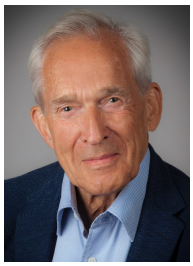
Åke Lernmark
Diabetes och celiaki
Besöksadress:
CRC, Hus 91 plan 10, Jan Waldenströms gata 35
Rm 60:11:015
Malmö
Sverige
E-post: ake.lernmark@med.lu.se
Telefon: +4640391901



Forskning

Immunogenetiken vid autoimmun (typ 1) diabetes och relaterade organ specifika autoimmuna sjukdomar har inte helt klarlagts. Vår forskning är fokuserad på betydelsen av HLA och icke-HLA genetiska faktorer när autoimmunitet utvecklas mot betacell specifika autoantigen inklusive insulin, GAD65, IA-2, ZnT8, INS-IGF2 och tetraspanin7. Cellulära och autoantikroppsmedierade funktioner studeras hos barn med förhöjd ärftlig risk för att utveckla en första autoantikropp, som visar sig vara antingen mot insulin i DR4-DQ8 barn eller mot GAD65 i DR3-DQ2 barn. Avsikten är att förstå sjukdomens etiologi genom att ta reda på om en omgivningsfaktor kan göras ansvaring för att trigga den autoimmuna reaktionen. Dessa mekanismer studeras i TEDDY (The Environmental Determinants of Diabetes in the Young) studien. Under 2004-2010 screenades nära 60 000 nyfödda barn för ökad ärftlig risk för autoimmun (typ 1) diabetes och gluten intolerans, och 2525 barn följdes från 3 månaders ålder fyra gånger om året fram till fyra års ålder, och därefter två gånger om året till 15 års ålder. Barn (10%) som utvecklade autoantikroppar mot betaceller fortsatte att följas fyra gånger om året. TEDDY studien bekostas av National Institute of Health (NIH) i USA och omfattar tre kliniker i USA (Georgia/Florida, Colorado och Washington State), Finland, Tyskland och Sverige. De svenska barnen står för 30% av deltagarna. Barn födda 2000-2004 i Diabetes Prediktion i Skåne (DiPiS) studien studeras på liknande sätt.
Vår forskning innefattar också att identifiera autoantigen, och utveckla metoder att bestämma autoantikroppar och cellulära metoder att bestämma hur autoantigen kan trigga autoimmunitet. Studier omfattar också undersökningar hur Pandemrix vaccinet som användes att vaccinera en stor del av befolkningen kunde inducera narkolepsi bara hos personer med HLA DQB1*06:02. Studier av primär prevention kommer att genomföras i ett internationellt samarbete med Global Platform for the Prevention of Autoimmun Diabetes (GPPAD). Sekundär prevention av autoimmun diabetes genomföres i samarbete med TrialNet, en NIH sammanslutning där vi är ett TrialNet Center för Sverige. Preventionsstudier genomföres i TEDDY Family study (TEFA med stöd av Juvenile Diabetes Research Foundation) där vi tar reda på om glutenfri kost kan förbättra betacellernas funktion hos personer med flera betacellsautoantikroppar.
Experimentellt genomför vi genetiska och funktionella studier på den spontandiabetiska BB råttan för att förklara hur monogen diabetes kan uppstå när Gimap5, ett anti-apoptopiskt protein inte längre uttrycks.
Sammantaget går vår forskning ut på att förutsäga och förebygga autoimmun (typ 1) diabetes genom att kombinera screening för HLA högrisk gener och icke-HLA gener för att identifiera personer med hög risk att utveckla en första autoantikropp efter en ännu okänd triggande faktor i miljön. Studier av primär och sekundär prevention genomföres för att till sist kunna förebygga och bota autoimmun (typ 1) diabetes.

Anställning

Principal Investigator, Professor emeritus
Celiaki och diabetes
Lunds universitet
Malmö, Sverige
2015 sep. 21 → present

Medlem i Strategiskt forskningsområde
EXODIAB: Excellence of Diabetes Research in Sweden
Lunds universitet
Malmö, Sverige
2010 jan. 1 → present

Emeritus Professor in Medicine
University of Washington, Seattle
Seattle, USA
2009 jan. 1 → present

Adjunct Professor
Lund University
Lund, Sverige

2006 jan. 1 → 2008 jan. 1

Adjunct Professor
Lund University
Lund, Sverige
1998 jan. 1 → 2005 jan. 1

Member of the Graduate Faculty
University of Washington, Seattle
Seattle, USA
1997 jan. 1 → 2008 jan. 1

Robert H. Williams Professor i Medicin
University of Washington, Seattle
Seattle, USA
1995 jan. 1 → 2008 dec. 31

Adjunct Professor
Karolinska Institutet
Stockholm, Sverige
1995 jan. 1 → 2001 jan. 1

Adjunct Professor
University of Washington, Seattle
Seattle, USA
1995 jan. 1 → 2007 jan. 1

Professor i experimentell endokrinologi
Karolinska Institutet
Stockholm, Sverige
1993 jan. 1 → 1994 dec. 31

Affiliate Professor
University of Washington, Seattle
Seattle, USA
1993 jan. 1 → 1994 jan. 1

Adjunct Professor
University of Washington, Seattle
Seattle, USA
1991 jan. 1 → 1993 jan. 1

Visiting Professor
Université Libre de Bruxelles (ULB)
Brussels, Belgien
1990 jan. 1 → 2000 jan. 1

Professor in Diabetes Research
Lund University
Lund, Sverige
1989 jan. 1 → 1991 jan. 1

Robert H. Williams Professor i Medicin
University of Washington, Seattle

Seattle, USA
1988 jan. 1 → 1992 dec. 31

Adjunct Professor of Medical Cell Biology
Lund University
Lund, Sverige
1984 jan. 1 → 1989 jan. 1

Forskningschef
Hagedorn Research Institute
Gentofte, Danmark
1979 jan. 1 → 1987 dec. 31

Assistant professor
University of Chicago
Chicago, USA
1977 jan. 1 → 1978 dec. 31

Docent (avlönad)
Umeå University
Umeå, Sverige
1973 jan. 1 → 1979 dec. 31

Forskarassistent
Umeå University
Umeå, Sverige
1970 jan. 1 → 1973 dec. 31

Amanuens
Umeå University
Umeå, Sverige
1968 aug. 1 → 1970 dec. 31

Forskningsoutput

Thyroid autoimmunity and the subsequent development of islet and celiac autoimmunity in the TEDDY study
Clasen, J. L., Jonsdottir, B., Vehik, K., Lynch, K. F., Parikh, H. M., Koskenniemi, J. J., Lernmark, Å., Agardh, D., Hagopian, W. A., Rewers, M. J., Toppari, J., Ziegler, A.-G., Akolkar, B., Krischer, J. P., Haller, M. & Larsson, H. E., 2026 jan. 23, (E-pub ahead of print) I: American Journal of Epidemiology.

Heterogeneity between insulin and proinsulin in the potency for insulin autoantibodies (IAA) in newly diagnosed type 1 diabetes children
Parsian, P., Bennett, R., Tsai, C.-T., Ramelius, A., Lernmark, Å., Jönsson, J. & Better Diabetes Diagnosis (BDD) Study Group, 2026, I: Clinical and Experimental Immunology. 220, 1

Modern Diabetology: Basic Science and Clinical Practice
Robertson, R. P. (redaktör), Lernmark, A. (redaktör), Mirmira, R. G. (redaktör), Rich, S. (redaktör), Skyler, J. S. (redaktör), Sussel, L. (redaktör) & White, M. F. (redaktör), 2026, Philadelphia: Elsevier. 368 s.

Profiling Associations Between IGHG-FCGR Ligand-Receptor Interactions and Disease Progression From Stage 1 and 2 to Stage 3 Type 1 Diabetes
Zhao, L. P., Papadopoulos, G. K., Skyler, J. S., Parikh, H. M., Kwok, W. W., Lybrand, T. P., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2026, I: Diabetes. 75, 2, s. 379-388

The rise and fall of a paradigm and conceiving a new hypothesis for type 1 diabetes
Nerup, J. & Lernmark, Å., 2026, I: Diabetologia. 69, 1, s. 253-255

Type 1 Diabetes
Jönsson, J. & Lernmark, A., 2026, *Encyclopedia of Immunobiology.* Kaye, P. M. (red.). 2 uppl. Elsevier, s. 12-23

Quantitative temporal analysis of pancreatic islet T lymphocyte and macrophage infiltration heralded by serum IgE in congenic BioBreeding (BB) Gimap5 -/ - rats at risk for insulitis and acute onset diabetes.
Jönsson, J., Faxius, L., Tångrot, J., Vance, K., Jerman, S., Bowman, D., Bogdani, M., Ericsson, P., Bennet, R., Ramelius, A. & Lernmark, Å., 2025 okt. 3, I: Inflammation Research. 74, 1, 134.

Early appearance of thyroid autoimmunity in children followed from birth for type 1 diabetes risk
Jonsdottir, B., Clasen, J. L., Vehik, K., Lernmark, Å., Lundgren, M., Bonifacio, E., Schatz, D., Ziegler, A.-G., Hagopian, W., Rewers, M., McIndoe, R., Toppari, J., Krischer, J., Akolkar, B., Steck, A., Veijola, R., Haller, M. J., Elding Larsson, H. & TEDDY Study Group, 2025 feb., I: The Journal of clinical endocrinology and metabolism. 110, 2, s. 498-510 12 s., dgae478.

Amino acids and CART distinguish A-β+ Ketosis-Prone Diabetes from type 1 and type 2 diabetes during hyperglycemic crises
Jahoor, F., Hsu, J. W., Keene, K. R., Peacock, W. F., Huang, X., Guffey, D., Byun, J., Bennet, R., Lernmark, A., Tosur, M. & Balasubramanyam, A., 2025, I: The Journal of clinical endocrinology and metabolism. 110, 10, s. e3462-e3471

Considerations for more actionable consensus guidance for monitoring individuals with islet autoantibody-positive pre-stage 3 type 1 diabetes. Reply to Mallone R [letter]
Phillip, M., Achenbach, P., Addala, A., Albanese-O'Neill, A., Battelino, T., Bell, K. J., Besser, R. E. J., Bonifacio, E., Colhoun, H. M., Couper, J. J., Craig, M. E., Danne, T., de Beaufort, C., Dovc, K., Dutta, S., Ebekozien, O., Elding Larsson, H., Frohnert, B. I., Gallagher, M. P. & Greenbaum, C. J. och 35 andra, Griffin, K. J., Hagopian, W., Haller, M. J., Hendriks, E., Holt, R. I. G., Ismail, H. M., Jacobsen, L. M., Kolb, L. E., Kordonouri, O., Lange, K., Lash, R. W., Lernmark, Å., Libman, I., Lundgren, M., Maahs, D. M., Marcovecchio, M. L., Mathieu, C., Oron, T., Patil, S. P., Rewers, M. J., Rich, S. S., Schatz, D. A., Schulman-Rosenbaum, R., Simmons, K. M., Sims, E. K., Skyler, J. S., Speake, C., Steck, A. K., Tonyushkina, K. N., Veijola, R., Wentworth, J. M., Wherrett, D. K., Wood, J. R., Ziegler, A.-G. & DiMeglio, L. A., 2025, I: Diabetologia. 68, 4, s. 892-895

Looking back at the TEDDY study: lessons and future directions
Lernmark, Å., Agardh, D., Akolkar, B., Gesualdo, P., Hagopian, W. A., Haller, M. J., Hyöty, H., Johnson, S. B., Larsson, H. E., Liu, E., Lynch, K. F., McKinney, E. F., McIndoe, R., Melin, J., Norris, J. M., Rewers, M., Rich, S. S., Toppari, J., Triplett, E. & Vehik, K. och 4 andra, Virtanen, S. M., Ziegler, A.-G., Schatz, D. A. & Krischer, J., 2025, I: Nature Reviews Endocrinology. 21, 3, s. 154-165

Predictors of Transitions From GADA as the Initial Autoantibody to Multiple Autoantibodies of Type 1 Diabetes in Children at Risk by a Dynamic Prediction Model
You, L., Salami, F., Tamura, R., Törn, C., Vehik, K., Hagopian, W. A., Rewers, M. J., McIndoe, R. A., Toppari, J., Ziegler, A. G., Akolkar, B., Krischer, J. P. & Lernmark, Å., 2025, I: Pediatric Diabetes. s. 1-11 8845330.

Profiling associations of interactive ligand-receptors (HLA class I and KIR gene products) with the progression to type 1 diabetes among seroconverted participants
Zhao, L. P., Papadopoulos, G. K., McFarland, B. J., Skyler, J. S., Parikh, H. M., Kwok, W. W., Lybrand, T. P., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2025, I: Diabetologia. 68, 12, 2743-2753.

The Contribution of BMI to a Young Child's Risk of Islet Autoimmunity Is Dependent on HLA-DR4-DQ8 Without HLA-DR3-DQ2
Koskenniemi, J. J., Clasen, J. L., You, L., Parikh, H. M., Vehik, K., Yang, J., Uusitalo, U., Veijola, R., Haller, M. J., Ziegler, A. G., Rewers, M. J., Hagopian, W. A., Akolkar, B., Lernmark, Å., Toppari, J., Larsson, H. E., Krischer, J. P., Lynch, K. F. & TEDDY Study Group, 2025, I: Diabetes Care. 48, 12, s. 2103-2110

The heterogeneity of type 1 diabetes: implications for pathogenesis, prevention, and treatment - 2024 Diabetes, Diabetes Care, and Diabetologia Expert Forum
Evans-Molina, C., Dor, Y., Lernmark, Å., Mathieu, C., Millman, J. R., Mirmira, R. G., Pociot, F., Redondo, M. J., Rich, S. S., Richardson, S. J., Rickels, M. R. & Leslie, R. D., 2025, I: Diabetologia. 68, 9, s. 1859-1878

The Heterogeneity of Type 1 Diabetes: Implications for Pathogenesis, Prevention, and Treatment-2024 Diabetes, Diabetes Care, and Diabetologia Expert Forum
Evans-Molina, C., Dor, Y., Lernmark, Å., Mathieu, C., Millman, J. R., Mirmira, R. G., Pociot, F., Redondo, M. J., Rich, S. S., Richardson, S. J., Rickels, M. R. & Leslie, R. D., 2025, I: Diabetes Care. 48, 10, s. 1651-1667

The Heterogeneity of Type 1 Diabetes: Implications for Pathogenesis, Prevention, and Treatment-2024 Diabetes, Diabetes Care, and Diabetologia Expert Forum
Evans-Molina, C., Dor, Y., Lernmark, Å., Mathieu, C., Millman, J. R., Mirmira, R. G., Pociot, F., Redondo, M. J., Rich, S. S., Richardson, S. J., Rickels, M. R. & Leslie, R. D., 2025, I: Diabetes. 74, 10, s. 1730-1747

Two DRB3 residues predictively associate with the progression to type 1 diabetes among DR3 carriers
Zhao, L. P., Papadopoulos, G. K., Skyler, J. S., Kwok, W. W., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2025, I: JCI Insight. 10, 7, e184348.

Unfolding the Mystery of Autoimmunity: The Environmental Determinants of Diabetes in the Young (TEDDY) Study
Rewers, M., Agardh, D., Johnson, S. B., Bonifacio, E., Larsson, H. E., Gesualdo, P., Hagopian, W., Haller, M. J., Hyöty, H., Johnson, R., McIndoe, R., McKinney, E., Melin, J., Lernmark, Å., Lloyd, R. E., Lynch, K. F., Norris, J. M., Rich, S. S., Roth, R. & Schatz, D. och 8 andra, Toppari, J., Triplett, E., Vehik, K., Virtanen, S. M., Ziegler, A.-G., Akolkar, B., Krischer, J. P. & TEDDY Study Group, 2025, I: Diabetes Care. 48, 7, s. 1125-1135

β-Cell Function and Glucose Tolerance in Persons With Multiple Islet Autoantibodies Randomized to a Gluten-free Diet
Maziarz, M., Koskenniemi, J. J., Martinez, M. M., Spiliopoulos, L., Salami, F., Toppari, J., Kero, J., Veijola, R., Tossavainen, P., Palmu, S., Aronsson, C. A., Lundgren, M., Borg, H., Katsarou, A., Elding Larsson, H., Knip, M., Lou, O., Dunne, J. L., Törn, C. & Lernmark, Å., 2025, I: Journal of the Endocrine Society. 9, 8

Joint modeling of multistate and nonparametric multivariate longitudinal data
You, L., Salami, F., Törn, C., Lernmark, Å. & Tamura, R., 2024 sep. 1, I: Annals of Applied Statistics. 18, 3, s. 2444-2461

Type 1 diabetes, celiac disease, and autoimmune thyroiditis autoantibodies in population-based type 2 diabetes patients
Lind, A., Cheng-ting, T., Åke, L. & Johan, J., 2024 sep., I: Journal of Clinical and Translational Endocrinology. 37, 100367.

The Influence of Pubertal Development on Autoantibody Appearance and Progression to Type 1 Diabetes in the TEDDY Study
Warncke, K., Tamura, R., Schatz, D. A., Veijola, R., Steck, A. K., Akolkar, B., Hagopian, W., Krischer, J. P., Lernmark, Å., Rewers, M. J., Toppari, J., McIndoe, R., Ziegler, A.-G., Vehik, K., Haller, M. J. & Elding Larsson, H., 2024 maj 23, I: Journal of the Endocrine Society. 8, 7, bvae103.

Autoimmune Type 1 Diabetes
Akel, O. & Lernmark, Å., 2024 jan. 1, *Textbook of Diabetes.* Holt, R. I. & Flyvbjerg, A. (red.). Sixth edition uppl. Wiley, s. 203-215

Anxiety, depression and quality of life in relation to SARS-CoV-2 antibodies in individuals living with diabetes during the second wave of COVID-19
Lind, A., Yang, C., Hugo, H., Maria, H., Stefan, J., Lernmark, Å., Martin, S., Staffan, T., Cheng-ting, T., Jeanette, W. & Johan, J., 2024 jan., I: Diabetes Epidemiology and Management. 13, 100194.

Assisting the implementation of screening for type 1 diabetes by using artificial intelligence on publicly available data
Teixeira, P. F., Battelino, T., Carlsson, A., Gudbjörnsdottir, S., Hannelius, U., von Herrath, M., Knip, M., Korsgren, O., Elding Larsson, H., Lindqvist, A., Ludvigsson, J., Lundgren, M., Nowak, C., Pettersson, P., Pociot, F., Sundberg, F., Åkesson, K., Lernmark, Å. & Forsander, G., 2024, I: Diabetologia. 67, 6, s. 985-994

Caesarean section and risk of type 1 diabetes
Singh, T., Weiss, A., Vehik, K., Krischer, J., Rewers, M., Toppari, J., Lernmark, Å., Hagopian, W., Akolkar, B., Bonifacio, E., Ziegler, A.-G., Winkler, C. & TEDDY Study Group, 2024, I: Diabetologia. 67, 8, s. 1582-1587

Childhood screening for type 1 diabetes comparing automated multiplex Antibody Detection by Agglutination-PCR (ADAP) with single plex islet autoantibody radiobinding assays
Lind, A., Freyhult, E., de Jesus Cortez, F., Ramelius, A., Bennet, R., Robinson, P. V., Seftel, D., Gebhart, D., Tandel, D., Maziarz, M., Larsson, H. E., Lundgren, M., Carlsson, A., Nilsson, A.-L., Fex, M., Törn, C., Agardh, D., Tsai, C.-T., Lernmark, Å. & Better Diabetes Diagnosis (BDD) Study Group, 2024, I: EBioMedicine. 104, 105144.

Consensus guidance for monitoring individuals with islet autoantibody-positive pre-stage 3 type 1 diabetes
Phillip, M., Achenbach, P., Addala, A., Albanese-O'Neill, A., Battelino, T., Bell, K. J., Besser, R. E. J., Bonifacio, E., Colhoun, H. M., Couper, J. J., Craig, M. E., Danne, T., de Beaufort, C., Dovc, K., Driscoll, K. A., Dutta, S., Ebekozien, O., Larsson, H. E., Feiten, D. J. & Frohnert, B. I. och 46 andra, Gabbay, R. A., Gallagher, M. P., Greenbaum, C. J., Griffin, K. J., Hagopian, W., Haller, M. J., Hendrieckx, C., Hendriks, E., Holt, R. I. G., Hughes, L., Ismail, H. M., Jacobsen, L. M., Johnson, S. B., Kolb, L. E., Kordonouri, O., Lange, K., Lash, R. W., Lernmark, Å., Libman, I., Lundgren, M., Maahs, D. M., Marcovecchio, M. L., Mathieu, C., Miller, K. M., O'Donnell, H. K., Oron, T., Patil, S. P., Pop-Busui, R., Rewers, M. J., Rich, S. S., Schatz, D. A., Schulman-Rosenbaum, R., Simmons, K. M., Sims, E. K., Skyler, J. S., Smith, L. B., Speake, C., Steck, A. K., Thomas, N. P. B., Tonyushkina, K. N., Veijola, R., Wentworth, J. M., Wherrett, D. K., Wood, J. R., Ziegler, A.-G. & DiMeglio, L. A., 2024, I: Diabetologia. 67, 9, s. 1731-1759

Consensus Guidance for Monitoring Individuals With Islet Autoantibody-Positive Pre-Stage 3 Type 1 Diabetes
Phillip, M., Achenbach, P., Addala, A., Albanese-O'Neill, A., Battelino, T., Bell, K. J., Besser, R. E. J., Bonifacio, E., Colhoun, H. M., Couper, J. J., Craig, M. E., Danne, T., de Beaufort, C., Dovc, K., Driscoll, K. A., Dutta, S., Ebekozien, O., Elding Larsson, H., Feiten, D. J. & Frohnert, B. I. och 46 andra, Gabbay, R. A., Gallagher, M. P., Greenbaum, C. J., Griffin, K. J., Hagopian, W., Haller, M. J., Hendrieckx, C., Hendriks, E., Holt, R. I. G., Hughes, L., Ismail, H. M., Jacobsen, L. M., Johnson, S. B., Kolb, L. E., Kordonouri, O., Lange, K., Lash, R. W., Lernmark, Å., Libman, I., Lundgren, M., Maahs, D. M., Marcovecchio, M. L., Mathieu, C., Miller, K. M., O'Donnell, H. K., Oron, T., Patil, S. P., Pop-Busui, R., Rewers, M. J., Rich, S. S., Schatz, D. A., Schulman-Rosenbaum, R., Simmons, K. M., Sims, E. K., Skyler, J. S., Smith, L. B., Speake, C., Steck, A. K., Thomas, N. P. B., Tonyushkina, K. N., Veijola, R., Wentworth, J. M., Wherrett, D. K., Wood, J. R., Ziegler, A.-G. & DiMeglio, L. A., 2024, I: Diabetes Care. 47, 8, s. 1276-1298

HLA Class II (DR, DQ, DP) Genes Were Separately Associated With the Progression From Seroconversion to Onset of Type 1 Diabetes Among Participants in Two Diabetes Prevention Trials (DPT-1 and TN07)
Zhao, L. P., Papadopoulos, G. K., Skyler, J. S., Pugliese, A., Parikh, H. M., Kwok, W. W., Lybrand, T. P., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2024, I: Diabetes Care. 47, 5, s. 826-834

Intake of B vitamins and the risk of developing islet autoimmunity and type 1 diabetes in the TEDDY study
Hakola, L., Mramba, L. K., Uusitalo, U., Andrén Aronsson, C., Hummel, S., Niinistö, S., Erlund, I., Yang, J., Rewers, M. J., Akolkar, B., McIndoe, R. A., Rich, S. S., Hagopian, W. A., Ziegler, A., Lernmark, Å., Toppari, J., Krischer, J. P., Norris, J. M., Virtanen, S. M. & TEDDY Study Group, 2024, I: European Journal of Nutrition. 63, 4, s. 1329-1338

Oral Insulin Delay of Stage 3 Type 1 Diabetes Revisited in HLA DR4-DQ8 Participants in the TrialNet Oral Insulin Prevention Trial (TN07)
Zhao, L. P., Papadopoulos, G. K., Skyler, J. S., Parikh, H. M., Kwok, W. W., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2024, I: Diabetes Care. 47, 9, s. 1608-1616

Progression to type 1 diabetes in the DPT-1 and TN07 clinical trials is critically associated with specific residues in HLA-DQA1-B1 heterodimers
Zhao, L. P., Papadopoulos, G. K., Skyler, J. S., Pugliese, A., Parikh, H. M., Kwok, W. W., Lybrand, T. P., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2024, I: Diabetologia. 67, 11, s. 2481-2493

Distinct transcriptomic profiles in children prior to the appearance of type 1 diabetes-linked islet autoantibodies and following enterovirus infection
Lin, J., Moradi, E., Salenius, K., Lehtipuro, S., Häkkinen, T., Laiho, J. E., Oikarinen, S., Randelin, S., Parikh, H. M., Krischer, J. P., Toppari, J., Lernmark, Å., Petrosino, J. F., Ajami, N. J., She, J.-X., Hagopian, W. A., Rewers, M. J., Lloyd,

R. E., Rautajoki, K. J. & Hyöty, H. och 2 andra, Nykter, M. & TEDDY Study Group, 2023 nov. 22, I: Nature Communications. 14, s. 1-13 7630.

Executive Summary: Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Lernmark, Å., Metzger, B. E., Nathan, D. M. & Kirkman, M. S., 2023 okt., I: Diabetes Care. 46, 10, s. 1740-1746 7 s.

Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Lernmark, Å., Metzger, B. E., Nathan, D. M. & Kirkman, M. S., 2023 okt., I: Diabetes Care. 46, 10, s. e151-e199

Polymorphisms in Intron 1 of HLA-DRA Differentially Associate with Type 1 Diabetes and Celiac Disease and Implicate Involvement of Complement System Genes C4A and C4B
Aydemir, Ö., Bailey, J. A., Agardh, D., Lernmark, A., Noble, J., Andersson Svärd, A., Blankenhorn, E. P., Parikh, H., Ziegler, A. G., Toppari, J., Akolkar, B., Hagopian, W. A., Rewers, M. J., Mordes, J. P. & TEDDY Study Group, 2023 sep. 1 , (E-pub ahead of print) I: eLife. 22 s.

SARS-CoV-2 - No Increased Islet Autoimmunity or Type 1 Diabetes in Teens
Krischer, J. P., Lernmark, Å., Hagopian, W. A., Rewers, M. J., McIndoe, R., Toppari, J., Ziegler, A.-G., Akolkar, B. & TEDDY Study Group, 2023 aug. 3, I: The New England journal of medicine. 389, 5, s. 474-475

Executive Summary: Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Lernmark, Å., Metzger, B. E., Nathan, D. M. & Sue Kirkman, M., 2023 aug., I: Clinical Chemistry. 69, 8, s. 777-784 8 s.

Islet autoantibody screening in at-risk adolescents to predict type 1 diabetes until young adulthood: a prospective cohort study
Ghalwash, M., Anand, V., Lou, O., Martin, F., Rewers, M., Ziegler, A. G., Toppari, J., Hagopian, W. A., Veijola, R., Achenbach, P. (medarbetare), Bonifacio, E. (medarbetare), Crouch, C. (medarbetare), Dunne, J. (medarbetare), Elding Larsson, H. (medarbetare), Frohnert, B. I. (medarbetare), Hu, J. (medarbetare), Hyöty, H. (medarbetare), Ilonen, J. (medarbetare), Jönsson, J. (medarbetare) & Killian, M. (medarbetare) och 21 andra, Knip, M. (medarbetare), Koski, E. (medarbetare), Li, Y. (medarbetare), Li, Z. (medarbetare), Liu, B. (medarbetare), Lundgren, M. (medarbetare), Malhotra, A. (medarbetare), Maziarz, M. (medarbetare), Meyer, J. (medarbetare), Moore, S. (medarbetare), Ng, K. (medarbetare), Norris, J. (medarbetare), Roy, S. (medarbetare), Spiliopoulos, L. (medarbetare), Steck, A. (medarbetare), Stavropoulos, H. (medarbetare), Waugh, K. (medarbetare), Winkler, C. (medarbetare), Yu, L. (medarbetare), Lernmark, Å. (medarbetare) & Type 1 Diabetes Intelligence Study Group, 2023 apr., I: The Lancet Child and Adolescent Health. 7, 4, s. 261-268 8 s.

Epidemiology and Pathogenesis of Type 1 Diabetes
Stene, L. C. & Lernmark, A., 2023, *Transplantation of the Pancreas.* Gruessner, R. W. G. & Gruessner, A. C. (red.). 2 uppl. s. 13-39

Gastrointestinal Infections Modulate the Risk for Insulin Autoantibodies as the First-Appearing Autoantibody in the TEDDY Study
Lönnrot, M., Lynch, K. F., Rewers, M., Lernmark, Å., Vehik, K., Akolkar, B., Hagopian, W., Krischer, J., McIndoe, R. A., Toppari, J., Ziegler, A.-G., Petrosino, J. F., Lloyd, R., Hyöty, H. & TEDDY Study Group, 2023, I: Diabetes Care. 46, 11, s. 1908-1915

Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Lernmark, Å., Metzger, B. E., Nathan, D. M. & Kirkman, M. S., 2023, I: Clinical Chemistry. 69, 8, s. 808-868 61 s.

HLA Genotype and Probiotics Modify the Association Between Timing of Solid Food Introduction and Islet Autoimmunity in the TEDDY Study
Uusitalo, U., Mramba, L. K., Aronsson, C., Vehik, K., Yang, J., Hummel, S., Lernmark, Å., Rewers, M., Hagopian, W., McIndoe, R., Toppari, J., Ziegler, A.-G., Akolkar, B., Krischer, J. P., Virtanen, S. M., Norris, J. M. & TEDDY Study Group, 2023, I: Diabetes Care. 46, 10, s. 1839-1847

Interaction Between Dietary Iron Intake and Genetically Determined Iron Overload: Risk of Islet Autoimmunity and Progression to Type 1 Diabetes in the TEDDY Study
Thorsen, S. U., Liu, X., Kataria, Y., Mandrup-Poulsen, T., Kaur, S., Uusitalo, U., Virtanen, S. M., Norris, J. M., Rewers, M., Hagopian, W., Yang, J., She, J.-X., Akolkar, B., Rich, S., Aronsson, C. A., Lernmark, Å., Ziegler, A.-G., Toppari, J., Krischer, J. & Parikh, H. M. och 3 andra, Ellervik, C., Svensson, J. & Environmental Determinants of Diabetes in the Young (TEDDY) Group, 2023, I: Diabetes Care. 46, 5, s. 1014-1018

Physical Activity and the Development of Islet Autoimmunity and Type 1 Diabetes in 5-15-Year-Old Children Followed in the TEDDY Study
Liu, X., Johnson, S. B., Lynch, K. F., Cordan, K., Pate, R., Butterworth, M. D., Lernmark, Å., Hagopian, W. A., Rewers, M. J., McIndoe, R. A., Toppari, J., Ziegler, A.-G., Akolkar, B., Krischer, J. P., Yang, J. & TEDDY Study Group, 2023, I: Diabetes Care. 46, 7, s. 1409-1416

Plasma protein biomarkers predict the development of persistent autoantibodies and type 1 diabetes 6 months prior to the onset of autoimmunity
Nakayasu, E. S., Bramer, L. M., Ansong, C., Schepmoes, A. A., Fillmore, T. L., Gritsenko, M. A., Clauss, T. R., Gao, Y., Piehowski, P. D., Stanfill, B. A., Engel, D. W., Orton, D. J., Moore, R. J., Qian, W.-J., Sechi, S., Frohnert, B. I., Toppari, J., Ziegler, A.-G., Lernmark, Å. & Hagopian, W. och 6 andra, Akolkar, B., Smith, R. D., Rewers, M. J., Webb-Robertson, B.-J. M., Metz, T. O. & TEDDY Study Group, 2023, I: Cell Reports Medicine. 4, 7, 101093.

Possible heterogeneity of initial pancreatic islet beta-cell autoimmunity heralding type 1 diabetes
Lernmark, Å., Akolkar, B., Hagopian, W., Krischer, J., McIndoe, R., Rewers, M., Toppari, J., Vehik, K. & Ziegler, A.-G., 2023, I: Journal of Internal Medicine. 294, 2, s. 145-158

What is new in type 1 diabetes? [Video file]
Lernmark, A., 2023

Temporal changes in gastrointestinal fungi and the risk of autoimmunity during early childhood: the TEDDY study
Auchtung, T. A., Stewart, C. J., Smith, D. P., Triplett, E. W., Agardh, D., Hagopian, W. A., Ziegler, A. G., Rewers, M. J., She, J.-X., Toppari, J., Lernmark, Å., Akolkar, B., Krischer, J. P., Vehik, K., Auchtung, J. M., Ajami, N. J. & Petrosino, J. F., 2022 juni 7, I: Nature Communications. 13, 3151.

Telomere length is not a main factor for the development of islet autoimmunity and type 1 diabetes in the TEDDY study
Törn, C., Liu, X., Onengut-Gumuscu, S., Counts, K. M., Moreno, J. L., Remedios, C. L., Chen, W.-M., LeFaive, J., Butterworth, M. D., Akolkar, B., Krischer, J. P., Lernmark, Å., Rewers, M., She, J.-X., Toppari, J., Ziegler, A.-G., Ratan, A., Smith, A. V., Hagopian, W. A. & Rich, S. S. och 2 andra, Parikh, H. M. & TEDDY Study Group, 2022 mars 16, I: Scientific Reports. 12, 1, s. 4516

Heterogeneity of beta-cell function in subjects with multiple islet autoantibodies in the TEDDY family prevention study - TEFA
TEDDY Family (TEFA) Study Group, 2022 jan. 5, I: Clinical diabetes and endocrinology. 7, 1, 10 s.

Autoimmune (Type 1) Diabetes Mellitus
Lundgren, M. & Lernmark, Å., 2022 jan. 1, *DeGroot's Endocrinology: Basic Science and Clinical Practice.* Elsevier, s. 537-556 20 s.

Association of HLA-DQ Heterodimer Residues -18β and β57 With Progression From Islet Autoimmunity to Diabetes in the Diabetes Prevention Trial-Type 1
Zhao, L. P., Skyler, J., Papadopoulos, G. K., Pugliese, A., Najera, J. A., Bondinas, G. P., Moustakas, A. K., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2022, I: Diabetes Care. 45, 7 , s. 1610-1620

Enteroviruses and Type 1 Diabetes: Multiple Mechanisms and Factors?
Lloyd, R. E., Tamhankar, M. & Lernmark, Å., 2022, I: Annual Review of Medicine. 73, 1

HbA1c as a time predictive biomarker for an additional islet autoantibody and type 1 diabetes in seroconverted TEDDY children
Salami, F., Tamura, R., You, L., Lernmark, Å., Elding Larsson, H., Lundgren, M., Krischer, J., Ziegler, A.-G., Toppari, J., Veijola, R., Rewers, M., Haller, M. J., Hagopian, W., Akolkar, B., Törn, C. & TEDDY Study Group, 2022, I: Pediatric Diabetes. 23, 8, s. 1586-1593 8 s.

Islet Autoantibody Levels Differentiate Progression Trajectories in Individuals with Presymptomatic Type 1 Diabetes
Kwon, B. C., Achenbach, P., Anand, V., Frohnert, B. I., Hagopian, W., Hu, J., Koski, E., Lernmark, Å., Lou, O., Martin, F., Ng, K., Toppari, J., Veijola, R. & T1DI Study Group, 2022, I: Diabetes. 71, 12 , s. 2632-2641

Multiplex agglutination-PCR (ADAP) autoantibody assays compared to radiobinding autoantibodies in type 1 diabetes and celiac disease
Lind, A., de Jesus Cortez, F., Ramelius, A., Bennet, R., Robinson, P. V., Seftel, D., Gebhart, D., Tandel, D., Maziarz, M., Agardh, D., Larsson, H. E., Lundgren, M., Lernmark, Å. & Tsai, C.-T., 2022, I: Journal of Immunological Methods. 506, 113265.

Possible Relationship between the HLA-DRA1 Intron Haplotype of Three Single-Nucleotide Polymorphisms in Intron 1 of the HLA-DRA1 Gene and Autoantibodies in Children at Increased Genetic Risk for Autoimmune Type 1 Diabetes
Andersson Svärd, A., Benatti, E., Lundgren, M., Lernmark, A., Maziarz, M., Elding Larsson, H. & DiPiS Study Group, 2022 , I: ImmunoHorizons. 6, 8, s. 614-629 8.

Predictors of the Initiation of Islet Autoimmunity and Progression to Multiple Autoantibodies and Clinical Diabetes: The TEDDY Study
Krischer, J. P., Liu, X., Lernmark, Å., Hagopian, W. A., Rewers, M. J., She, J.-X., Toppari, J., Ziegler, A.-G., Akolkar, B. & TEDDY Study Group, 2022, I: Diabetes Care. 45, 10, s. 2271-2281

Progression of type 1 diabetes from latency to symptomatic disease is predicted by distinct autoimmune trajectories
Kwon, B. C., Anand, V., Achenbach, P., Dunne, J. L., Hagopian, W., Hu, J., Koski, E., Lernmark, Å., Lundgren, M., Ng, K., Toppari, J., Veijola, R., Frohnert, B. I. & T1DI Study Group, 2022, I: Nature Communications. 13, s. 1-9 1514.

Rising Hemoglobin A1c in the Nondiabetic Range Predicts Progression of Type 1 Diabetes As Well As Oral Glucose Tolerance Tests
Vehik, K., Boulware, D., Killian, M., Rewers, M., McIndoe, R., Toppari, J., Lernmark, Å., Akolkar, B., Ziegler, A.-G., Rodriguez, H., Schatz, D. A., Krischer, J. P., Hagopian, W. & TEDDY Study Group Colorado Clinical Center, 2022, I: Diabetes Care. 45, 10, s. 2342-2349

Dynamic changes in immune gene co-expression networks predict development of type 1 diabetes
Brænne, I., Onengut-Gumuscu, S., Chen, R., Manichaikul, A., Rich, S., Chen, W.-M., Farber, C., TEDDY Study Group, Lernmark, Å. (medarbetare), Agardh, D. (medarbetare), Aronsson, C. A. (medarbetare), Ask, M. (medarbetare), Bennet, R. (medarbetare), Cilio, C. (medarbetare), Engqvist, H. (medarbetare), Ericson-Hallström, E. (medarbetare), Fransson, L. (medarbetare), Gard, T. (medarbetare), Hansen, M. (medarbetare) & Jisser, H. (medarbetare) och 21 andra, Johansen, F. (medarbetare), Jonsdottir, B. (medarbetare), Jovic, S. (medarbetare), Larsson, H. E. (medarbetare), Lindström, M. (medarbetare), Lundgren, M. (medarbetare), Maziarz, M. (medarbetare), Månsson-Martinez, M. (medarbetare), Markan, M. (medarbetare), Mestan, Z. (medarbetare), Ottosson, K. (medarbetare), Rahmati, K. (medarbetare), Ramelius, A. (medarbetare), Salami, F. (medarbetare), Sjöberg, A. (medarbetare), Sjöberg, B. (medarbetare), Svensson, M. (medarbetare), Törn, C. (medarbetare), Wallin, A. (medarbetare), Wimar, Å. (medarbetare) & Åberg, S. (medarbetare), 2021 dec., I: Scientific Reports. 11, s. 1-13 22651.

Nine residues in HLA-DQ molecules determine with susceptibility and resistance to type 1 diabetes among young children in Sweden
Zhao, L. P., Papadopoulos, G. K., Moustakas, A. K., Bondinas, G. P., Carlsson, A., Larsson, H. E., Ludvigsson, J., Marcus, C., Persson, M., Samuelsson, U., Wang, R., Pyo, C.-W., Geraghty, D. E. & Lernmark, Å., 2021 apr. 23, I: Scientific Reports. 11, 1, 8821.

Beta cell function in participants with single or multiple islet autoantibodies at baseline in the TEDDY Family Prevention Study: TEFA
Martinez, M. M., Salami, F., Larsson, H. E., Toppari, J., Lernmark, Å., Kero, J., Veijola, R., Koskenniemi, J. J., Tossavainen, P., Lundgren, M., Borg, H., Katsarou, A., Maziarz, M., Törn, C. & TEDDY Family (TEFA) Study Group, 2021 apr., I: Endocrinology, Diabetes & Metabolism. 4, 2, e00198.

Transcriptional networks in at-risk individuals identify signatures of type 1 diabetes progression
Xhonneux, L.-P., Knight, O., Lernmark, Å., Bonifacio, E., Hagopian, W. A., Rewers, M. J., She, J.-X., Toppari, J., Parikh, H., Smith, K. G. C., Ziegler, A.-G., Akolkar, B., Krischer, J. P. & McKinney, E. F., 2021 mars 31, I: Science Translational Medicine. 13, 587, eabd5666.

The Vbeta13 T Cell Receptor Monoclonal Antibody Reduces Hyaluronan and CD68+, CD3+, and CD8+ Cell Infiltrations to Delay Diabetes in Congenic BB DRLyp/Lyp Rats
Bogdani, M., Faxius, L., Fex, M., Ramelius, A., Wernersson, A., Mordes, J. P., Blankenhorn, E. P. & Lernmark, Å., 2021 mars 16, I: Frontiers in Endocrinology. 12, 629242.

Children's erythrocyte fatty acids are associated with the risk of islet autoimmunity
Aronsson, C. A., Parikh, H. M., Lernmark, Å. & TEDDY Study Group, 2021 feb. 11, I: Scientific Reports. 11, 1, 3627.

Plasma Metabolome and Circulating Vitamins Stratified Onset Age of an Initial Islet Autoantibody and Progression to Type 1 Diabetes: the TEDDY Study
Lernmark, Å. & TEDDY Study Group, 2021 jan., I: Diabetes. 70, 1, s. 282-292 11 s.

An Age-Related Exponential Decline in the Risk of Multiple Islet Autoantibody Seroconversion During Childhood
Bonifacio, E., Weiß, A., Winkler, C., Hippich, M., Rewers, M. J., Toppari, J., Lernmark, Å., She, J.-X., Hagopian, W. A., Krischer, J. P., Vehik, K., Schatz, D. A., Akolkar, B., Ziegler, A.-G. & TEDDY Study Group, 2021, I: Diabetes Care. 44, 10, s. 2260-2268

Associations of breastfeeding with childhood autoimmunity, allergies, and overweight: The Environmental Determinants of Diabetes in the Young (TEDDY) study
Hummel, S., Weiß, A., Bonifacio, E., Agardh, D., Akolkar, B., Aronsson, C. A., Hagopian, W. A., Koletzko, S., Krischer, J. P., Lernmark, Å., Lynch, K., Norris, J. M., Rewers, M. J., She, J.-X., Toppari, J., Uusitalo, U., Vehik, K., Virtanen, S. M., Beyerlein, A. & Ziegler, A.-G. och 1 andra, TEDDY Study Group, 2021, I: The American journal of clinical nutrition. 114, 1, s. 134-142

Characteristics of children diagnosed with type 1 diabetes before vs after 6 years of age in the TEDDY cohort study
Krischer, J. P., Liu, X., Lernmark, Å., Hagopian, W. A., Rewers, M. J., She, J. X., Toppari, J., Ziegler, A. G., Akolkar, B. & TEDDY Study Group, 2021, I: Diabetologia. 64, 10, s. 2247-2257

Complete blood counts with red blood cell determinants associate with reduced beta-cell function in seroconverted Swedish TEDDY children
Salami, F., N.Tamura, R., Elding Larsson, H., Lernmark, Å., Törn, C. & TEDDY Study Group, 2021, I: Endocrinology, Diabetes and Metabolism. 4, 3, e00251.

Etiology of Autoimmune Islet Disease: Timing Is Everything
Lernmark, Å., 2021, I: Diabetes. 70, 7, s. 1431-1439

First-appearing islet autoantibodies for type 1 diabetes in young children: maternal life events during pregnancy and the child's genetic risk
Johnson, S. B., Lynch, K. F., Roth, R., Lundgren, M., Parikh, H. M., Akolkar, B., Hagopian, W., Krischer, J., Rewers, M., She, J.-X., Toppari, J., Ziegler, A. G., Lernmark, Å. & TEDDY Study Group, 2021, I: Diabetologia. 64, 3, s. 591-602

Immunocyte single cell analysis of vaccine-induced narcolepsy
Lind, A., Salami, F., Landtblom, A.-M., Palm, L., Lernmark, Å., Adolfsson, J. & Larsson, H. E., 2021, I: European Journal of Immunology. 51, 1, s. 247-249

Metabolomics Profiling of Patients With A-β+ Ketosis-Prone Diabetes During Diabetic Ketoacidosis
Jahoor, F., Hsu, J. W., Mehta, P. B., Keene, K. R., Gaba, R., Mulukutla, S. N., Caducoy, E., Peacock, W. F., Patel, S. G., Bennet, R., Lernmark, A. & Balasubramanyam, A., 2021, I: Diabetes. 70, 8, s. 1898-1909

Neutralizing Ljungan virus antibodies in children with newly diagnosed type 1 diabetes
Lundstig, A., McDonald, S. L., Maziarz, M., Weldon, W. C., Vaziri-Sani, F., Lernmark, Å. & Nilsson, A.-L., 2021, I: The Journal of general virology. 102, 5, 1602.

Simplifying prediction of disease progression in pre-symptomatic type 1 diabetes using a single blood sample
Bediaga, N. G., Li-Wai-Suen, C. S. N., Haller, M. J., Gitelman, S. E., Evans-Molina, C., Gottlieb, P. A., Hippich, M., Ziegler, A.-G., Lernmark, A., DiMeglio, L. A., Wherrett, D. K., Colman, P. G., Harrison, L. C. & Wentworth, J. M., 2021, I: Diabetologia. 64, 11, s. 2432-2444

The KAG motif of HLA-DRB1 (β71, β74, β86) predicts seroconversion and development of type 1 diabetes
Zhao, L. P., Papadopoulos, G. K., Lybrand, T. P., Moustakas, A. K., Bondinas, G. P., Carlsson, A., Larsson, H. E., Ludvigsson, J., Marcus, C., Persson, M., Samuelsson, U., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E., Rich, S. S., Lernmark, Å. & Better Diabetes Diagnosis (BDD) Study Group, 2021, I: EBioMedicine. 69, 14 s., 103431.

Periodontal conditions, retinopathy, and serum markers in individuals with type 1 diabetes
Widén, C., Holmer, H., Sättlin, S., Renvert, S., Lernmark, Å. & Persson, G. R., 2020 nov., I: Journal of Periodontology. 91, 11, s. 1436-1443 8 s.

Characterization of plasma lipidomics in adolescent subjects with increased risk for type 1 diabetes in the DiPiS cohort
Andersson Svärd, A., Lernmark, Å., Maziarz, M. & DiPiS Study Group, 2020 okt. 8, I: Metabolomics. 16, 10, 109.

Motifs of Three HLA-DQ Amino Acid Residues (α44, β57, β135) Capture Full Association With the Risk of Type 1 Diabetes in DQ2 and DQ8 Children
Zhao, L. P., Papadopoulos, G. K., Kwok, W. W., Moustakas, A. K., Bondinas, G. P., Larsson, H. E., Ludvigsson, J., Marcus, C., Samuelsson, U., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2020 juli 1, I: Diabetes. 69, 7, s. 1573-1587 15 s.

Screening for autoantibody targets in post-vaccination narcolepsy using proteome arrays
Lind, A., Eriksson, D., Akel, O., Ramelius, A., Palm, L., Lernmark, Å., Kämpe, O., Elding Larsson, H. & Landegren, N., 2020 apr., I: Scandinavian Journal of Immunology. 91, 4, e12864.

Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study
Parikh, H., Lernmark, Å. & TEDDY Study Group, 2020 mars 1, I: Diabetes. 69, 3, s. 465-476 12 s.

Hyaluronan deposition in islets may precede and direct the location of islet immune-cell infiltrates
Bogdani, M., Speake, C., Dufort, M. J., Johnson, P. Y., Larmore, M. J., Day, A. J., Wight, T. N., Lernmark, Å. & Greenbaum, C. J., 2020 mars, I: Diabetologia. 63, 3, s. 549-560 12 s.

Absence of Islet Autoantibodies and Modestly Raised Glucose Values at Diabetes Diagnosis Should Lead to Testing for MODY: Lessons From a 5-Year Pediatric Swedish National Cohort Study
Carlsson, A., Shepherd, M., Ellard, S., Weedon, M., Lernmark, Å., Forsander, G., Colclough, K., Brahimi, Q., Valtonen-Andre, C., Ivarsson, S. A., Elding Larsson, H., Samuelsson, U., Örtqvist, E., Groop, L., Ludvigsson, J., Marcus, C. & Hattersley, A. T., 2020, I: Diabetes Care. 43, 1, s. 82-89

A combined risk score enhances prediction of type 1 diabetes among susceptible children
Ferrat, L. A., Vehik, K., Sharp, S. A., Lernmark, Å., Rewers, M. J., She, J.-X., Ziegler, A.-G., Toppari, J., Akolkar, B., Krischer, J. P., Weedon, M. N., Oram, R. A., Hagopian, W. A. & TEDDY Study Group, 2020, I: Nature Medicine. 26, 8, s. 1247-1255 9 s.

Decreased HLA-DQ expression on peripheral blood cells in children with varying number of beta cell autoantibodies
Andersson Svärd, A., Maziarz, M., Ramelius, A., Lundgren, M., Lernmark, Å., Elding Larsson, H. & DiPiS Study Group, 2020, I: Journal of Translational Autoimmunity. 3, 100052.

Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study
Vehik, K., Bonifacio, E., Lernmark, A., Yu, L., Williams, A., Schatz, D., Rewers, M., She, J.-X., Toppari, J., Hagopian, W., Akolkar, B., Ziegler, A. G., Krischer, J. P. & TEDDY Study Group, 2020, I: Diabetes Care. 43, 9, s. 2066-2073

Next Generation HLA Sequence Analysis Uncovers Seven HLA-DQ Amino Acid Residues and Six Motifs Resistant to Childhood Type 1 Diabetes
Zhao, L. P., Papadopoulos, G. K., Kwok, W. W., Moustakas, A. K., Bondinas, G. P., Carlsson, A., Larsson, H. E., Ludvigsson, J., Marcus, C., Samuelsson, U., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2020, I: Diabetes. 69, 11, s. 2523-2535

Plasma ascorbic acid and the risk of islet autoimmunity and type 1 diabetes: the TEDDY study
Mattila, M., Erlund, I., Lee, H. S., Niinistö, S., Uusitalo, U., Andrén Aronsson, C., Hummel, S., Parikh, H., Rich, S. S., Hagopian, W., Toppari, J., Lernmark, Å., Ziegler, A. G., Rewers, M., Krischer, J. P., Norris, J. M., Virtanen, S. M. & TEDDY Study Group, 2020, I: Diabetologia. 63, 2, s. 278-286

Prospective virome analyses in young children at increased genetic risk for type 1 diabetes
Vehik, K., Lynch, K. F., Wong, M. C., Tian, X., Ross, M. C., Gibbs, R. A., Ajami, N. J., Petrosino, J. F., Rewers, M., Toppari, J., Ziegler, A. G., She, J.-X., Lernmark, A., Akolkar, B., Hagopian, W. A., Schatz, D. A., Krischer, J. P., Hyöty, H., Lloyd, R. E. & TEDDY Study Group, 2019 dec., I: Nature Medicine. 25, 12, s. 1865-1872 8 s.

Reduced display of conformational epitopes in the N-terminal truncated GAD65 isoform: relevance for people with stiff person syndrome or DQ8/8-positive Type 1 diabetes mellitus
Hampe, C. S., Radtke, J. R., Wester, A., Carlsson, A., Cedervall, E., Jönsson, B., Ivarsson, S. A., Elding Larsson, H., Larsson, K., Lindberg, B., Neiderud, J., Rolandsson, O. & Lernmark, 2019 nov., I: Diabetic Medicine. 36, 11, s. 1375-1383 9 s.

Autoimmune (type 1) diabetes
Lindbladh, I., Svärd, A. A. & Lernmark, Å., 2019 okt. 18, *The Autoimmune Diseases.* Rose, N. R. & Mackay, I. R. (red.). 6 uppl. Academic Press, s. 769-787

Genetic Variation Within the HLA-DRA1 Gene Modulates Susceptibility to Type 1 Diabetes in HLA-DR3 Homozygotes
Aydemir, Ö., Noble, J. A., Bailey, J. A., Lernmark, Å., Marsh, P., Andersson Svärd, A., Bearoff, F., Blankenhorn, E. P., Mordes, J. P., Better Diabetes Diagnosis (BDD) Study Group & Carlsson, A. (medarbetare), 2019 juli, I: Diabetes. 68, 7, s. 1523-1527 5 s.

Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report
Krischer, J. P., Liu, X., Vehik, K., Akolkar, B., Hagopian, W. A., Rewers, M. J., She, J.-X., Toppari, J., Ziegler, A.-G., Lernmark, Å., Agardh, D. (medarbetare), Andrén Aronsson, C. (medarbetare), Ask, M. (medarbetare), Bremer, J. (medarbetare), Ericson-Hallström, E. (medarbetare), Björne Fors, A. (medarbetare), Fransson, L. (medarbetare), Gard, T. (medarbetare), Bennet, R. (medarbetare) & Hyberg, S. (medarbetare) och 23 andra, Jisser, H. (medarbetare), Johansen, F. (medarbetare), Jónsdóttir, B. (medarbetare), JOVIC, S. (medarbetare), Elding Larsson, H. (medarbetare), Lindström, M. (medarbetare), Lundgren, M. (medarbetare), Månsson Martinez, M. (medarbetare), Markan, M. (medarbetare), Melin, M. J. (medarbetare), Mestan, Z. (medarbetare), Nilsson, C. N. (medarbetare), Ottosson, K. (medarbetare), Rahmati, K. (medarbetare), Ramelius, A. (medarbetare), Salami, F. (medarbetare), Sjöberg, A. (medarbetare), Sjöberg, B. (medarbetare), Törn, C. (medarbetare), Wallin, A. (medarbetare), Wimar, Å. (medarbetare), Åberg, S. (medarbetare) & TEDDY Study Group, 2019 juni, I: Diabetes Care. 42, 6, s. 1051-1060 10 s.

Maternal dietary supplement use and development of islet autoimmunity in the offspring: TEDDY study
Silvis, K., Aronsson, C. A., Liu, X., Uusitalo, U., Yang, J., Tamura, R., Lernmark, Å., Rewers, M., Hagopian, W., She, J. X., Simell, O., Toppari, J., Ziegler, A., Akolkar, B., Krischer, J., Virtanen, S. M., Norris, J. M. & TEDDY Study Group, 2019 feb. , I: Pediatric Diabetes. 20, 1, s. 86-92 7 s.

Autoantibodies in Pandemrix®-induced narcolepsy: Nine candidate autoantigens fail the conformational autoantibody test
Wallenius, M., Lind, A., Akel, O., Karlsson, E., Svensson, M., Arvidsson, E., Ramelius, A., Törn, C., Palm, L., Lernmark, Å. & Elding Larsson, H., 2019, I: Autoimmunity. 52, 4, s. 185-191 7 s.

Eleven Amino Acids of HLA-DRB1 and Fifteen Amino Acids of HLA-DRB3, 4 and 5 Include Potentially "Causal Residues" Responsible for the Risk of Childhood Type 1 Diabetes
Zhao, L. P., Papadopoulos, G. K., Kwok, B., Xu, B., Kong, M., Moustakas, A. K., Bondinas, G. P., Carlsson, A., Elding-Larsson, H., Ludvigsson, J., Marcus, C., Persson, M., Samuelsson, U., Wang, R., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2019, I: Diabetes. 68, 8, s. 1692-1704

Genetic contribution to the divergence in type 1 diabetes risk between children from the general population and children from affected families
Hippich, M., Beyerlein, A., Hagopian, W. A., Krischer, J. P., Vehik, K., Knoop, J., Winker, C., Toppari, J., Lernmark, Å., Rewers, M. J., Steck, A. K., She, J. X., Akolkar, B., Robertson, C. C., Onengut-Gumuscu, S., Rich, S. S., Bonifacio, E., Ziegler, A. G. & TEDDY Study Group, 2019, I: Diabetes. 68, 4, s. 847-857 11 s.

HLA high-resolution typing by next-generation sequencing in Pandemrix-induced narcolepsy
Lind, A., Akel, O., Wallenius, M., Ramelius, A., Maziarz, M., Zhao, L. P., Geraghty, D. E., Palm, L., Lernmark, Å. & Larsson, H. E., 2019, I: PLoS ONE. 14, 10, s. 1-13 e0222882.

Metabolite-related dietary patterns and the development of islet autoimmunity
Johnson, R. K., Lernmark, Å., Andrén Aronsson, C., Ask, M., Bremer, J., Cilio, C., Ericson-Hallström, E., Björne Fors, A., Fransson, L., Gard, T., Bennet, R., Hansen, M., Hyberg-Karlsson, S., Jisser, H., Johansen, F., Jónsdóttir, B., JOVIC, S., Elding Larsson, H., Lindström, M. & Lundgren, M. och 17 andra, Månsson Martinez, M., Markan, M., Melin, M. J., Mestan, Z., Nilsson, C. N., Ottosson, K., Rahmati, K., Ramelius, A., Salami, F., Sjöberg, A., Sjöberg, B., Törn, C., Wallin, A., Wimar, Å., Åberg, S., Norris, J. M. & TEDDY Study Group, 2019, I: Scientific Reports. 9, 1, 14819.

Progression from islet autoimmunity to clinical type 1 diabetes is influenced by genetic factors: Results from the prospective TEDDY study
Beyerlein, A., Bonifacio, E., Vehik, K., Hippich, M., Winkler, C., Frohnert, B. I., Steck, A. K., Hagopian, W. A., Krischer, J. P., Lernmark, Å., Rewers, M. J., She, J. X., Toppari, J., Akolkar, B., Rich, S. S., Ziegler, A. G. & TEDDY Study Group, 2019, I: Journal of Medical Genetics. 56, 9, s. 602-605

Rationale for enteroviral vaccination and antiviral therapies in human type 1 diabetes
Dunne, J. L., Richardson, S. J., Atkinson, M. A., Craig, M. E., Dahl-Jørgensen, K., Flodström-Tullberg, M., Hyöty, H., Insel, R. A., Lernmark, Å., Lloyd, R. E., Morgan, N. G. & Pugliese, A., 2019, I: Diabetologia. 62, 5, s. 744-753

Time-resolved autoantibody profiling facilitates stratification of preclinical type 1 diabetes in children
Endesfelder, D., zu Castell, W., Bonifacio, E., Rewers, M., Hagopian, W. A., She, J. X., Lernmark, A., Toppari, J., Vehik, K., Williams, A. J. K., Yu, L., Akolkar, B., Krischer, J. P., Ziegler, A. G., Achenbach, P. & TEDDY Study Group, 2019, I: Diabetes. 68, 1, s. 119-130 12 s.

First trimester enterovirus IgM and beta cell autoantibodies in mothers to children affected by type 1 diabetes autoimmunity before 7 years of age
Lind, A., Lynch, K. F., Lundgren, M., Lernmark, Å., Almgren, P., Ramelius, A., Puustinen, L., Hyöty, H. & Lundstig, A., 2018 juni 1, I: Journal of Reproductive Immunology. 127, s. 1-6 6 s.

The Better Diabetes Diagnosis (BDD) study – A review of a nationwide prospective cohort study in Sweden
Persson, M., Becker, C., Elding Larsson, H., Lernmark, Forsander, G., Ivarsson, S. A., Ludvigsson, J., Samuelsson, U., Marcus, C. & Carlsson, A., 2018 juni 1, I: Diabetes Research and Clinical Practice. 140, s. 236-244 9 s.

Novel subgroups of adult-onset diabetes and their association with outcomes: A data-driven cluster analysis of six variables
Ahlqvist, E., Storm, P., Käräjämäki, A., Martinell, M., Dorkhan, M., Carlsson, A., Vikman, P., Prasad, R. B., Aly, D. M., Almgren, P., Wessman, Y., Shaat, N., Spégel, P., Mulder, H., Lindholm, E., Melander, O., Hansson, O., Malmqvist, U., Lernmark, Å. & Lahti, K. och 4 andra, Forsén, T., Tuomi, T., Rosengren, A. H. & Groop, L., 2018 maj, I: The Lancet Diabetes and Endocrinology. 6, 5, s. 361-369

Genetic scores to stratify risk of developing multiple islet autoantibodies and type 1 diabetes: A prospective study in children
Bonifacio, E., Beyerlein, A., Hippich, M., Winkler, C., Vehik, K., Weedon, M. N., Laimighofer, M., Hattersley, A. T., Krumsiek, J., Frohnert, B. I., Steck, A. K., Hagopian, W. A., Krischer, J. P., Lernmark, Å., Rewers, M. J., She, J. X., Toppari, J., Akolkar, B., Oram, R. A. & Rich, S. S. och 2 andra, Ziegler, A. G. & TEDDY Study Group, 2018 apr. 1, I: PLoS Medicine. 15, 4, e1002548.

Early infant diet and islet autoimmunity in the TEDDY study
Uusitalo, U., Lee, H. S., Aronsson, C. A., Vehik, K., Yang, J., Hummel, S., Silvis, K., Lernmark, Å., Rewers, M., Hagopian, W., She, J. X., Simell, O., Toppari, J., Ziegler, A. G., Akolkar, B., Krischer, J., Virtanen, S. M. & Norris, J. M., 2018 mars 1, I: Diabetes Care. 41, 3, s. 522-530 9 s.

Genetic risk scores in adult-onset type 1 diabetes
Leslie, R. D. & Lernmark, Å., 2018 mars 1, I: The Lancet Diabetes and Endocrinology. 6, 3, s. 168-169 2 s.

HLA, infections and inflammation in early stages of atherosclerosis in children with type 1 diabetes
Odermarsky, M., Pesonen, E., Sorsa, T., Lernmark, Å., Pussinen, P. & Liuba, P., 2018 jan., I: Acta Diabetologica. 55, 1, s. 41-47 7 s.

10 år med BDD-studien har gett bättre diabetesdiagnos hos barn: Studiens analysbatteri är nu klinisk rutin och kunskapen om olika diabetessjukdomar har ökat
Carlsson, A., Forsander, G., Ivarsson, S., Larsson, H. E., Lernmark, Å., Ludvigsson, J., Marcus, C., Persson, M. & Samuelsson, U., 2018, I: Läkartidningen. 115, 11, s. 484 1 s.

Caesarean Section on The Risk of Celiac Disease in the Offspring: The Teddy Study
Koletzko, S., Lee, H.-S., Beyerlein, A., Aronsson, C. A., Hummel, M., Liu, E., Simell, V., Kurppa, K., Lernmark, Å., Hagopian, W., Rewers, M., She, J.-X., Simell, O., Toppari, J., Ziegler, A. G., Krischer, J., Agardh, D. & TEDDY Study Group, 2018, I: Journal of Pediatric Gastroenterology and Nutrition. 66, 3, s. 417-424

Early deficits in insulin secretion, beta cell mass and islet blood perfusion precede onset of autoimmune type 1 diabetes in BioBreeding rats
Medina, A., Parween, S., Ullsten, S., Vishnu, N., Siu, Y. T., Quach, M., Bennet, H., Balhuizen, A., Åkesson, L., Wierup, N. , Carlsson, P. O., Ahlgren, U., Lernmark, Å. & Fex, M., 2018, I: Diabetologia. 61, 4, s. 896-905

Gestational respiratory infections interacting with offspring HLA and CTLA-4 modifies incident β-cell autoantibodies
Lynch, K. F., Lee, H.-S., Törn, C., Vehik, K., Krischer, J. P., Larsson, H. E., Haller, M. J., Hagopian, W. A., Rewers, M. J., She, J.-X., Simell, O. G., Toppari, J., Ziegler, A. G., Akolkar, B., Hyöty, H., Bonifacio, E., Lernmark, Å. & TEDDY Study Group, 2018, I: Journal of Autoimmunity. 86, s. 93-103

Identification of non-HLA genes associated with development of islet autoimmunity and type 1 diabetes in the prospective TEDDY cohort
TEDDY Study Group, 2018, I: Journal of Autoimmunity. 89, s. 90-100

Pandemrix® vaccination is not associated with increased risk of islet autoimmunity or type 1 diabetes in the TEDDY study children
TEDDY Study Group, 2018, I: Diabetologia. 61, 1, s. 193-202

Plasma 25-Hydroxyvitamin D concentration and risk of islet autoimmunity
Norris, J. M., Lee, H. S., Frederiksen, B., Erlund, I., Uusitalo, U., Yang, J., Lernmark, Å., Simell, O., Toppari, J., Rewers, M., Ziegler, A. G., She, J. X., Onengut-Gumuscu, S., Chen, W. M., Rich, S. S., Sundvall, J., Akolkar, B., Krischer, J., Virtanen, S. M. & Hagopian, W., 2018, I: Diabetes. 67, 1, s. 146-154 9 s.

Reduction in White Blood Cell, Neutrophil, and Red Blood Cell Counts Related to Sex, HLA, and Islet Autoantibodies in Swedish TEDDY Children at Increased Risk for Type 1 Diabetes
Salami, F., Lee, H. S., Freyhult, E., Elding Larsson, H., Lernmark, Å., Törn, C. & TEDDY Study Group, 2018, I: Diabetes. 67, 11, s. 2329-2336 8 s.

Temporal development of the gut microbiome in early childhood from the TEDDY study
Stewart, C. J., Ajami, N. J., O'Brien, J. L., Hutchinson, D. S., Smith, D. P., Wong, M. C., Ross, M. C., Lloyd, R. E., Doddapaneni, H. V., Metcalf, G. A., Muzny, D., Gibbs, R. A., Vatanen, T., Huttenhower, C., Xavier, R. J., Rewers, M., Hagopian, W., Toppari, J., Ziegler, A. G. & She, J. X. och 6 andra, Akolkar, B., Lernmark, A., Hyoty, H., Vehik, K., Krischer, J. P. & Petrosino, J. F., 2018, I: Nature. 562, 7728, s. 583-588 6 s.

The Environmental Determinants of Diabetes in the Young (TEDDY) Study: 2018 Update
Hyöty, H., Lernmark, Å., Hagopian, W., She, J.-X., Schatz, D. A., Ziegler, A. G., Toppari, J., Akolkar, B. & TEDDY Study Group, 2018, I: Current Diabetes Reports. 18, 12, 186.

The human gut microbiome in early-onset type 1 diabetes from the TEDDY study
Vatanen, T., Franzosa, E. A., Schwager, R., Tripathi, S., Arthur, T. D., Vehik, K., Lernmark, Å., Hagopian, W. A., Rewers, M. J., She, J. X., Toppari, J., Ziegler, A. G., Akolkar, B., Krischer, J. P., Stewart, C. J., Ajami, N. J., Petrosino, J. F., Gevers, D., Lähdesmäki, H. & Vlamakis, H. och 2 andra, Huttenhower, C. & Xavier, R. J., 2018, I: Nature. 562, 7728, s. 589-594 6 s.

Tissue transglutaminase autoantibodies in children with newly diagnosed type 1 diabetes are related to human leukocyte antigen but not to islet autoantibodies: A Swedish nationwide prospective population-based cohort study
Cerqueiro Bybrant, M., Grahnquist, L., Örtqvist, E., Andersson, C., Forsander, G., Elding Larsson, H., Lernmark, Å., Ludvigsson, J., Marcus, C., Carlsson, A. & Ivarsson, S. A., 2018, I: Autoimmunity. 51, 5, s. 221-227

Association Between Early-Life Antibiotic Use and the Risk of Islet or Celiac Disease Autoimmunity
Kemppainen, K. M., Vehik, K., Lynch, K. F., Larsson, H. E., Canepa, R. J., Simell, V., Koletzko, S., Liu, E., Simell, O. G., Toppari, J., Ziegler, A. G., Rewers, M. J., Lernmark, Å., Hagopian, W. A., She, J.-X., Akolkar, B., Schatz, D. A., Atkinson, M. A., Blaser, M. J. & Krischer, J. P. och 4 andra, Hyöty, H., Agardh, D., Triplett, E. W. & TEDDY Study Group, 2017 dec. 1, I: JAMA Pediatrics. 171, 12, s. 1217-1225 9 s.

Co-occurrence of Type 1 Diabetes and Celiac Disease Autoimmunity
Hagopian, W., Lee, H. S., Liu, E., Rewers, M., She, J. X., Ziegler, A. G., Lernmark, Å., Toppari, J., Rich, S. S., Krischer, J. P., Erlich, H., Akolkar, B., Agardh, D. & TEDDY Study Group, 2017 nov. 1, I: Pediatrics. 140, 5, e20171305.

Are Perinatal Events Risk Factors for Childhood Thyroid Autoimmunity?
Jonsdottir, B., Lundgren, M., Wallengren, S., Lernmark, Å., Jönsson, I., Elding Larsson, H. & DiPiS Study Group, 2017 nov., I: European Thyroid Journal. 6, 6, s. 298-306

Genetic and environmental interactions modify the risk of diabetes-related autoimmunity by 6 years of age: The teddy study
Krischer, J. P., Lynch, K. F., Lernmark, A., Hagopian, W. A., Rewers, M. J., She, J.-X., Toppari, J., Ziegler, A. G. & Akolkar, B., 2017 sep. 1, I: Diabetes Care. 40, 9, s. 1194-1202 9 s.

Different DRB1*03: 01-DQB1*02:01 haplotypes confer different risk for celiac disease
Alshiekh, S., Zhao, L. P., Lernmark, Geraghty, D. E., Naluai, A. T. & Agardh, D., 2017 aug. 1, I: HLA: Immune Response Genetics. 90, 2, s. 95-101 7 s.

The feasibility of salivary sample collection in an international pediatric cohort: The the TEDDY study
Roth, R., Baxter, J., Vehik, K., Hopkins, D., Killian, M., Gesualdo, P., Melin, M. J., Simell, B., Strauss, E., Lernmark, Å., Johnson, S. B. & TEDDY Study Group, 2017 juli 1, I: Developmental Psychobiology. 59, 5, s. 658-667 10 s.

Analgesic antipyretic use among young children in the TEDDY study: No association with islet autoimmunity
Lundgren, M., Steed, L. J., Tamura, R. N., Jonsdottir, B., Gesualdo, P., Crouch, C. C., Sjöberg, M., Hansson, G., Hagopian, W. A., Ziegler, A.-G., Rewers, M. J., Lernmark, Å., Toppari, J., She, J.-X., Akolkar, B., Krischer, J. P., Haller, M. J., Elding Larsson, H., Bautista, K. & Baxter, J. och 193 andra, Bedoy, R., Felipe-Morales, D., Driscoll, K., Frohnert, B. I., Hoffman, M., Karban, R., Liu, E., Norris, J., Samper-Imaz, A., Steck, A. K., Waugh, K., Wright, H., Simell, O. G., Adamsson, A., Ahonen, S., Hyöty, H., Ilonen, J., Jokipuu, S., Kallio, T., Karlsson, L., Kähönen, M., Knip, M., Kovanen, L., Koreasalo, M., Kurppa, K., Latvaaho, T., Lönnrot, M., Mäntymäki, E., Multasuo, K., Mykkänen, J., Niininen, T., Niinistö, S., Nyblom, M., Rajala, P., Rautanen, J., Riikonen, A., Riikonen, M., Rouhiainen, J., Romo, M., Simell, T., Simell, V., Stenius,

A., Leppänen, M., Vainionpää, S., Varjonen, E., Veijola, R., Virtanen, S. M., Vähä-Mäkilä, M., Åkerlund, M., Lindfors, K., Schatz, D., Hopkins, D., Thomas, J., Adams, J., Silvis, K., Gardiner, M., McIndoe, R., Sharma, A., Williams, J. W., Young, G., Anderson, S. W., Jacobsen, L. M., Beyerlein, A., Bonifacio, E., Hummel, M., Hummel, S., Foterek, K., Janz, N., Kersting, M., Knopff, A., Koletzko, S., Peplow, C., Roth, R., Scholz, M., Stock, J., Warncke, K., Wendel, L., Winkler, C., Agardh, D., Aronsson, C. A., Ask, M., Bremer, J., Carlsson, U. M., Cilio, C., Ericson-Hallström, E., Fransson, L., Gard, T., Gerardsson, J., Bennet, R., Hansen, M., Hyberg, S., Johansen, F., Lindström, M., Månsson-Martinez, M., Markan, M., Melin, J., Mestan, Z., Ottosson, K., Rahmati, K., Ramelius, A., Salami, F., Sibthorpe, S., Sjöberg, B., Swartling, U., Amboh, E. T., Törn, C., Wallin, A., Wimar, Å., Åberg, S., Michael Killian, K., Skidmore, J., Carson, J., Dalzell, M., Dunson, K., Hervey, R., Johnson, C., Lyons, R., Meyer, A., Mulenga, D., Tarr, A., Uland, M., Willis, J., Becker, D., Franciscus, M., Ellen, M., Smith, M. E. D. E., Daftary, A., Klein, M. B., Yates, C., Abbondondolo, M., Austin-Gonzalez, S., Avendano, M., Baethke, S., Brown, R., Burkhardt, B. R., Butterworth, M., Clasen, J., Cuthbertson, D., Christopher Eberhard, E., Fiske, S. W., Garcia, D., Garmeson, J., Gowda, V., Heyman, K., Laras, F. P., Lee, H.-S., Liu, S., Liu, X., Lynch, K., Malloy, J., McCarthy, C., Meulemans, S., Parikh, H., Shaffer, C., Smith, L., Smith, S., Sulman, N., Uusitalo, U., Vehik, K., Vijayakandipan, P., Wood, K., Yang, J., Lori Ballard, R. D., Hadley, D., Mcleod, W., Yu, L., Miao, D., Bingley, P. J., Williams, A., Chandler, K., Rokni, S., Williams, C. L., Wyatt, R., George, G., Grace, S., Erlich, H., Mack, S. J., Fear, A. L., Ke, S., Mulholland, N., Rich, S., Chen, W.-M., Onengut-Gumuscu, S., Farber, E., Pickin, R. R., Davis, J., Gallo, D., Bonnie, J., Campolieto, P., Bourcier, K., Briese, T., Johnson, S. B. & Triplett, E. W., 2017 maj 16, I: BMC Pediatrics. 17, 1 , 127.

Type 1 diabetes mellitus

Katsarou, A., Gudbjörnsdottir, S., Rawshani, A., Dabelea, D., Bonifacio, E., Anderson, B. J., Jacobsen, L. M., Schatz, D. A. & Lernmark, A., 2017 mars 30, I: Nature Reviews Disease Primers. 3, 17016.

First infant formula type and risk of islet autoimmunity in the environmental determinants of diabetes in the young (TEDDY) study

Hummel, S., Beyerlein, A., Tamura, R. N., Uusitalo, U., Andŕen Aronsson, C., Yang, J., Riikonen, A., Lernmark, A., Rewers, M. J., Hagopian, W. A., She, J.-X., Simell, O. G., Toppari, J., Ziegler, A.-G., Akolkar, B., Krischer, J. P., Virtanen, S. M. & Norris, J. M., 2017 mars 1, I: Diabetes Care. 40, 3, s. 398-404 7 s.

Psychological manifestations of celiac disease autoimmunity in young children

Smith, L. B., Lynch, K., Kurppa, K., Koletzko, S., Krischer, J., Liu, E., Johnson, S. B., Agardh, D., Rewers, M., Bautista, K., Baxter, J., Lernmark, Å., Aronsson, C. A., Ask, M., Bremer, J., Carlsson, U. M., Cilio, C., Ericson-Hallström, E., Fransson, L. & Gard, T. och 31 andra, Gerardsson, J., Bennet, R., Hansen, M., Hansson, G., Harmby, C., Hyberg-Karlsson, S., Johansen, F., Jonsdottir, B., Larsson, H. E., Forss, S. L., Lundgren, M., Månsson-Martinez, M., Markan, M., Melin, M. J., Mestan, Z., Rahmati, K., Ramelius, A., Rosenquist, A., Salami, F., Sibthorpe, S., Sjöberg, B., Swartling, U., Amboh, E. T., Törn, C., Wallin, A., Wimar, Å., Åberg, S., Lynch, K., Parikh, H., Vehik, K. & TEDDY Study Group, 2017 mars 1, I: Pediatrics. 139, 3, e20162848.

An Increased Diagnostic Sensitivity of Truncated GAD65 Autoantibodies in Type 1 Diabetes May Be Related to HLA-DQ8

Wester, A., Skärstrand, H., Lind, A., Ramelius, A., Carlsson, A., Cedervall, E., Jönsson, B., Ivarsson, S. A., Larsson, H., Larsson, K., Lindberg, B., Neiderud, J., Fex, M., Törn, C. & Lernmark, Å., 2017 mars, I: Diabetes. 66, 3, s. 735-740 6 s.

Longitudinal analysis of hepatic transcriptome and serum metabolome demonstrates altered lipid metabolism following the onset of hyperglycemia in spontaneously diabetic BioBreeding rats

Regnell, S. E., Hessner, M. J., Jia, S., Åkesson, L., Stenlund, H., Moritz, T., La Torre, D. & Lernmark, Å., 2017 feb. 1, I: PLoS ONE. 12, 2, 0171372.

Islet autoantibodies present in association with Ljungan virus infection in bank voles (Myodes glareolus) in northern Sweden

Warvsten, A., Björnfors, M., Arvidsson, M., Vaziri-Sani, F., Jönsson, I., Olsson, G. E., Ahlm, C., Larsson, H. E., Lernmark, Å. & Nilsson, A.-L., 2017 jan., I: Journal of Medical Virology. 89, 1, s. 24-31 8 s.

Antibody Affinity Against 2009 A/H1N1 Influenza and Pandemrix Vaccine Nucleoproteins Differs Between Childhood Narcolepsy Patients and Controls

Lind, A., Freyhult, E., Ramelius, A., Olsson, T., Arnheim-Dahlström, L., Lamb, F., Khademi, M., Ambati, A., Maeurer, M., Lima Bomfim, I., Fink, K., Fex, M., Törn, C., Elding Larsson, H. & Lernmark, Å., 2017, I: Viral Immunology. 30, 8, s. 590-600

Autoimmune Type 1 Diabetes
Alshiekh, S., Larsson, H. E., Ivarsson, S. A. & Lernmark, Å., 2017, *Textbook of Diabetes.* Hold, R., Cockram, C., Flyvbjerg, A. & Goldstein, B. (red.). 5th uppl. Chichester: Wiley, s. 143-153

Building and validating a prediction model for paediatric type 1 diabetes risk using next generation targeted sequencing of class II HLA genes
Zhao, L. P., Carlsson, A., Larsson, H. E., Forsander, G., Ivarsson, S. A., Kockum, I., Ludvigsson, J., Marcus, C., Persson, M., Samuelsson, U., Örtqvist, E., Pyo, C.-W., Bolouri, H., Zhao, M., Nelson, W. C., Geraghty, D. E., Lernmark, Å. & Better Diabetes Diagnosis (BDD) Study Group, 2017, I: Diabetes/Metabolism Research and Reviews. 33, 8, e2921.

Early prediction of autoimmune (type 1) diabetes
Regnell, S. E. & Lernmark, Å., 2017, I: Diabetologia. 60, 8, s. 1370-1381

Factors That Increase Risk of Celiac Disease Autoimmunity After a Gastrointestinal Infection in Early Life
Kemppainen, K. M., Lynch, K. F., Liu, E., Lönnrot, M., Simell, V., Briese, T., Koletzko, S., Hagopian, W., Rewers, M., She, J.-X., Simell, O., Toppari, J., Ziegler, A.-G., Akolkar, B., Krischer, J. P., Lernmark, Å., Hyöty, H., Triplett, E. W. & Agardh, D., 2017, I: Clinical Gastroenterology and Hepatology. 15, 5, s. 694-702.e5

Joint modeling of longitudinal autoantibody patterns and progression to type 1 diabetes: results from the TEDDY study
Köhler, M., Beyerlein, A., Vehik, K., Greven, S., Umlauf, N., Lernmark, Å., Hagopian, W. A., Rewers, M., She, J.-X., Toppari, J., Akolkar, B., Krischer, J. P., Bonifacio, E., Ziegler, A.-G. & TEDDY Study Group, 2017, I: Acta Diabetologica. 54, 11, s. 1009-1017

Maternal use of dietary supplements during pregnancy is not associated with coeliac disease in the offspring: The Environmental Determinants of Diabetes in the Young (TEDDY) study
Yang, J., Tamura, R. N., Andrén Aronsson, C., Uusitalo, U. M., Lernmark, Å., Rewers, M., Hagopian, W. A., She, J.-X., Toppari, J., Ziegler, A.-G., Akolkar, B., Krischer, J. P., Norris, J. M., Virtanen, S. M. & Agardh, D., 2017, I: British Journal of Nutrition. 117, 3, s. 466-472

Milk powder in relation to gluten intake and the risk of celiac disease during early childhood: a Swedish case-control study.
Hård af Segerstad, E. M., Lee, H.-S., Andrén Aronsson, C., Yang, J., Uusitalo, U. M., Sjöholm, I., Rayner, M., Kurppa, K., Lernmark, A., Virtanen, S. M., Norris, J., Agardh, D. & TEDDY Study Group, 2017.

Residual beta-cell function in diabetes children followed and diagnosed in the TEDDY study compared to community controls
Steck, A. K., Larsson, H. E., Liu, X., Veijola, R., Toppari, J., Hagopian, W. A., Haller, M. J., Ahmed, S., Akolkar, B., Lernmark, Å., Rewers, M. J. & Krischer, J. P., 2017, I: Pediatric Diabetes. 18, 8, s. 794-802

Respiratory infections are temporally associated with initiation of type 1 diabetes autoimmunity: the TEDDY study
TEDDY Study Group, 2017, I: Diabetologia. 60, 10, s. 1931-1940

The Influence of Type 1 Diabetes Genetic Susceptibility Regions, Age, Sex, and Family History to the Progression from Multiple Autoantibodies to Type 1 Diabetes:A TEDDY Study Report: A TEDDY Study Report
Krischer, J. P., Liu, X., Lernmark, Å., Hagopian, W. A., Rewers, M. J., She, J.-X., Toppari, J., Ziegler, A.-G., Akolkar, B. & TEDDY Study Group, 2017, I: Diabetes. 66, 12, s. 3122-3129

Thyroid and islet autoantibodies predict autoimmune thyroid disease already at Type 1 diabetes diagnosis
Jonsdottir, B., Larsson, C., Carlsson, A., Forsander, G., Ivarsson, S. A., Lernmark, Å., Ludvigsson, J., Marcus, C., Samuelsson, U., Örtqvist, E., Elding Larsson, H. & Better Diabetes Diagnosis (BDD) Study Group, 2017, I: The Journal of clinical endocrinology and metabolism. 102, 4, s. 1277-1285

Understanding and preventing type 1 diabetes through the unique working model of TrialNet
Battaglia, M., Anderson, M. S., Buckner, J. H., Geyer, S. M., Gottlieb, P. A., Kay, T. W. H., Lernmark, Å., Muller, S., Pugliese, A., Roep, B. O., Greenbaum, C. J. & Peakman, M., 2017, I: Diabetologia. 60, 11, s. 2139-2147

Increased DNA methylation variability in type 1 diabetes across three immune effector cell types

Paul, D. S., Teschendorff, A. E., Dang, M. A. N., Lowe, R., Hawa, M. I., Ecker, S., Beyan, H., Cunningham, S., Fouts, A. R., Ramelius, A., Burden, F., Farrow, S., Rowlston, S., Rehnstrom, K., Frontini, M., Downes, K., Busche, S., Cheung, W. A., Ge, B. & Simon, M. M. och 25 andra, Bujold, D., Kwan, T., Bourque, G., Datta, A., Lowy, E., Clarke, L., Flicek, P., Libertini, E., Heath, S., Gut, M., Gut, I. G., Ouwehand, W. H., Pastinen, T., Soranzo, N., Hofer, S. E., Karges, B., Meissner, T., Boehm, B. O., Cilio, C., Larsson, H. E., Lernmark, Å., Steck, A. K., Rakyan, V. K., Beck, S. & Leslie, R. D., 2016 nov. 29, I: Nature Communications. 7, 13555.

Reversion of β-cell autoimmunity changes risk of type 1 diabetes: TEDDY study

Vehik, K., Lynch, K. F., Schatz, D. A., Akolkar, B., Hagopian, W., Rewers, M., She, J. X., Simell, O., Toppari, J., Ziegle, A. G., Lernmark, Å., Bonifacio, E. & Krischer, J. P., 2016 sep. 1, I: Diabetes Care. 39, 9, s. 1535-1542 8 s.

A Comparison of Rule-based Analysis with Regression Methods in Understanding the Risk Factors for Study Withdrawal in a Pediatric Study

Haghighi, M., Johnson, S. B., Qian, X., Lynch, K. F., Vehik, K., Huang, S., Rewers, M., Barriga, K., Baxter, J., Eisenbarth, G., Frank, N., Gesualdo, P., Hoffman, M., Norris, J., Ide, L., Robinson, J., Waugh, K., She, J. X., Schatz, D. & Hopkins, D. och 137 andra, Steed, L., Choate, A., Silvis, K., Shankar, M., Huang, Y. H., Yang, P., Wang, H. J., Leggett, J., English, K., McIndoe, R., Dequesada, A., Haller, M., Anderson, S. W., Ziegler, A. G., Boerschmann, H., Bonifacio, E., Bunk, M., Försch, J., Henneberger, L., Hummel, M., Hummel, S., Joslowski, G., Kersting, M., Knopff, A., Kocher, N., Koletzko, S., Krause, S., Lauber, C., Mollenhauer, U., Peplow, C., Pflüger, M., Pöhlmann, D., Ramminger, C., Rash-Sur, S., Roth, R., Schenkel, J., Thümer, L., Voit, K., Winkler, C., Zwilling, M., Simell, O. G., Nanto-Salonen, K., Ilonen, J., Knip, M., Veijola, R., Simell, T., Hyöty, H., Virtanen, S. M., Kronberg-Kippilä, C., Torma, M., Simell, B., Ruohonen, E., Romo, M., Mantymaki, E., Schroderus, H., Nyblom, M., Stenius, A., Lernmark, Å., Agardh, D., Almgren, P., Andersson, E., Andrén-Aronsson, C., Ask, M., Karlsson, U. M., Cilio, C., Bremer, J., Ericson-Hallström, E., Gard, T., Gerardsson, J., Gustavsson, U., Hansson, G., Hansen, M., Hyberg, S., Håkansson, R., Ivarsson, S., Johansen, F., Larsson, H., Lernmark, B., Markan, M., Massadakis, T., Melin, J., Månsson-Martinez, M., Nilsson, A., Nilsson, E., Rahmati, K., Rang, S., Järvirova, M. S., Sibthorpe, S., Sjöberg, B., Törn, C., Wallin, A., Wimar, Å., Hagopian, W. A., Yan, X., Killian, M., Crouch, C. C., Hay, K. M., Ayres, S., Adams, C., Bratrude, B., Fowler, G., Franco, C., Hammar, C., Heaney, D., Marcus, P., Meyer, A., Mulenga, D., Scott, E., Skidmore, J., Small, E., Stabbert, J., Stepitova, V., Becker, D., Franciscus, M., Dalmagro-Elias Smith, M., Daftary, A., Krischer, J. P., Abbondondolo, M., Ballard, L., Brown, R., Cuthbertson, D., Eberhard, C., Gowda, V., Lee, H. S., Liu, S., Malloy, J., McCarthy, C., McLeod, W., Smith, L., Smith, S., Smith, S., Uusitalo, U., Yang, J., Akolkar, B., Briese, T., Erlich, H. & Oberste, S., 2016 aug. 26, I: Scientific Reports. 6, 30828.

Environmental factors in the etiology of type 1 diabetes, celiac disease, and narcolepsy

Lernmark, Å., 2016 juli 1, I: Pediatric Diabetes. 17, S22, s. 65-72 8 s.

Growth and risk for islet autoimmunity and progression to type 1 diabetes in early childhood: The environmental determinants of diabetes in the young study

Larsson, H. E., Vehik, K., Haller, M. J., Liu, X., Akolkar, B., Hagopian, W., Krischer, J., Lernmark, Å., She, J. X., Simell, O., Toppari, J., Ziegler, A. G. & Rewers, M., 2016 juli 1, I: Diabetes. 65, 7, s. 1988-1995 8 s.

Complement gene variants in relation to autoantibodies to beta cell specific antigens and type 1 diabetes in the TEDDY Study

Törn, C., Liu, X., Hagopian, W., Lernmark, Å., Simell, O., Rewers, M., Ziegler, A. G., Schatz, D., Akolkar, B., Onengut-Gumuscu, S., Chen, W. M., Toppari, J., Mykkänen, J., Ilonen, J., Rich, S. S., She, J. X., Sharma, A., Steck, A., Krischer, J. & Agardh, D. och 34 andra, Andrén Aronsson, C., Ask, M., Bennet, R., Bremer, J., Carlsson, U.-M., Cilio, C., Larsson, H., Ericson-Hallström, E., Fransson, L., Gard, T., Gerardsson, J., Hansen, M., Hansson, G., Harmby, C., Hyberg-Karlsson, S., Johansen, F., Jonsdottir, B., Lenrick Forss, S., Lundgren, M., Markan, M., Melin, M. J., Mestan, Z., Månsson Martinez, M., Rahmati, K., Ramelius, A., Rosenquist, A., Salami, F., Sibthorpe, S., Sjöberg, B., Swartling, U., Amboh, E. T., Wallin, A., Wimar, Å. & Åberg, S., 2016 juni 16, I: Scientific Reports. 6, 27887.

Genetic risk factors for type 1 diabetes

Pociot, F. & Lernmark, Å., 2016 juni 4, I: The Lancet. 387, 10035, s. 2331-2339 9 s.

An Object-Oriented Regression for Building Disease Predictive Models with Multiallelic HLA Genes

Zhao, L. P., Bolouri, H., Zhao, M., Geraghty, D. E. & Lernmark, Å., 2016 maj 1, I: Genetic Epidemiology. 40, 4, s. 315-332 18 s.

Type 1 Diabetes
Lernmark, Å. & Alshiekh, S., 2016 apr. 27, *Encyclopedia of immunobiology : Physiology and Immune System Dysfunction.* Ratcliffe, M. J. H. (red.). Oxford: Academic Press, Vol. 5. s. 159-167 9 s.

Pancreas volume and fat fraction in children with Type 1 diabetes
ERINGSMARK REGNÉLL, S., Peterson, P., Trinh, L., Broberg, P., Leander, P., Lernmark, Å., Månsson, S. & Elding Larsson, H., 2016 mars 21, I: Diabetic Medicine. 33, 10, s. 1374-1379

Altered regulatory T cell phenotype in latent autoimmune diabetes of the adults (LADA)
Radenkovic, M., Silver, C., Arvastsson, J., Lynch, K., Lernmark, Å., Harris, R. A., Agardh, C. D. & Cilio, C. M., 2016, I: Clinical and Experimental Immunology. 186, 1, s. 46-56 11 s.

Diabetes at the crossroads: relevance of disease classification to pathophysiology and treatment.
Leslie, R. D., Palmer, J., Schloot, N. C. & Lernmark, Å., 2016, I: Diabetologia. 59, 1, s. 13-20

Effects of Gluten Intake on Risk of Celiac Disease: a case-control study on a Swedish birth cohort.
Andrén Aronsson, C., Lee, H.-S., Koletzko, S., Uusitalo, U., Yang, J., Virtanen, S. M., Liu, E., Lernmark, Å., Norris, J. M. & Agardh, D., 2016, I: Clinical Gastroenterology and Hepatology. 14, 3, s. 403-409

Identification of Non-HLA Genes Associated with Celiac Disease and Country-Specific Differences in a Large, International Pediatric Cohort
Sharma, A., Liu, X., Hadley, D., Hagopian, W., Liu, E., Chen, W.-M., Onengut-Gumuscu, S., Simell, V., Rewers, M., Ziegler, A.-G., Lernmark, Å., Simell, O., Toppari, J., Krischer, J. P., Akolkar, B., Rich, S. S., Agardh, D., She, J.-X. & TEDDY Study Group, 2016, I: PLoS ONE. 11, 3, s. e0152476

Next generation sequencing reveals that HLA-DRB3, -DRB4 and -DRB5 may be associated with islet autoantibodies and risk for childhood type 1 diabetes.
Zhao, L. P., Alshiekh, S., Carlsson, A., Larsson, H., Forsander, G., Ivarsson, S., Ludvigsson, J., Kockum, I., Marcus, C., Persson, M., Samuelsson, U., Örtqvist, E., Pyo, C.-W., Nelson, W. C., Geraghty, D. E. & Lernmark, Å., 2016, I: Diabetes. 65, 3, s. 710-718

Type 1 (Insulin-Dependent) Diabetes Mellitus: Etiology, Pathogenesis, Prediction, and Prevention
Delli, A. J. & Lernmark, Å., 2016, *Endocrinology: Adult and Pediatric.* Jameson, J. L., de Kretser, D. M., Grossman, A. B., Potts Jr., J. T., De Groot, L. J., Melmed, S. & Weir, G. C. (red.). 7 uppl. Elsevier, Vol. 1-2. s. 672-690.e5

A Functional Polymorphism of Ptpn22 Is Associated with Type 1 Diabetes in the BioBreeding Rat.
Sarmiento, J., Wallis, R. H., Ning, T., Marandi, L., Chao, G., Veillette, A., Lernmark, Å., Paterson, A. D. & Poussier, P., 2015, I: Journal of Immunology. 194, 2, s. 615-629

A method for reporting and classifying acute infectious diseases in a prospective study of young children: TEDDY
Lönnrot, M., Lynch, K., Larsson, H., Lernmark, Å., Rewers, M., Hagopian, W., She, J.-X., Simell, O., Ziegler, A.-G., Akolkar, B., Krischer, J. & Hyöty, H., 2015, I: BMC Pediatrics. 15, 24.

Association of Early Exposure of Probiotics and Islet Autoimmunity in the TEDDY Study.
Uusitalo, U., Liu, X., Yang, J., Andrén Aronsson, C., Hummel, S., Butterworth, M., Lernmark, Å., Rewers, M., Hagopian, W., She, J.-X., Simell, O., Toppari, J., Ziegler, A. G., Akolkar, B., Krischer, J., Norris, J. M. & Virtanen, S. M., 2015, I: JAMA Pediatrics. 170, 1, s. 20-28

Baseline heterogeneity in glucose metabolism marks the risk for type 1 diabetes and complicates secondary prevention.
Larsson, H., Larsson, C. & Lernmark, Å., 2015, I: Acta Diabetologica. 52, 3, s. 473-481

Cell-surface MHC density profiling reveals instability of autoimmunity-associated HLA
Miyadera, H., Ohashi, J., Lernmark, Å., Kitamura, T. & Tokunaga, K., 2015, I: Journal of Clinical Investigation. 125, 1, s. 275-291

Determination of 21-hydroxylase autoantibodies: inter-laboratory concordance in the Euradrenal International Serum Exchange Program
Falorni, A., Bini, V., Betterle, C., Brozzetti, A., Castano, L., Fichna, M., Kampe, O., Mellgren, G., Peterson, P., Chen, S., Ronnelid, J., Seissler, J., Tiberti, C., Uibo, R., Yu, L., Lernmark, Å. & Husebye, E., 2015, I: Clinical Chemistry and Laboratory Medicine. 53, 11, s. 1761-1770

Dietary intake of soluble fiber and risk of islet autoimmunity by 5 y of age: results from the TEDDY study.
Beyerlein, A., Liu, X., Uusitalo, U. M., Harsunen, M., Norris, J. M., Foterek, K., Virtanen, S. M., Rewers, M. J., She, J.-X., Simell, O., Lernmark, Å., Hagopian, W., Akolkar, B., Ziegler, A.-G., Krischer, J. P. & Hummel, S., 2015, I: American Journal of Clinical Nutrition. 102, 2, s. 345-352

Doubly reactive INS-IGF2 autoantibodies in children with newly diagnosed autoimmune (type 1) diabetes.
Kanatsuna, N., Delli, A., Andersson, C. K., Nilsson, A.-L., Vaziri Sani, F., Larsson, K., Carlsson, A., Cedervall, E., Jönsson, B., Neiderud, J., Larsson, H., Ivarsson, S., Törn, C., Fex, M. & Lernmark, Å., 2015, I: Scandinavian Journal of Immunology. 82, 4, s. 361-369

Early Childhood Gut Microbiomes Show Strong Geographic Differences Among Subjects at High Risk for Type 1 Diabetes.
Kemppainen, K. M., Ardissone, A. N., Davis-Richardson, A. G., Fagen, J. R., Gano, K. A., León-Novelo, L. G., Vehik, K., Casella, G., Simell, O., Ziegler, A. G., Rewers, M. J., Lernmark, Å., Hagopian, W., She, J.-X., Krischer, J. P., Akolkar, B., Schatz, D. A., Atkinson, M. A. & Triplett, E. W., 2015, I: Diabetes Care. 38, 2, s. 329-332

Elevated Serum GAD65 and GAD65-GADA Immune Complexes in Stiff Person Syndrome.
Gu Urban, G. J., Friedman, M., Ren, P., Törn, C., Fex, M., Hampe, C. S., Lernmark, Å., Landegren, U. & Kamali-Moghaddam, M., 2015, I: Scientific Reports. 5, 11196.

Factors associated with longitudinal food record compliance in a paediatric cohort study.
Yang, J., Lynch, K. F., Uusitalo, U. M., Foterek, K., Hummel, S., Silvis, K., Andrén Aronsson, C., Riikonen, A., Rewers, M., She, J.-X., Ziegler, A. G., Simell, O. G., Toppari, J., Hagopian, W. A., Lernmark, Å., Akolkar, B., Krischer, J. P., Norris, J. M., Virtanen, S. M. & Johnson, S. B., 2015, I: Public Health Nutrition. Jun 19, s. 1-10

Immunology of β-Cell Destruction
Lernmark, Å., LA TORRE, D., LUNDGREN, M. & Larsson, H., 2015, *Islets of Langerhans.* Islam, M. S. (red.). 2nd uppl. Springer, s. 1047-1080

Magnetic resonance imaging reveals altered distribution of hepatic fat in children with type 1 diabetes compared to controls.
Regnell, S., Peterson, P., Trinh, L., Broberg, P., Leander, P., Lernmark, Å., Månsson, S. & Larsson, H., 2015, I: Metabolism, Clinical and Experimental. 64, 8, s. 872-878

Neuropeptide Y is a minor autoantigen in newly diagnosed type 1 diabetes patients.
Skärstrand, H., Vaziri Sani, F., Delli, A., Törn, C., Larsson, H., Ivarsson, S., Agardh, D. & Lernmark, Å., 2015, I: Pediatric Diabetes. 16, 8, s. 621-628

Non-HLA type 1 diabetes genes modulate disease risk together with HLA-DQ and islet autoantibodies.
Maziarz, M., Hagopian, W., Palmer, J. P., Sanjeevi, C. B., Kockum, I., Breslow, N. & Lernmark, Å., 2015, I: Genes and Immunity. 16, 8, s. 541-551

Plasma GAD65, a Marker for Early beta-Cell Loss After Intraportal Islet Cell Transplantation in Diabetic Patients
Ling, Z., De Pauw, P., Jacobs-Tulleneers-Thevissen, D., Mao, R., Gillard, P., Hampe, C. S., Martens, G. A., Veld, P. I., Lernmark, Å., Keymeulen, B., Gorus, F. & Pipeleers, D., 2015, I: Journal of Clinical Endocrinology and Metabolism. 100, 6 , s. 2314-2321

Predictors of Progression From the Appearance of Islet Autoantibodies to Early Childhood Diabetes: The Environmental Determinants of Diabetes in the Young (TEDDY).
Steck, A. K., Vehik, K., Bonifacio, E., Lernmark, Å., Ziegler, A.-G., Hagopian, W. A., She, J., Simell, O., Akolkar, B., Krischer, J., Schatz, D. & Rewers, M. J., 2015, I: Diabetes Care. 38, 5, s. 808-813

Prevalence of celiac disease autoimmunity in children with type 1 diabetes: regional variations across the Øresund strait between Denmark and southernmost Sweden.
Adlercreutz, E., Svensson, J., Hansen, D., Buschard, K., Lernmark, Å., Mortensen, H. B. & Agardh, D., 2015, I: Pediatric Diabetes. 16, 7, s. 504-509

Role of Type 1 diabetes associated SNPs on risk of autoantibody positivity in the TEDDY Study.
Törn, C., Hadley, D., Lee, H.-S., Hagopian, W., Lernmark, Å., Simell, O., Rewers, M., Ziegler, A., Schatz, D., Akolkar, B., Onengut-Gumuscu, S., Chen, W.-M., Toppari, J., Mykkänen, J., Ilonen, J., Rich, S. S., She, J.-X., Steck, A. K. & Krischer, J., 2015, I: Diabetes. 64, 5, s. 1818-1829

Serological evaluation of possible exposure to Ljungan virus and related parechovirus in autoimmune (type 1) diabetes in children.
Nilsson, A.-L., Vaziri Sani, F., Broberg, P., Elfaitouri, A., Pipkorn, R., Blomberg, J., Ivarsson, S., Larsson, H. & Lernmark, Å., 2015, I: Journal of Medical Virology. 87, 7, s. 1130-1140

Staging Presymptomatic Type 1 Diabetes: A Scientific Statement of JDRF, the Endocrine Society, and the American Diabetes Association.
Insel, R. A., Dunne, J. L., Atkinson, M. A., Chiang, J. L., Dabelea, D., Gottlieb, P. A., Greenbaum, C. J., Herold, K. C., Krischer, J. P., Lernmark, Å., Ratner, R. E., Rewers, M. J., Schatz, D. A., Skyler, J. S., Sosenko, J. M. & Ziegler, A.-G., 2015, I: Diabetes Care. 38, 10, s. 1964-1974

The 6 year incidence of diabetes-associated autoantibodies in genetically at-risk children: the TEDDY study
Krischer, J. P., Lynch, K. F., Schatz, D. A., Ilonen, J., Lernmark, Å., Hagopian, W. A., Rewers, M. J., She, J.-X., Simell, O. G., Toppari, J., Ziegler, A.-G., Akolkar, B. & Bonifacio, E., 2015, I: Diabetologia. 58, 5, s. 980-987

The streetlight effect-is there light at the end of the tunnel?
Lernmark, Å., 2015, I: Diabetes. 64, 4, s. 1105-1107

ZnT8 autoantibody epitope specificity and affinity examined with recombinant ZnT8 variant proteins in specific ZnT8R and ZnT8W autoantibody positive type 1 diabetes patients.
Skärstrand, H., Krupinska, E., Haataja, T., Vaziri Sani, F., Lagerstedt, J. & Lernmark, Å., 2015, I: Clinical and Experimental Immunology. 179, 2, s. 220-229

Activating germline mutations in STAT3 cause early-onset multi-organ autoimmune disease.
Flanagan, S. E., Haapaniemi, E., Russell, M. A., Caswell, R., Lango Allen, H., De Franco, E., McDonald, T. J., Rajala, H., Ramelius, A., Barton, J., Heiskanen, K., Heiskanen-Kosma, T., Kajosaari, M., Murphy, N. P., Milenkovic, T., Seppänen, M., Lernmark, Å., Mustjoki, S., Otonkoski, T. & Kere, J. och 3 andra, Morgan, N. G., Ellard, S. & Hattersley, A. T., 2014, I: Nature Genetics. 46, 8, s. 812-814

A/H1N1 antibodies and TRIB2 autoantibodies in narcolepsy patients diagnosed in conjunction with the Pandemrix vaccination campaign in Sweden 2009-2010.
Lind, A., Ramelius, A., Olsson, T., Arnheim-Dahlström, L., Lamb, F., Khademi, M., Ambati, A., Maeurer, M., Nilsson, A.-L., Bomfim, I. L., Fink, K. & Lernmark, Å., 2014, I: Journal of Autoimmunity. 50, Jan 28, s. 99-106

Antibodies to influenza virus A/H1N1 hemagglutinin in type 1 diabetes children diagnosed before, during and after the Swedish A(H1N1)pdm09 vaccination campaign 2009-2010.
Svensson, M., Ramelius, A., Nilsson, A.-L., Delli, A., Larsson, H., Carlsson, A., Forsander, G., Ivarsson, S., Ludvigsson, J., Kockum, I., Marcus, C., Samuelsson, U., Ortqvist, E. & Lernmark, Å., 2014, I: Scandinavian Journal of Immunology. 79 , 2, s. 137-148

Biomarker discovery study design for type 1 diabetes in The Environmental Determinants of Diabetes in the Young (TEDDY) study
Lee, H.-S., Burkhardt, B. R., McLeod, W., Smith, S., Eberhard, C., Lynch, K., Hadley, D., Rewers, M., Simell, O., She, J.-X., Hagopian, B., Lernmark, Å., Akolkar, B., Ziegler, A. G. & Krischer, J. P., 2014, I: Diabetes/Metabolism Research & Reviews. 30, 5, s. 424-434

Carl-David Agardh, 1946-2013.
Groop, L., Lernmark, Å. & Nilsson, J., 2014, I: Diabetologia.

Children followed in the TEDDY study are diagnosed with type 1 diabetes at an early stage of disease.
Larsson, H., Vehik, K., Gesualdo, P., Akolkar, B., Hagopian, W., Krischer, J., Lernmark, Å., Rewers, M., Simell, O., She, J.-X., Ziegler, A. & Haller, M. J., 2014, I: Pediatric Diabetes. 15, 2, s. 118-126

GAD Autoantibody Affinity in Adult Patients With Latent Autoimmune Diabetes, the Study Participants of a GAD65 Vaccination Trial
Krause, S., Landherr, U., Agardh, C.-D., Hausmann, S., Link, K., Hansen, J. M., Lynch, K. F., Powell, M., Furmaniak, J., Rees-Smith, B., Bonifacio, E., Ziegler, A. G., Lernmark, Å. & Achenbach, P., 2014, I: Diabetes Care. 37, 6, s. 1675-1680

High plasma levels of islet amyloid polypeptide in young with new-onset of type 1 diabetes mellitus.
Paulsson, J. F., Ludvigsson, J., Carlsson, A., Casas, R., Forsander, G., Ivarsson, S., Kockum, I., Lernmark, Å., Marcus, C., Lindblad, B. & Westermark, G. T., 2014, I: PLoS ONE. 9, 3, e93053.

Islet cell antibodies (ICA) identify autoimmunity in children with new onset diabetes mellitus negative for other islet cell antibodies.
Andersson, C. K., Kolmodin, M., Ivarsson, S., Carlsson, A., Forsander, G., Lindblad, B., Ludvigsson, J., Kockum, I., Marcus, C., Samuelsson, U., Ortqvist, E., Lernmark, Å., Larsson, H. & Törn, C., 2014, I: Pediatric Diabetes. 15, 5, s. 336-344

Lack of evidence for a role of islet autoimmunity in the aetiology of canine diabetes mellitus.
Ahlgren, K. M., Fall, T., Landegren, N., Grimelius, L., von Euler, H., Sundberg, K., Lindblad-Toh, K., Lobell, A., Hedhammar, A., Andersson, G., Hansson-Hamlin, H., Lernmark, Å. & Kämpe, O., 2014, I: PLoS ONE. 9, 8, e105473.

Prevalence of obesity was related to HLA-DQ in 2-4-year-old children at genetic risk for type 1 diabetes.
Yang, J., Lernmark, Å., Uusitalo, U. M., Lynch, K. F., Veijola, R., Winkler, C., Larsson, H., Rewers, M., She, J.-X., Ziegler, A. G., Simell, O. G., Hagopian, W. A., Akolkar, B., Krischer, J. P. & Vehik, K., 2014, I: International Journal of Obesity. 38, 12, s. 1491-1496

Reduced morbidity at diagnosis and improved glycemic control in children previously enrolled in DiPiS follow-up
Lundgren, M., Sahlin, Å., Svensson, C., Carlsson, A., Cedervall, E., Jönsson, B., Jönsson, I., Larsson, K., Lernmark, Å., Neiderud, J., Vigård, T. & Larsson, H., 2014, I: Pediatric Diabetes. 15, 7, s. 494-501

Type 1 (Insulin-Dependent) Diabetes Mellitus
Delli, A. & Lernmark, Å., 2014, *Endocrinology: Adult and Pediatric.* Jameson, J. L., De Groot, L. J. & De Kretser, D. M. (red.). W.B. Saunders, s. 671-691

Variability in the CIITA gene interacts with HLA in multiple sclerosis.
Gyllenberg, A., Piehl, F., Alfredsson, L., Hillert, J., Bomfim, I. L., Padyukov, L., Orho-Melander, M., Lindholm, E., Landin-Olsson, M., Lernmark, Å., Aili, M., Bååth, L. E., Carlsson, E., Edenwall, H., Forsander, G., Granström, B. W., Gustavsson, I., Hanas, R., Hellenberg, L. & Hellgren, H. och 31 andra, Holmberg, E., Hörnell, H., Ivarsson, S.-A., Johansson, C., Jonsell, G., Kockum, K., Lindblad, B., Lindh, A., Ludvigsson, J., Myrdal, U., Neiderud, J., Segnestam, K., Sjö, S., Skogsberg, L., Strömberg, L., Ståhle, U., Thalme, B., Tullus, K., Tuvemo, T., Wallensteen, M., Westphal, O., Aman, J., Arnqvist, H., Björck, E., Eriksson, J., Nyström, L., Ohlson, L. O., Scherstén, B., Ostman, J., Olsson, T. & Kockum, I., 2014 , I: Genes and Immunity. 15, 3, s. 162-167

Autoimmune (type 1) diabetes
Delli, A. & Lernmark, Å., 2013, *The Autoimmune Diseases.* Rose, N. & MacKay, I. (red.). Academic Press, s. 575-585

Autoimmunity against INS-IGF2 expressed in human pancreatic islets.
Kanatsuna, N., Taneera, J., Vaziri Sani, F., Wierup, N., Larsson, H., Delli, A., Skärstrand, H., Balhuizen, A., Bennet, H., Steiner, D. F., Törn, C., Fex, M. & Lernmark, Å., 2013, I: Journal of Biological Chemistry. 288, 40, s. 29013-29023

Biobreeding rat islets exhibit reduced antioxidative defense and N-acetyl cysteine treatment delays type 1 diabetes
Bogdani, M., Henschel, A. M., Kansra, S., Fuller, J. M., Geoffrey, R., Jia, S., Kaldunski, M. L., Pavletich, S., Prosser, S., Chen, Y.-G., Lernmark, Å. & Hessner, M. J., 2013, I: Journal of Endocrinology. 216, 2, s. 111-123

Decline in Titers of Anti-Idiotypic Antibodies Specific to Autoantibodies to GAD65 (GAD65Ab) Precedes Development of GAD65Ab and Type 1 Diabetes.
Larsson, H., Jönsson, I., Lernmark, Å., Ivarsson, S., Radtke, J. R. & Hampe, C. S., 2013, I: PLoS ONE. 8, 6, e65173.

Decline of C-peptide during the first year after diagnosis of Type 1 diabetes in children and adolescents
Ludvigsson, J., Carlsson, A., Deli, A., Forsander, G., Ivarsson, S., Kockum, I., Lindblad, B., Marcus, C., Lernmark, A. & Samuelsson, U., 2013, I: Diabetes Research and Clinical Practice. 100, 2, s. 203-209

Decreased cord-blood phospholipids in young age at onset type 1 diabetes.
La Torre, D., Seppänen-Laakso, T., Larsson, H., Hyötyläinen, T., Ivarsson, S., Lernmark, Å. & Oresic, M., 2013, I: Diabetes. 62, 11, s. 3951-3956

Depleting T cells in newly diagnosed autoimmune (type 1) diabetes--are we getting anywhere?
Lernmark, Å., 2013, I: Diabetes. 62, 11, s. 3669-3670

Glucose tolerance and beta-cell function in islet autoantibody-positive children recruited to a secondary prevention study.
Andersson, C. K., Carlsson, A., Cilio, C., Cedervall, E., Ivarsson, S., Jonsdottir, B., Jönsson, B., Larsson, K., Neiderud, J., Lernmark, Å. & Larsson, H., 2013, I: Pediatric Diabetes. 14, 5, s. 341-349

Immune therapy in type 1 diabetes mellitus.
Lernmark, Å. & Larsson, H., 2013, I: Nature Reviews Endocrinology. 9, 2, s. 92-103

Is there evidence for post-translational modification of beta cell autoantigens in the aetiology and pathogenesis of type 1 diabetes?
Lernmark, Å., 2013, I: Diabetologia. 56, 11, s. 2355-2358

Meta-Immunological Profiling of Children With Type 1 Diabetes Identifies New Biomarkers to Monitor Disease Progression
Galgani, M., Nugnes, R., Bruzzese, D., Perna, F., De Rosa, V., Procaccini, C., Mozzillo, E., Cilio, C., Larsson, H., Lernmark, Å., La Cava, A., Franzese, A. & Matarese, G., 2013, I: Diabetes. 62, 7, s. 2481-2491

Methods, quality control and specimen management in an international multicentre investigation of type 1 diabetes: TEDDY
Vehik, K., Fiske, S. W., Logan, C. A., Agardh, D., Cilio, C., Hagopian, W., Simell, O., Roivainen, M., She, J.-X., Briese, T., Oikarinen, S., Hyoty, H., Ziegler, A.-G., Rewers, M., Lernmark, Å., Akolkar, B., Krischer, J. P. & Burkhardt, B. R., 2013, I: Diabetes/Metabolism Research & Reviews. 29, 7, s. 557-567

Neuropeptide Y autoantibodies in patients with long-term type 1 and type 2 diabetes and neuropathy.
Skärstrand, H., Dahlin, L. B., Lernmark, Å. & Vaziri Sani, F., 2013, I: Journal of Diabetes and its Complications. 27, 6, s. 609-617

Next-generation sequencing for viruses in children with rapid-onset type 1 diabetes
Lee, H.-S., Briese, T., Winkler, C., Rewers, M., Bonifacio, E., Hyoty, H., Pflueger, M., Simell, O., She, J. X., Hagopian, W., Lernmark, Å., Akolkar, B., Krischer, J. P. & Ziegler, A. G., 2013, I: Diabetologia. 56, 8, s. 1705-1711

Relationship Between Ljungan Virus Antibodies, HLA-DQ8, and Insulin Autoantibodies in Newly Diagnosed Type 1 Diabetes Children
Nilsson, A.-L., Vaziri Sani, F., Andersson, C. K., Larsson, K., Carlsson, A., Cedervall, E., Jonsson, B., Neiderud, J., Larsson, H., Ivarsson, S. & Lernmark, Å., 2013, I: Viral Immunology. 26, 3, s. 207-215

Residual beta cell function at diagnosis of type 1 diabetes in children and adolescents varies with gender and season
Samuelsson, U., Lindblad, B., Carlsson, A., Forsander, G., Ivarsson, S., Kockum, I., Lernmark, Å., Marcus, C. & Ludvigsson, J., 2013, I: Diabetes/Metabolism Research & Reviews. 29, 1, s. 85-89

Thyroid autoimmunity in relation to islet autoantibodies and HLA-DQ genotype in newly diagnosed type 1 diabetes in children and adolescents.
Jonsdottir, B., Andersson, C. K., Carlsson, A., Delli, A., Forsander, G., Ludvigsson, J., Marcus, C., Samuelsson, U., Ortqvist, E., Lernmark, Å., Ivarsson, S.-A. & Larsson, H. E., 2013, I: Diabetologia. 56, 8, s. 1735-1742

Triple specificity of ZnT8 autoantibodies in relation to HLA and other islet autoantibodies in childhood and adolescent type 1 diabetes.
Andersson, C., Vaziri Sani, F., Delli, A., Lindblad, B., Carlsson, A., Forsander, G., Ludvigsson, J., Marcus, C., Samuelsson, U., Ivarsson, S., Lernmark, Å., Elding Larsson, H. & Better Diabetes Diagnosis (BDD) Study Group, 2013, I: Pediatric Diabetes. 14, 2, s. 97-105

Viruses, diabetes, and autoimmunity: Studies of subjects at genetic risk for type 1 diabetes
Lindehammer, S. R. & Lernmark, Å., 2013, *Diabetes and Viruses.* Taylor, K., Hyöty, H., Toniolo, A. & Zuckerman, A. J. (red.). Springer, Vol. 9781461440512. s. 187-194 8 s.

Age-dependent variation of genotypes in MHC II transactivator gene (CIITA) in controls and association to type 1 diabetes
Gyllenberg, A., Asad, S., Piehl, F., Swanberg, M., Padyukov, L., Van Yserloo, B., Rutledge, E. A., McNeney, B., Graham, J., Orho-Melander, M., Lindholm, E., Graff, C., Forsell, C., Åkesson, K., Landin-Olsson, M., Forsander, G., Ivarsson, S. A., Larsson, H., Lindblad, B. & Ludvigsson, J. och 6 andra, Marcus, C., Lernmark, Å., Alfredsson, L., Åkesson, K., Kockum, I. & Carlsson, A., 2012, I: Genes and Immunity. 13, 8, s. 632-640 9 s.

Antigenicity and epitope specificity of ZnT8 autoantibodies in type 1 diabetes.
Skärstrand, H., Lernmark, Å. & Vaziri Sani, F., 2012, I: Scandinavian Journal of Immunology.

Association between autoantibodies to the Arginine variant of the Zinc transporter 8 (ZnT8) and stimulated C-peptide levels in Danish children and adolescents with newly diagnosed type 1 diabetes
Andersen, M. L. M., Vaziri Sani, F., Delli, A., Porksen, S., Jacobssen, E., Thomsen, J., Svensson, J., Petersen, J. S., Hansen, L., Lernmark, Å., Mortensen, H. B. & Nielsen, L. B., 2012, I: Pediatric Diabetes. 13, 6, s. 454-462

BLUEPRINT to decode the epigenetic signature written in blood
Adams, D., Altucci, L., Antonarakis, S. E., Ballesteros, J., Beck, S., Bird, A., Bock, C., Boehm, B., Campo, E., Caricasole, A., Dahl, F., Dermitzakis, E. T., Enver, T., Esteller, M., Estivill, X., Ferguson-Smith, A., Fitzgibbon, J., Flicek, P., Giehl, C. & Graf, T. och 37 andra, Grosveld, F., Guigo, R., Gut, I., Helin, K., Jarvius, J., Kueppers, R., Lehrach, H., Lengauer, T., Lernmark, Å., Leslie, D., Loeffler, M., Macintyre, E., Mai, A., Martens, J. H. A., Minucci, S., Ouwehand, W. H., Pelicci, P. G., Pendeville, H., Porse, B., Rakyan, V., Reik, W., Schrappe, M., Schuebeler, D., Seifert, M., Siebert, R., Simmons, D., Soranzo, N., Spicuglia, S., Stratton, M., Stunnenberg, H. G., Tanay, A., Torrents, D., Valencia, A., Vellenga, E., Vingron, M., Walter, J. & Willcocks, S., 2012, I: Nature Biotechnology. 30, 3, s. 224-226

C-peptide in the classification of diabetes in children and adolescents.
Ludvigsson, J., Carlsson, A., Forsander, G., Ivarsson, S., Kockum, I., Lernmark, Å., Lindblad, B., Marcus, C. & Samuelsson, U., 2012, I: Pediatric Diabetes. 13, s. 45-50

CRYAB-650 C>G (rs2234702) affects susceptibility to Type 1 diabetes and IAA-positivity in Swedish population
Sun, C., Lernmark, Å., Landin-Olsson, M., Scherstén, B., Ivarsson, S.-A., Sjöblad, S., Åman, J., Swedish Childhood Diabetes Study Group & The Diabetes incidence in Sweden study group, 2012, I: Human Immunology. 73, 7, s. 759-766

DETECTION OF LACTOBACILLI IN MONTHLY MAIL-IN STOOL SAMPLES FROM 3-18 MONTHS OLD INFANTS AT GENETIC RISK FOR TYPE 1 DIABETES
Salami, F., Abels, M., Hyöty, H., Vaziri-Sani, F., Andrén Aronsson, C., Vehik, K., Delli, A., Hagopian, W., Rewers, M., Ziegler, A., Simell, O., Akolkar, B., Krischer, J., She, J., Lernmark, A. & TEDDY Study Group, 2012, I: International journal of probiotics & prebiotics. 7, 3-4, s. 135-144

Few differences in cytokines between patients newly diagnosed with type 1 diabetes and their healthy siblings
Svensson, J., Eising, S., Hougaard, D. M., Mortensen, H. B., Skogstrand, K., Simonsen, L. B., Carstensen, B., Ramelius, A., Lernmark, Å., Pociot, F. & Johannesen, J., 2012, I: Human Immunology. 73, 11, s. 1116-1126

Guías y recomendaciones para el diagnóstico y manejo de la Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Kirkman, M. S., Lernmark, Å., Metzger, B. E. & Nathan, D. M., 2012, I: Acta Bioquimica Clinica Latinoamericana. 46, 2, s. 303-336

Guthrie card methylomics identifies temporally stable epialleles that are present at birth in humans
Beyan, H., Down, T. A., Ramagopalan, S. V., Uvebrant, K., Ramelius, A., Holland, M. L., Gemma, C., Giovannoni, G., Boehm, B. O., Ebers, G. C., Lernmark, Å., Cilio, C., Leslie, R. D. & Rakyan, V. K., 2012, I: Genome Research. 22, 11, s. 2138-2145

High levels of immunoglobulin E and a continuous increase in immunoglobulin G and immunoglobulin M by age in children with newly diagnosed type 1 diabetes
Svensson, J., Eising, S., Mortensen, H. B., Christiansen, M., Laursen, I., Lernmark, Å., Ramelius, A., Simonsen, L. B., Carstensen, B., Pociot, F. & Johannesen, J., 2012, I: Human Immunology. 73, 1, s. 17-25

HLA-DQB1 genotypes and islet cell autoantibodies against GAD65 and IA-2 in relation to development of diabetes post partum in women with gestational diabetes mellitus.
Papadopoulou, A., Lynch, K., Anderberg, E., Landin-Olsson, M., Jönsson, I., Agardh, C.-D., Lernmark, Å. & Berntorp, K., 2012, I: Diabetes Research and Clinical Practice. 95, s. 260-264

HTR1A a Novel Type 1 Diabetes Susceptibility Gene on Chromosome 5p13-q13
Asad, S., Nikamo, P., Gyllenberg, A., Bennet, H., Hansson, O., Wierup, N., Carlsson, A., Forsander, G., Ivarsson, S., Larsson, H., Lernmark, Å., Lindblad, B., Ludvigsson, J., Marcus, C., Ronningen, K. S., Nerup, J., Pociot, F., Luthman, H., Fex, M. & Kockum, I., 2012, I: PLoS ONE. 7, 5

Islet autoantibodies and residual beta cell function in type 1 diabetes children followed for 3-6 years
Sorensen, J. S., Vaziri Sani, F., Maziarz, M., Kristensen, K., Ellerman, A., Breslow, N., Lernmark, Å., Pociot, F., Brorsson, C. & Birkebaek, N. H., 2012, I: Diabetes Research and Clinical Practice. 96, 2, s. 204-210

Low risk HLA-DQ and increased body mass index in newly diagnosed type 1 diabetes children in the Better Diabetes Diagnosis study in Sweden.
Carlsson, A., Kockum, I., Lindblad, B., Engleson, L., Nilsson, A., Forsander, G., Karlsson, A.-K., Kernell, A., Ludvigsson, J., Marcus, C., Zachrisson, I., Ivarsson, S. & Lernmark, Å., 2012, I: International Journal of Obesity. 36, s. 718-724

Seroconversion to Islet Autoantibodies After Enterovirus Infection in Early Pregnancy.
Rešić Lindehammer, S., Honkanen, H., Nix, W. A., Oikarinen, M., Lynch, K., Jönsson, I., Marsal, K., Oberste, S., Hyöty, H. & Lernmark, Å., 2012, I: Viral Immunology. 25, 4, s. 254-261

The environment and the origins of islet autoimmunity and Type 1 diabetes.
Eringsmark Regnéll, S. & Lernmark, Å., 2012, I: Diabetic Medicine: A journal of the British Diabetic Association.

Zinc Transporter 8 Autoantibodies and Their Association With SLC30A8 and HLA-DQ Genes Differ Between Immigrant and Swedish Patients With Newly Diagnosed Type 1 Diabetes in the Better Diabetes Diagnosis Study.
Delli, A., Vaziri Sani, F., Lindblad, B., Larsson, H., Carlsson, A., Forsander, G., Ivarsson, S., Ludvigsson, J., Kockum, I., Marcus, C., Samuelsson, U., Ortqvist, E., Groop, L., Bondinas, G. P., Papadopoulos, G. K. & Lernmark, Å., 2012, I: Diabetes. 61, 10, s. 2556-2564

Sustained glucagon-like peptide 1 expression from encapsulated transduced cells to treat obese diabetic rats
Moralejo, D. H., Yanay, O., Kernan, K., Bailey, A., Lernmark, A. & Osborne, W., 2011 apr., I: Journal of Bioscience and Bioengineering. 111, 4, s. 383-387 5 s.

Does immune-tolerance treatment with Alum-formulated GAD65 protect insulin-production in the pancreatic islet β cells?
Elding Larsson, H. & Lernmark, Å., 2011 jan. 1, I: Human Vaccines. 7, 1, s. 45-49 5 s.

A novel triple mix radiobinding assay for the three ZnT8 (ZnT8-RWQ) autoantibody variants in children with newly diagnosed diabetes.
Vaziri Sani, F., Delli, A., Larsson, H., Lindblad, B., Carlsson, A., Forsander, G., Ivarsson, S., Ludvigsson, J., Marcus, C. & Lernmark, Å., 2011, I: Journal of Immunological Methods. 371, s. 25-37

BB rat Gimap gene expression in sorted lymphoid T and B cells
Moralejo, D. H., Fuller, J., Rutledge, E. A., Van Yserloo, B., Ettinger, R. A., Jensen, R., Osborne, W., Kwitek, A. & Lernmark, Å., 2011, I: Life Sciences. 89, 19-20, s. 748-754

Correlations between islet autoantibody specificity and the SLC30A8 genotype with HLA-DQB1 and metabolic control in new onset type 1 diabetes
Brorsson, C., Vaziri Sani, F., Bergholdt, R., Eising, S., Ramelius, A., Svensson, J., Lernmark, Å. & Pociot, F., 2011, I: Autoimmunity. 44, 2, s. 107-114

Country-specific birth weight and length in type 1 diabetes high-risk HLA genotypes in combination with prenatal characteristics.
Sterner, Y., Törn, C., Lee, H.-S., Larsson, H., Winkler, C., McLeod, W., Lynch, K., Simell, O., Ziegler, A., Schatz, D., Hagopian, W., Rewers, M., She, J.-X., Krischer, J. P., Akolkar, B. & Lernmark, Å., 2011, I: Journal of Perinatology. 31, s. 764-769

Danish children born with glutamic acid decarboxylase-65 and islet antigen-2 autoantibodies at birth had an increased risk to develop type 1 diabetes
Eising, S., Ramelius, A., Carstensen, B., Hougaard, D. M., Norgaard-Pedersen, B., Nerup, J., Lernmark, Å. & Pociot, F., 2011, I: European Journal of Endocrinology. 164, 2, s. 247-252

Early-Pregnancy Cytokines in Mothers to Children Developing Multiple, Persistent Islet Autoantibodies, Type 1 Diabetes, or Both Before 7 Years of Age.
Lindehammer, S., Fex, M., Maziarz, M., Hanson, I., Marsal, K. & Lernmark, Å., 2011, I: American Journal of Reproductive Immunology. 66, s. 495-503

Editorial Comment on type 1 diabetes and antigen-specific immunotherapy.
Lernmark, Å. & Larsson, H. E., 2011, I: Journal of Internal Medicine. 270, s. 132-135

Executive Summary: Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Kirkman, M. S., Lernmark, Å., Metzger, B. E. & Nathan, D. M., 2011, I: Clinical Chemistry. 57, 6, s. 793-798

Gestational diabetes mellitus is associated with TCF7L2 gene polymorphisms independent of HLA-DQB1*0602 genotypes and islet cell autoantibodies.
Papadopoulou, A., Lynch, K., Shaat, N., Bennet, R., Ivarsson, S., Berntorp, K., Agardh, C.-D., Lernmark, Å. & DiPiS Study Group, 2011, I: Diabetic Medicine. 28, 9, s. 1018-1027

Guidelines and recommendations for laboratory analysis in the diagnosis and management of diabetes mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Kirkman, M. S., Lernmark, A., Metzger, B. E. & Nathan, D. M., 2011, I: Diabetes Care. 34, 6, s. e61-e99

Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Kirkman, M. S., Lernmark, Å., Metzger, B. E. & Nathan, D. M., 2011, I: Clinical Chemistry. 57, 6, s. E1-E47

Hepatic steatosis in type 1 diabetes
Regnell, S. & Lernmark, Å., 2011, I: Review of Diabetic Studies. 8, 4, s. 454-467

High-titer GAD65 autoantibodies detected in adult diabetes patients using a high efficiency expression vector and cold GAD65 displacement.
Jönsson, I., Lynch, K., Hallmans, G., Lernmark, Å. & Rolandsson, O., 2011, I: Autoimmunity. 44, s. 129-136

HLA Genes, Islet Autoantibodies and Residual C-Peptide at the Clinical Onset of Type 1 Diabetes Mellitus and the Risk of Retinopathy 15 Years Later
Jensen, R. A., Agardh, E., Lernmark, Å., Gudbjornsdottir, S., Smith, N. L., Siscovick, D. S. & Törn, C., 2011, I: PLoS ONE. 6, 3

Increased GABA(A) channel subunits expression in CD8(+) but not in CD4(+) T cells in BB rats developing diabetes compared to their congenic littermates
Kumar Mendu, S., Åkesson, L., Jin, Z., Edlund, A., Cilio, C., Lernmark, Å. & Birnira, B., 2011, I: Molecular Immunology. 48 , 4, s. 399-407

Position Statement Executive Summary: Guidelines and Recommendations for Laboratory Analysis in the Diagnosis and Management of Diabetes Mellitus
Sacks, D. B., Arnold, M., Bakris, G. L., Bruns, D. E., Horvath, A. R., Kirkman, M. S., Lernmark, Å., Metzger, B. E. & Nathan, D. M., 2011, I: Diabetes Care. 34, 6, s. 1419-1423

Relationship between ZnT8Ab, the SLC30A8 gene and disease progression in children with newly diagnosed type 1 diabetes
Nielsen, L. B., Vaziri Sani, F., Poerksen, S., Andersen, M.-L. M., Svensson, J., Bergholdt, R., Pociot, F., Hougaard, P., de Beaufort, C., Castano, L., Mortensen, H. B., Lernmark, Å. & Hansen, L., 2011, I: Autoimmunity. 44, 8, s. 616-623

Seroconversion to islet autoantibodies between early pregnancy and delivery in non-diabetic mothers
Lindehammer, S., Jönsson, I., Midberg, B., Ivarsson, S., Lynch, K., Dillner, J. & Lernmark, Å., 2011, I: Journal of Reproductive Immunology. 88, 1, s. 72-79

Serum metabolite signature predicts the acute onset of diabetes in spontaneously diabetic congenic BB rats
Åkesson, L., Trygg, J., Fuller, J., Madsen, R., Gabrielsson, J., Bruce, S., Stenlund, H., Tupling, T., Pefley, R., Lundstedt, T., Lernmark, Å. & Moritz, T., 2011, I: Metabolomics. 7, 4, s. 593-603

The Environmental Determinants of Diabetes in the Young (TEDDY): genetic criteria and international diabetes risk screening of 421 000 infants.
Hagopian, W. A., Erlich, H., Lernmark, Å., Rewers, M., Ziegler, A. G., Simell, O., Akolkar, B., Vogt, R., Blair, A., Ilonen, J., Krischer, J. & She, J., 2011, I: Pediatric Diabetes. 12, s. 733-743

The three ZNT8 autoantibody variants together improve the diagnostic sensitivity of childhood and adolescent type 1 diabetes.
Andersson, C. K., Larsson, K., Vaziri Sani, F., Lynch, K., Carlsson, A., Cedervall, E., Jönsson, B., Neiderud, J., Månsson, M., Nilsson, A.-L., Lernmark, Å., Larsson, H. & Ivarsson, S., 2011, I: Autoimmunity. 44, s. 394-405

Vaccination against type 1 diabetes.
Larsson, H. E. & Lernmark, Å., 2011, I: Journal of Internal Medicine. 269, s. 626-635

A distinct metabolic profile at birth identifies children developing type 1 diabetes before 20 years of age
La Torre, D., Lernmark, Å., Spégel, P., Elding Larsson, H., Ivarsson, S. & Oresic, M., 2010, I: Diabetologia. 53, s. 261

Altered natural killer (NK) cell frequency and phenotype in latent autoimmune diabetes in adults (LADA) prior to insulin deficiency.
Silver, C., Uvebrant, K., Oderup, C., Lynch, K., Harris, R. A., Lernmark, Å., Agardh, C.-D. & Cilio, C., 2010, I: Clinical and Experimental Immunology. May 4, s. 48-56

Autoimmune type 1 diabetes.
Delli, A., Larsson, H., Ivarsson, S. & Lernmark, Å., 2010, *Textbook of Diabetes.* Holt, R. I. G., Cockram, C. S., Flyvbjerg, A. & Goldstein, B. J. (red.). Wiley-Blackwell, s. 141-152

Changes in GAD65Ab-Specific Antiidiotypic Antibody Levels Correlate with Changes in C-Peptide Levels and Progression to Islet Cell Autoimmunity.
Ortqvist, E., Brooks-Worrell, B., Lynch, K., Radtke, J., Bekris, L. M., Kockum, I., Agardh, C.-D., Cilio, C., Lethagen, Å., Persson, B., Lernmark, Å., Reichow, J., Oak, S., Palmer, J. P. & Hampe, C. S., 2010, I: The Journal of clinical endocrinology and metabolism. 95, s. E310-E318

Clinical and genetical characterisation of a series of patients with type 1 diabetes induced by interferon therapy
Delli, A., Vaziri Sani, F., Carlsson, A., Forsander, G., Ivarsson, S., Lindblad, B., Ludvigsson, J., Marcus, C. & Lernmark, Å. , 2010, I: Diabetologia. 53, Suppl. 1, s. 273

Comparison of Radioimmunoprecipitation With Luciferase Immunoprecipitation for Autoantibodies to GAD65 and IA-2 beta
Burbelo, P. D., Hirai, H., Issa, A. T., Kingman, A., Lernmark, Å., Ivarsson, S., Notkins, A. L. & Iadarola, M. J., 2010, I: Diabetes Care. 33, 4, s. 754-756

Context and disease when disease risk is low: the case of type 1 diabetes in Sweden
Lynch, K., Subramanian, S. V., Ohlsson, H., Chaix, B., Lernmark, Å. & Merlo, J., 2010, I: Journal of Epidemiology and Community Health. 64, 9, s. 789-795

Differential effects of leptin receptor mutation on male and female BBDR.Gimap5-/Gimap5- spontaneously diabetic rats
Moralejo, D. H., Hansen, C. T., Treuting, P., Hessner, M. J., Fuller, J. M., Van Yserloo, B., Jensen, R., Osborne, W., Kwitek, A. E. & Lernmark, Å., 2010, I: Physiological Genomics. 41, 1, s. 9-20 12 s.

First trimester cytokine levels in mothers to children diagnosed with islet autoimmunity or type 1 diabetes before eight years of age
Lindehammer, S., Fex, M., Marsal, K. & Lernmark, Å., 2010, I: Diabetologia. 53, Suppl. 1, s. 343

Future drug treatment of Type 1 diabetes
Larsson, H., Delli, A., Ivarsson, S. & Lernmark, Å., 2010, *Textbook of Diabetes.* Holt, R. I. G., Cockram, C. S., Flyvbjerg, A. & Goldstein, B. J. (red.). Wiley-Blackwell, s. 1001-1016

Identification of a serum-induced transcriptional signature associated with type 1 diabetes in the BioBreeding rat
Kaldunski, M. L., Jia, S., Geoffrey, R., Basken, J., Prosser, S., Kansra, S., Mordes, J. P., Lernmark, Å., Wang, X. & Hessner, M. J., 2010, I: Diabetes. 59, 10, s. 2375-2385 11 s.

Immunologic markers at the clinical onset of type 1 diabetes mellitus and the risk of retinopathy 15 years later
Jensen, R. A., Agardh, E., Lernmark, Å., Smith, N. L., Siscovick, D. S. & Torn, C., 2010, I: Diabetologia. 53, Suppl. 1, s. 155

Immunology of beta-Cell Destruction.
La Torre, D. & Lernmark, Å., 2010, I: Advances in Experimental Medicine and Biology. 654, s. 537-583

Novel triples mix radio binding assay for the ZnT8 (ZnT8RWQ) autoantibody variants in children with newly diagnosed diabetes
Vaziri Sani, F., Delli, A., Larsson, H., Lindblad, B., Carlsson, A., Forsander, G., Ivarsson, S., Ludvigsson, J., Marcus, C. & Lernmark, Å., 2010, I: Diabetologia. 53, Suppl. 1, s. 264

Prolonged survival and improved glycemia in BioBreeding diabetic rats after early sustained exposure to glucagon-like peptide
Yanay, O., Moralejo, D. H., Kernan, K., Brzezinski, M., Fuller, J. M., Barton, R. W., Lernmark, A. & Osborne, W. R., 2010, I: Journal of Gene Medicine. 12, 6, s. 538-544 7 s.

Stimulation of 5-HT1a receptor decreased insulin secretion in islets of Langerhans from mice and humans
Bennet, H., Nagorny, C., Wierup, N., Dekker Nitert, M., Lernmark, Å. & Fex, M., 2010, I: Diabetologia. 53, Suppl. 1, s. 547

The association between the PTPN22 1858C > T variant and type 1 diabetes depends on HLA risk and GAD65 autoantibodies
Maziarz, M., Janer, M., Roach, J. C., Hagopian, W., Palmer, J. P., Deutsch, K., Sanjeevi, C. B., Kockum, I., Breslow, N. & Lernmark, Å., 2010, I: Genes and Immunity. 11, 5, s. 406-415

Type 1 diabetes patients born to immigrants to Sweden increase their native diabetes risk and differ from Swedish patients in HLA types and islet autoantibodies.
Delli, A., Lindblad, B., Carlsson, A., Forsander, G., Ivarsson, S., Ludvigsson, J., Marcus, C. & Lernmark, Å., 2010, I: Pediatric Diabetes. Apr 8, s. 513-520

Type 1 (Insulin-Dependent) Diabetes Mellitus: Etiology, Pathogenesis, Prediction and Prevention.
Delli, A. & Lernmark, Å., 2010, *Textbook of Endocrinology, adult and children 6th ed.* Jameson, J. L. & De Groot, L. J. (red.). W.B. Saunders, Vol. Volume 1. s. 744-764

ZnT8 autoantibody titers in type 1 diabetes patients decline rapidly after clinical onset.
Vaziri Sani, F., Oak, S., Radtke, J., Lernmark, Å., Lynch, K., Agardh, C.-D., Cilio, C., Lethagen, Å., Ortqvist, E., Landin-Olsson, M., Törn, C. & Hampe, C. S., 2010, I: Autoimmunity. Apr 7, s. 598-606

Analysis of the rat Iddm14 diabetes susceptibility locus in multiple rat strains: identification of a susceptibility haplotype in the Tcrb-V locus
Mordes, J. P., Cort, L., Norowski, E., Leif, J., Fuller, J., Lernmark, Å., Greiner, D. L. & Blankenhorn, E. P., 2009, I: Mammalian Genome. 20, 3, s. 162-169

Comparison of three assays for the detection of GAD65Ab-specific anti-idiotypic antibodies
Oak, S., Radtke, J., Landin-Olsson, M., Törn, C., Lernmark, Å. & Hampe, C. S., 2009, I: Journal of Immunological Methods. 351, 1-2, s. 55-61

GAD65 vaccination: 5 years of follow-up in a randomised dose-escalating study in adult-onset autoimmune diabetes.
Agardh, C.-D., Lynch, K., Palmér, M., Link, K. & Lernmark, Å., 2009, I: Diabetologia. 52, s. 1363-1368

Genetic Dissection Reveals Diabetes Loci Proximal to the Gimap5 Lymphopenia Gene.
Fuller, J., Bogdani, M., Tupling, T. D., Jensen, R. A., Pefley, R., Manavi, S., Cort, L., Blankenhorn, E. P., Mordes, J. P., Lernmark, Å. & Kwitek, A. E., 2009, I: Physiological Genomics. 38, s. 89-97

Low agreement between radio binding assays in analyzing glutamic acid decarboxylase (GAD65Ab) autoantibodies in patients classified with type 2 diabetes
Daka, B., Svensson, M. K., Lernmark, Å., Mincheva-Nilsson, L., Hallmans, G. & Rolandsson, O., 2009, I: Autoimmunity. 42 , 6, s. 507-514

Sequence Variation and Expression of the Gimap Gene Family in the BB Rat
Rutledge, E. A., Fuller, J., Van Yserloo, B., Moralejo, D. H., Ettinger, R. A., Gaur, P., Hoehna, J. L., Peterson, M. R., Jensen, R., Kwitek, A. E. & Lernmark, Å., 2009, I: Experimental Diabetes Research. 835650.

Strong association between SLC30A8 gene variant and ZnT8 autoantibody specificity during disease progression in two independent cohorts of children with newly diagnosed type 1 diabetes
Nielsen, L. B., Vaziri Sani, F., Andersen, M.-L. M., Porksen, S., Svensson, J., Bergholdt, R., Pociot, F., Jorgensen, J. V., Thomsen, J., Hertel, T., Hougaard, P., Lernmark, Å., Mortensen, H. B. & Hansen, L., 2009, I: Diabetologia. 52, Suppl 1, s.

Temporal Variation of Ljungan Virus Antibody Levels in Relation to Islet Autoantibodies and Possible Correlation to Childhood Type 1 Diabetes
Nilsson, A.-L., Lagerquist, E., Lynch, K., Lernmark, Å. & Olov, R., 2009, I: Open Pediatric Medicine Journal. 3, s. 61-66

The non-inherited maternal HLA haplotype affects the risk for type 1 diabetes
Åkesson, K., Carlsson, A., Ivarsson, S.-A., Johansson, C., Weidby, B.-M., Ludvigsson, J., Gustavsson, B., Lernmark, Å. & Kockum, I., 2009, I: International Journal of Immunogenetics. 36, 1, s. 1-8

The type 1 diabetes protective HLA DQB1*0602 allele is less frequent in gestational diabetes mellitus.
Papadopoulou, A., Lynch, K., Nilsson, A., Lernmark, B., Berntorp, K., Ivarsson, S.-A., Agardh, C.-D., Lernmark, Å. & DiPiS Study Group, 2009, I: Diabetologia. 52, s. 1339-1342

A comparison of serum and EDTA plasma in the measurement of glutamic acid decarboxylase autoantibodies (GADA) and autoantibodies to islet antigen-2 (IA-2A) using the RSR radioimmunoassay (RIA) and enzyme linked immunosorbent assay (ELISA) kits.
Rahmati, K., Lernmark, Å., Becker, C., Foltyn Zadura, A., Larsson, K., Ivarsson, S. & Törn, C., 2008, I: Clinical Laboratory. 54, 7-8, s. 227-235

A new luminescence assay for autoantibodies to mammalian cell-prepared insulinoma-associated protein 2
Burbelo, P. D., Hirai, H., Leahy, H., Lernmark, A., Ivarsson, S., Iadarola, M. J. & Notkins, A. L., 2008, I: Diabetes Care. 31 , 9, s. 1824-1826

Annual screening detects celiac disease in children with type 1 diabetes
Larsson, K., Carlsson, A., Cederwall, E., Jonsson, B., Neiderud, J., Jonsson, B., Lernmark, Å. & Ivarsson, S., 2008, I: Pediatric Diabetes. 9, 4, s. 354-359

Antigen presentation of detergent-free glutamate decarboxylase (GAD65) is affected by human serum albumin as carrier protein
Steed, J. T., Gilliam, L. K., Harris, R. A., Lernmark, Å. & Hampe, C. S., 2008, I: Journal of Immunological Methods. 334, 1-2, s. 114-121 8 s.

Children developing type 1 diabetes before 6 years of age have increased linear growth independent of HLA genotypes.
Larsson, H., Hansson, G., Carlsson, A., Cederwall, E., Jonsson, B., Jönsson, B., Larsson, K., Lynch, K., Neiderud, J., Lernmark, Å. & Ivarsson, S., 2008, I: Diabetologia. 51, s. 1623-1630

Comment on: Edghill et al. (2008) insulin mutation screening in 1,044 patients with diabetes: mutations in the ins gene are a common cause of neonatal diabetes but a rare cause of diabetes diagnosed in childhood or adulthood: diabetes 57:1034-1042, 2008
Ivarsson, S. A. & Lernmark, Å., 2008, I: Diabetes. 57, 5, s. e9

Cord blood islet autoantibodies and seasonal association with the type 1 diabetes high-risk genotype.
Lynch, K., Lernmark, B., Merlo, J., Cilio, M. R., Ivarsson, S.-A., Lernmark, Å. & DiPiS Study Group, 2008, I: Journal of Perinatology. 28, 3, s. 211-217

Cutaneous microvascular dysfunction is associated with diabetes-risk HLA in youths with type 1 diabetes
Odermarsky, M., Lernmark, Å. & Liuba, P., 2008, I: Journal of the American College of Cardiology. 51, 10, Suppl. 1, s. A345-A345

Cutaneous Microvascular Dysfunction Is Associated With Human Leukocyte Antigen-DQ in Youths With Type 1 Diabetes.
Odermarsky, M., Lernmark, Å., Truedsson, L. & Liuba, P., 2008, I: Pediatric Research. 63, 4, s. 420-422

Decreasing humoral activity in siblings of type 1 diabetes children over a ten year period with increasing incidence of the disease

Svensson, J., Ramelius, A., Eising, S., Mortensen, H., Lernmark, Å., Pociot, F. & Johannesen, J., 2008, I: Diabetologia. 51 , S1, s. S232-S233

GAD65 Autoimmunity-Clinical Studies
Uibo, R. & Lernmark, Å., 2008, I: Advances in Immunology. 100, s. 39-78

GAD65 vaccination significantly reduces insulin dependence at five years follow-up in a dose escalating study in adult-onset autoimmune diabetes patients
Agardh, C.-D., Lynch, K., Palmer, M., Link, K. & Lernmark, Å., 2008, I: Diabetologia. 51, S1, s. S230-S230

HLA class II alleles specify phenotypes of ketosis-prone diabetes
Nalini, R., Gaur, L. K., Maldonado, M., Hampe, C. S., Rodriguez, L., Garza, G., Lernmark, A. & Balasubramanyam, A., 2008, I: Diabetes Care. 31, 6, s. 1195-1200 6 s.

Impaired survival of peripheral T cells, disrupted NK/NKT cell development, and liver failure in mice lacking Gimap5
Schulteis, R. D., Chu, H., Dai, X., Chen, Y., Edwards, B., Haribhai, D., Williams, C. B., Malarkannan, S., Hessner, M. J., Glisic-Milosavljevic, S., Jana, S., Kerschen, E. J., Ghosh, S., Wang, D., Kwitek, A. E., Lernmark, A., Gorski, J. & Weiler, H., 2008, I: Blood. 112, 13, s. 4905-4914 10 s.

Increased Lipid Oxidation Heralds Diabetes Onset in DR.lyp/lyp Rats.
Åkesson, L., Gelling, R., Jensen, R., Ogimoto, K., Fuller, J., Pefley, R., Manavi, S., Lernmark, Å. & Schwartz, M., 2008, I: Experimental and Clinical Endocrinology & Diabetes. 116, s. 475-480

Maternal enterovirus infection during pregnancy as a risk factor in offspring diagnosed with type 1 diabetes between 15 and 30 years of age.
Elfving, M., Svensson, J., Oikarinen, S., Jonsson, B., Olofsson, P., Sundkvist, G., Lindberg, B., Lernmark, Å., Hyöty, H. & Ivarsson, S., 2008, I: Experimental Diabetes Research. 2008, 271958.

Number of islet autoantibodies present in newly diagnosed type 1 diabetes children born to non-diabetic mothers is affected by islet autoantibodies present at birth.
Elfving, M., Lindberg, B., Lynch, K., Månsson, M., Sundkvist, G., Lernmark, Å. & Ivarsson, S. A., 2008, I: Pediatric Diabetes. 9, s. 127-134

Risk Conferred by HLA-DR and DQ for Type 1 Diabetes in 0-35-Year Age Group in Sweden
Sanjeevi, C. B., Sedimbi, S. K., Landin-Olsson, M., Kockum, I. & Lernmark, Å., 2008, *Immunology of Diabetes V: From Bench to Bedside.* Wiley-Blackwell, Vol. 1150. s. 106-111

Selective screening of secretory vesicle-associated proteins for autoantigens in type 1 diabetes: VAMP2 and NPY are new minor autoantigens
Hirai, H., Miura, J., Hu, Y., Larsson, H., Larsson, K., Lernmark, Å., Ivarsson, S., Wu, T., Kingman, A., Tzioufas, A. G. & Notkins, A. L., 2008, I: Clinical Immunology. 127, 3, s. 366-374

Temporal trends of HLA genotype frequencies of type 1 diabetes patients in Sweden from 1986 to 2005 suggest altered risk.
Lindehammer, S., Larsson, K., Örtqvist, E., Carlsson, A., Cederwall, E., Cilio, C., Ivarsson, S.-A., Jönsson, B., Larsson, H. , Lynch, K., Neiderud, J., Nilsson, A., Sjöblad, S. & Lernmark, Å., 2008, I: Acta Diabetologica. Sep 4, s. 231-235

The Environmental Determinants of Diabetes in the Young (TEDDY) Study
Rewers, M., Lernmark, Å., Agardh, D., Almgren, P., Andrén Aronsson, C., Ask, M., Carlsson, U.-M., Cilio, C., Bremer, J., Gerardsson, J., Gustavsson, B., Hansson, G., Jönsson, I., Hansen, M., Hyberg, S., Ivarsson, S., Larsson, H., Lernmark, B., Markan, M. & Melin, M. J. och 10 andra, Månsson Martinez, M., Rahmati, K., Sedig-Järvirova, M., Sjöberg, B., Törn, C. , Wallin, A., Wigheden, I., Wimar, Å., Oberste, S. (medarbetare) & TEDDY Study Group, 2008, I: Annals of the New York Academy of Sciences. 1150, s. 1-13

Treatment of diabetic rats with encapsulated islets
Sweet, I. R., Yanay, O., Waldron, L., Gilbert, M., Fuller, J. M., Tupling, T., Lernmark, A. & Osborne, W. R. A., 2008, I: Journal of Cellular and Molecular Medicine. 12, 6B, s. 2644-2650 7 s.

Antibodies to GAD65 and peripheral nerve function in the DCCT.
Hoeldtke, R., Hampe, C., Bekris, L., Hobbs, G., Bryner, K., Lernmark, Å. & DCCT Research Group, T., 2007, I: Journal of Neuroimmunology. 185, 1-2, s. 182-189

Atherogenic vascular and lipid phenotypes in young patients with Type 1 diabetes are associated with diabetes high-risk HLA genotype
Odermarsky, M., Ramelius, A., Lernmark, Å., Sjöblad, S. & Liuba, P., 2007, I: American Journal of Physiology: Heart and Circulatory Physiology. 293, 5, s. H3175-H3179

A variant in the transcription factor 7-like 2 (TCF7L2) gene is associated with an increased risk of gestational diabetes mellitus.
Shaat, N., Lernmark, Å., Ekholm, E., Ivarsson, S., Parikh, H., Berntorp, K. & Groop, L., 2007, I: Diabetologia. 50, 5, s. 972-979

Decreased core temperature and Increased beta(3)-Adrenergic sensitivity in diabetes-prone BB rats
Åkesson, L., Hawkins, T., Jensen, R., Fuller, J. M., Breslow, N. E. & Lernmark, Å., 2007, I: Diabetes Technology & Therapeutics. 9, 4, s. 354-362

Epitope Analysis of GAD65 Binding in both Cord Blood and at the Time of Clinical Diagnosis of Childhood Type 1 Diabetes.
Elfving, M., Lindberg, B., Lynch, K., Ivarsson, S., Lernmark, Å. & Hampe, C. S., 2007, I: Hormone and Metabolic Research. 39, 11, s. 790-796

GAD65 autoantibody epitopes in adult patients with latent autoimmune diabetes following GAD65 vaccination
Bekris, L. M., Jensen, R. A., Lagerquist, E., Hall, T. R., Agardh, C.-D., Cilio, C., Lethagen, Å., Lernmark, Å., Robertson, J. A. & Hampe, C. S., 2007, I: Diabetic Medicine. 24, 5, s. 521-526

Glutamate cysteine ligase catalytic subunit promoter polymorphisms and associations with type 1 diabetes age-at-onset and GAD65 autoantibody levels.
Bekris, L., Shephard, C., Janer, M., Graham, J., McNeney, B., Shin, J., Zarghami, M., Griffith, W., Farin, F., Kavanagh, T. & Lernmark, Å., 2007, I: Exp Clin Endocrinol Diabetes. 115, 4, s. 221-228

IA-2 autoantibodies in incident type I diabetes patients are associated with a polyadenylation signal polymorphism in GIMAP5.
Shin, J., Janer, M., McNeney, B., Blay, S., Deutsch, K., Sanjeevi, C., Kockum, I., Lernmark, Å., Graham, J., Diabetes Incidence in Sweden Study Group, T. & Swedish Childhood Diabetes Study Group, T., 2007, I: Genes Immun.. 8, 6, s. 503-512

Islet cell autoantibody levels after the diagnosis of young adult diabetic patients
Jensen, R., Gilliam, L., Törn, C., Landin-Olsson, M., Palmer, J., Akesson, K., Kockum, I., Lernmark, B., Karlsson, A. F., Lynch, K., Breslow, N., Lernmark, Å. & Sundkvist, G., 2007, I: Diabetic Medicine. 24, 11, s. 1221-1228

Low-density cells isolated from the rat thymus resemble branched cortical macrophages and have a reduced capability of rescuing double-positive thymocytes from apoptosis in the BB-DP rat.
Sommandas, V., Rutledge, E., Van Yserloo, B., Fuller, J., Lernmark, Å. & Drexhage, H., 2007, I: Journal of Leukocyte Biology. 4, 82, s. 869-876

Multiple factors affect the loss of measurable C-peptide over 6 years in newly diagnosed 15- to 35-year-old diabetic subjects
Jensen, R. A., Gilliam, L. K., Törn, C., Landin-Olsson, M., Karlsson, F. A., Palmer, J. P., Kockum, I., Akesson, K., Lernmark, B., Lynch, K., Breslow, N. & Lernmark, Å., 2007, I: Journal of Diabetes and its Complications. 21, 4, s. 205-213

No evidence of association of the PDCD1 gene with Type 1 diabetes
The Diabetes incidence in Sweden study group, 2007, I: Diabetic Medicine. 24, 12, s. 1473-1477

Relationship between increased relative birthweight and infections during pregnancy in children with a high-risk diabetes HLA genotype.
Larsson, H., Lynch, K., Lernmark, B., Hansson, G., Lernmark, Å., Ivarsson, S. & DIPS Study group, 2007, I: Diabetologia. 50, 6, s. 1161-1169

Relative predispositional effects of HLA class II DRB1-DQB1 haplotypes and genotypes on type 1 diabetes: a meta-analysis.
Thomson, G., Valdes, A., Noble, J., Kockum, I., Grote, M., Najman, J., Erlich, H., Cucca, F., Pugliese, A., Steenkiste, A., Dorman, J., Caillat-Zucman, S., Hermann, R., Ilonen, J., Lambert, A., Bingley, P., Gillespie, K., Lernmark, Å., Sanjeevi, C. & Rønningen, K. och 2 andra, Undlien, D. & Thorsby, E., 2007, I: Tissue Antigens. 70, 2, s. 110-127

Species and epitope specificity of two 65 kDa glutamate decarboxylase time-resolved fluorometric immunoassays.
Rui, M., Hampe, C., Wang, C., Ling, Z., Gorus, F., Lernmark, Å., Pipeleers, D. & De Pauw, P., 2007, I: Journal of Immunological Methods. 319, 1-2, s. 133-143

SUMO4 M55V polymorphism affects susceptibility to type I diabetes in HLA DR3- and DR4-positive Swedish patients
Sedimbi, S. K., Luo, X. R., Sanjeevi, C. B., Lernmark, A., Landin-Olsson, M., Arnqvist, H., Bjorck, E., Nystrom, L., Ohlson, L. O., Schersten, B., Ostman, J., Aili, M., Baath, L. E., Carlsson, E., Edenwall, H. & Forsander, G., 2007, I: Genes and Immunity. 8, 6, s. 518-521

The BioBreeding rat diabetes model is infected with Ljungan virus
Niklasson, B., Hultman, T., Kallies, R., Niedrig, M., Nilsson, R., Berggren, P. O., Juntti-Berggren, L., Efendic, S., Lernmark, A. & Klitz, W., 2007, I: Diabetologia. 50, 7, s. 1559-1560 2 s.

The environmental determinants of diabetes in the young (TEDDY) study: Study design
TEDDY study group, T., Lernmark, Å., Almgren, P., Andrén Aronsson, C., Andersson, E., Bianconi Svensson, S., Carlsson, U.-M., Cilio, C., Gerardsson, J., Gustavsson, B., Hansson, A., Hansson, G., Jönsson, I., Ivarsson, S., Larsson, H., Karlsson, E., Papadopoulou, A., Lernmark, B., Massadakis, T. & Ramelius, A. och 4 andra, Sedig-Järvirova, M., Sjöberg, B., Wallin, A. & Wimar, Å., 2007, I: Pediatric Diabetes. 8, 5, s. 286-298

The importance of CTLA-4 polymorphism and human leukocyte antigen genotype for the induction of diabetes-associated cytokine response in healthy school children.
Jonson, C., Lernmark, Å., Ludvigsson, J., Rutledge, E., Hinkkanen, A. & Faresjö, M., 2007, I: Pediatr Diabetes. 8, 4, s. 185-192

Two insulin gene single nucleotide polymorphisms associated with type 1 diabetes risk in the Finnish and Swedish populations
Laine, A.-P., Holmberg, H., Ramelius, A., Ortqvist, E., Kiviniemi, M., Vaarala, O., Akerblom, H. K., Simell, O., Knip, M., Ludvigsson, J., Ivarsson, S., Larsson, K., Lernmark, Å. & Ilonen, J., 2007, I: Disease Markers. 23, 3, s. 139-145

Type 1 diabetes risk analysis on dried blood spot samples from population-based newborns: design and feasibility of an unselected case-control study
Eising, S., Svensson, J., Skogstrand, K., Ramelius, A., Lynch, K., Andersen, P. S., Lernmark, Å., Hougaard, D. M., Pociot, F., Norgaard-Pedersen, B. & Nerup, J., 2007, I: Paediatric and Perinatal Epidemiology. 21, 6, s. 507-517

Increased galanin expression in the celiac ganglion of BB diabetic rats
Mei, Q., Mundinger, T. O., Lernmark, Å. & Taborsky, G. J., 2006 feb., I: Neuropeptides. 40, 1, s. 1-10 10 s.

Accuracy and predictive value of classification schemes for ketosis-prone diabetes
Balasubramanyam, A., Garza, G., Rodriguez, L., Hampe, C. S., Gaur, L. K., Lernmark, Å. & Maldonado, M. R., 2006, I: Diabetes Care. 29, 12, s. 2575-2579 5 s.

Age-dependent loss of tolerance to an immunodominant epitope of glutamic acid decarboxylase in diabetic-prone RIP-B7/DR4 mice.
Gebe, J. A., Unrath, K. A., Falk, B. A., Kouichi, I., Wen, L., Daniels, T. L., Lernmark, Å. & Nepom, G. T., 2006, I: Clinical Immunology. 121, 3, s. 294-304

Common variants in MODY genes increase the risk of gestational diabetes mellitus.
Shaat, N., Ekholm, E., Lernmark, Å., Ivarsson, S., Lynch, K., Parikh, H., Almgren, P., Berntorp, K. & Groop, L., 2006, I: Diabetologia. 49, 7, s. 1545-1551

Cord blood islet autoantibodies are related to stress in the mother during pregnancy.
Lernmark, B., Lynch, K., Lernmark, Å. & Study Group, D., 2006, I: Annals of the New York Academy of Sciences. 1079, 1079, s. 345-349

Effects of duration of type 2 diabetes mellitus on insulin secretion.
Zangeneh, F., Arora, P. S., Dyck, P. J., Bekris, L., Lernmark, Å., Achenbach, S. J., Oberg, A. L. & Rizza, R. A., 2006, I: Endocrine Practice. 12, 4, s. 388-393

Evidence for immunological priming and increased frequency of CD4(+) CD25(+) cord blood T cells in children born to mothers with type 1 diabetes.
Holm, B. C., Svensson, J., Silver, C., Arvastsson, J., Ljungberg, J., Lynch, K., Ivarsson, S.-A., Lernmark, Å. & Cilio, C., 2006, I: Clinical and Experimental Immunology. 146, 3, s. 493-502

Evidence of a functional role for mast cells in the development of type 1 diabetes mellitus in the biobreeding rat
Geoffrey, R., Jia, S., Kwitek, A. E., Woodliff, J., Ghosh, S., Lernmark, Å., Wang, X. & Hessner, M. J., 2006, I: Journal of Immunology. 177, 10, s. 7275-7286 12 s.

Genetic mapping at 3-kilobase resolution reveals inositol 1,4,5-triphosphate receptor 3 as a risk factor for type 1 diabetes in Sweden.
Roach, J. C., Deutsch, K., Li, S., Siegel, A. F., Bekris, L. M., Einhaus, D. C., Janer, M., Sheridan, C. M., Glusman, G., Lernmark, Å., Hood, L., Study Group., D. I. I. S. & Study Group, S. C. D., 2006, I: American Journal of Human Genetics. 79, 4, s. 614-627

Introgression of F344 rat genomic DNA on BB rat chromosome 4 generates diabetes-resistant lymphopenic BB rats.
Fuller, J., Kwitek, A. E., Hawkins, T. J., Moralejo, D. H., Lu, W., Tupling, T. D., Macmurray, A. J., Borchardt, G., Hasinoff, M. & Lernmark, Å., 2006, I: Diabetes. 55, s. 3351-3357

MHC class I chain-related gene-A is associated with IA2 and IAA but not GAD in Swedish type 1 diabetes mellitus
Gupta, M., Graham, J., McNeeny, B., Zarghami, M., Landin-Olsson, M., Hagopian, W. A., Palmer, J., Lernmark, Å. & Sanjeevi, C. B., 2006, I: Annals of the New York Academy of Sciences. 1079, s. 229-239

Prenatal viral exposure followed by adult stress produces glucose intolerance in a mouse model.
Niklasson, B., Samsioe, A., Blixt, M., Sandler, S., Sjöholm, A., Lagerquist, E., Lernmark, Å. & Klitz, W., 2006, I: Diabetologia. 49, 9, s. 2192-2199

Reduction of tissue transglutaminase autoantibody levels by gluten-free diet is associated with changes in subsets of peripheral blood lymphocytes in children with newly diagnosed coeliac disease.
Agardh, D., Lynch, K., Brundin, C., Ivarsson, S.-A., Lernmark, Å. & Cilio, C. M., 2006, I: Clinical and Experimental Immunology. 144, 1, s. 67-75

Targeting type 1 diabetes before and at the clinical onset of disease.
Bekris, L. M., Kavanagh, T. J. & Lernmark, Å., 2006, I: Endocrine, Metabolic & Immune Disorders - Drug Targets. 6, 1, s. 103-124

TEDDY- The environmental determinants of diabetes in the young - An observational clinical trial
Hagopian, W. A., Lernmark, Å., Rewers, M. J., Simell, O. G., She, J.-X., Ziegler, A. G., Krischer, J. P. & Akolkar, B., 2006, I: Annals of the New York Academy of Sciences. 1079, s. 320-326

Aberrancies in the differentiation and maturation of dendritic cells from bone-marrow precursors are linked to various genes on chromosome 4 and other chromosomes of the BB-DP rat.
Sommandas, V., Rutledge, E. A., Van Yserloo, B., Fuller, J., Lernmark, Å. & Drexhage, H. A., 2005, I: Journal of Autoimmunity. 25, 1, s. 1-12

Association of the E23K polymorphism in the KCNJ11 gene with gestational diabetes mellitus.
Shaat, N., Ekelund, M., Lernmark, Å., Ivarsson, S., Almgren, P., Berntorp, K. & Groop, L., 2005, I: Diabetologia. 48, 12, s. 2544-2551

Autoantibodies Against Soluble and Immobilized Human Recombinant Tissue Transglutaminase in Children with Celiac Disease.
Agardh, D., Dahlbom, I., Daniels, T., Lörinc, E., Ivarsson, S., Lernmark, Å. & Hansson, T., 2005, I: Journal of Pediatric Gastroenterology and Nutrition - Jpgn. 41, 3, s. 322-327

Autoantibodies in diabetes.
Pihoker, C., Gilliam, L. K., Hampe, C. S. & Lernmark, Å., 2005, I: Diabetes. 54, Dec, s. 52-61

Calcium activation of tissue transglutaminase in radioligand binding and enzyme-linked autoantibody immunoassays in childhood celiac disease.
Agardh, D., Roth, B., Lernmark, Å. & Stenberg, P., 2005, I: Clinica Chimica Acta. 358, 1-2, s. 95-103

Clinical evidence for the safety of GAD65 immunomodulation in adult-onset autoimmune diabetes.
Agardh, C.-D., Cilio, C. M., Lethagen, Å., Lynch, K., Leslie, R. D. G., Palmér, M., Harris, R. A., Robertson, J. A. & Lernmark, Å., 2005, I: Journal of Diabetes and its Complications. 19, 4, s. 238-246

D6S265*15 marks a DRB1*15, DQB1*0602 haplotype associated with attenuated protection from type 1 diabetes mellitus.
Valdes, A. M., Thomson, G., Graham, J., Zarghami, M., McNeney, B., Kockum, I., Smith, A., Lathrop, M., Steenkiste, A. R., Dorman, J. S., Noble, J. A., Hansen, J. A., Pugliese, A., Lernmark, Å., Swedish Childhood Diabetes Study Group, The Diabetes incidence in Sweden study group & Type 1 Diabetes Component of the 13th International Histocompatibility Working Group, 2005, I: Diabetologia. 48, 12, s. 2540-2543

Defects in differentiation of bone-marrow derived dendritic cells of the BB rat are partly associated with IDDM2 (the lyp gene) and partly associated with other genes in the BB rat background.
Sommandas, V., Rutledge, E. A., Van Yserloo, B., Fuller, J., Lernmark, Å. & Drexhage, H. A., 2005, I: Journal of Autoimmunity. 25, 1, s. 46-56

Diabetes-associated HLA genotypes affect birthweight in the general population.
Larsson, H., Lynch, K., Lernmark, B., Nilsson, A., Hansson, G., Almgren, P., Lernmark, Å. & Ivarsson, S., 2005, I: Diabetologia. 48, Jul 1, s. 1484-1491

DR.lyp/lyp bone marrow maintains lymphopenia and promotes diabetes in lyp/lyp but not in +/+ recipient DR.lyp BB rats
Hawkins, T., Fuller, J., Olson, K., Speros, S. & Lernmark, Å., 2005, I: Journal of Autoimmunity. 25, 4, s. 251-257

Epitope analysis of insulin autoantibodies using recombinant Fab
Padoa, C. J., Crowther, N. J., Thomas, J. W., Hall, T. R., Bekris, L. M., Törn, C., Landin-Olsson, M., Ortqvist, E., Palmer, J. P., Lernmark, Å. & Hampe, C. S., 2005, I: Clinical and Experimental Immunology. 140, 3, s. 564-571

Glutathione-s-transferase M1 and T1 polymorphisms and associations with type 1 diabetes age-at-onset.
Bekris, L. M., Shephard, C., Peterson, M., Hoehna, J., Van Yserloo, B., Rutledge, E., Farin, F., Kavanagh, T. J. & Lernmark, Å., 2005, I: Autoimmunity. 38, 8, s. 567-575

Increased risk of diabetes among relatives of female insulin-treated patients diagnosed at 15-34 years of age.
Åkesson, K., Nyström, L., Färnkvist, L., Ostman, J., Lernmark, Å. & Kockum, I., 2005, I: Diabetic Medicine. 22, 11, s. 1551-1557

Medicinska biobanken - en unik resurs för medicinsk forskning
Stigbrand, T., Rymo, L. & Lernmark, Å., 2005, I: Läkartidningen. 102, 39, s. 2769-2772

Type 1 diabetes--does suppressing T cells increase insulin?
Lernmark, Å., 2005, I: New England Journal of Medicine. 352, 25, s. 2642-2644

A high prevalence of organ-specific autoimmunity in patients with bipolar disorder.
Padmos, R. C., Bekris, L., Knijff, E. M., Tiemeier, H., Kupka, R. W., Cohen, D., Nolen, W. A., Lernmark, Å. & Drexhage, H. A., 2004, I: Biological Psychiatry. 56, 7, s. 476-482

Conformation-dependent GAD65 autoantibodies in diabetes
Luo, D., Gilliam, L., Greenbaum, C., Bekris, L., Hampe, C., Daniels, T., Richter, W., Marcovina, S., Rolandsson, O., Landin-Olsson, M., Kockum, I. & Lernmark, Å., 2004, I: Diabetologia. 47, 9, s. 1581-1591

Development of glutamic acid decarboxylase 65 (GAD65) autoantibody assay using biotin-GAD65 fusion protein.
Luo, D., Rogers, C. N., Steed, J. T., Gilliam, L. K., Hampe, C. S. & Lernmark, Å., 2004, I: Journal of Biotechnology. 111, 1 , s. 97-104

Epitope-restricted 65-kilodalton glutamic acid decarboxylase autoantibodies among new-onset Sardinian type 2 diabetes patients define phenotypes of autoimmune diabetes.
Maioli, M., Alejandro, E., Tonolo, G., Gilliam, L. K., Bekris, L., Hampe, C. S., Obinu, D. A., Manconi, A., Puddu, L., Lynch K, K. & Lernmark, Å., 2004, I: Journal of Clinical Endocrinology and Metabolism. 89, 11, s. 5675-5682

Genetic and perinatal factors as risk for childhood type 1 diabetes
Larsson, K., Larsson, H., Cederwall, E., Kockum, K., Sjöblad, S., Lindberg, B., Lernmark, B., Cilio, C., Ivarsson, S. & Lernmark, Å., 2004, I: Diabetes/Metabolism Research & Reviews. 20, 6, s. 429-437

Genotypic and phenotypic differences between Arabian and Scandinavian women with gestational diabetes mellitus.
Shaat, N., Ekelund, M., Lernmark, Å., Ivarsson, S., Nilsson, A., Perfekt, R., Berntorp, K. & Groop, L., 2004, I: Diabetologia. 47, 5, s. 878-884

HLA-DRB1, -DQA1, and -DQB1 subtypes or ACE gene polymorphisms do not seem to be risk markers for severe retinopathy in younger Type 1 diabetic patients.
Agardh, E., Gaur, L. K., Lernmark, Å. & Agardh, C.-D., 2004, I: Journal of Diabetes and its Complications. 18, 1, s. 32-36

Immune intervention for prevention of type 1 diabetes
Lernmark, Å., 2004, *Conference Proceedings 2004 APHL NBS and Genetics Testing Symposium.*

Involvement of eotaxin, eosinophils, and pancreatic predisposition in development of type 1 diabetes mellitus in the BioBreeding rat.
Hessner, M. J., Wang, X., Meyer, L., Geoffrey, R., Jia, S., Fuller, J., Lernmark, Å. & Ghosh, S., 2004, I: Journal of Immunology. 173, 11, s. 6993-7002

Non-invasive imaging of beta cell mass: a quantitative analysis.
Sweet, I. R., Cook, D. L., Lernmark, Å., Greenbaum, C. J. & Krohn, K. A., 2004, I: Diabetes Technology & Therapeutics. 6 , 5, s. 652-659

Preface.
Notkins, A. L., Lernmark, Å. & Leslie, D., 2004, I: Autoimmunity. 37, 4, s. 251

Systematic screening of potential beta-cell imaging agents.
Sweet, I. R., Cook, C. J., Lernmark, Å., Greenbaum, C. J., Wallen, A. R., Marcum, E. S., Stekhova, S. A. & Krohn, K. A., 2004, I: Biochemical and Biophysical Research Communications. 314, 4, s. 976-983

Transgenic rescue demonstrates involvement of the Ian5 gene in T cell development in the rat.
Michalkiewicz, M., Michalkiewicz, T., Ettinger, R. A., Rutledge, E. A., Fuller, J. M., Moralejo, D. H., Van Yserloo, B., MacMurray, A. J., Kwitek, A. E., Jacob, H. J., Lander, E. S. & Lernmark, Å., 2004, I: Physiological Genomics. 19, 2, s. 228-232

Using radioligand-binding assays to measure tissue transglutaminase autoantibodies in young children.
Agardh, D., Carlsson, A., Lynch, K., Axelsson, I., Lernmark, Å. & Ivarsson, S., 2004, I: Acta Pædiatrica. 93, 8, s. 1046-1051

Follow-up Report on the Diagnosis of Diabetes Mellitus
Lernmark, A. (medarbetare) & Expert Committee on the Diagnosis and Classification of Diabetes, 2003 nov. 1, I: Diabetes Care. 26, 11, s. 3160-3167

Association between the transmembrane region polymorphism of MHC class I chain related gene-A and type 1 diabetes mellitus in Sweden
Gupta, M., Nikitina-Zake, L., Zarghami, M., Landin-Olsson, M., Kockum, I., Lernmark, Å. & Sanjeevi, C. B., 2003, I: Human Immunology. 64, 5, s. 553-561

Bead injection ELISA for the determination of antibodies implicated in type 1 diabetes mellitus.
Carroll, A. D., Scampavia, L., Luo, D., Lernmark, Å. & Ruzicka, J., 2003, I: Analyst. 128, Sep, s. 1157-1162

Development of type 1 diabetes in wild bank voles associated with islet autoantibodies and the novel Ijungan virus.
Niklasson, B., Heller, K. E., Schønecker, B., Bildsøe, M., Daniels, T., Hampe, C. S., Widlund, P., Simonson, W. T., Schaefer, J. B., Rutledge, E., Bekris, L., Lindberg, A. M., Johansson, S., Ortqvist, E., Persson, B. & Lernmark, Å., 2003, I: International journal of experimental diabesity research. 4, 1, s. 35-44

Diabetes Type 1 (Insulin-Dependent Diabetes Mellitus).
Gilliam, L. K. & Lernmark, Å., 2003, *Encyclopedia of Hormones.* Henry, H. L. & Norman, A. W. (red.). Elsevier, Vol. 1-3. s. 398-406

GAD2 on chromosome 10p12 is a candidate gene for human obesity.
Boutin, P., Dina, C., Vasseur, F., Dubois, S., Corset, L., Séron, K., Bekris, L., Cabellon, J., Neve, B., Vasseur-Delannoy, V., Chikri, M., Charles, M. A., Clement, K., Lernmark, Å. & Froguel, P., 2003, I: PLoS Biology. 1, 3, 68.

Genetic dissection of lymphopenia from autoimmunity by introgression of mutated Ian5 gene onto the F344 rat.
Moralejo, D. H., Park, H. A., Speros, S. J., MacMurray, A. J., Kwitek, A. E., Jacob, H. J., Lander, E. S. & Lernmark, Å., 2003, I: Journal of Autoimmunity. 21, 4, s. 315-324

High GAD65 autoantibody levels in nondiabetic adults are associated with HLA but not with CTLA-4 or INS VNTR.
Rolandsson, O., Hägg, E., Janer, M., Rutledge, E., Gaur, L. K., Nilsson, M., Hallmans, G. & Lernmark, Å., 2003, I: Journal of Internal Medicine. 253, 4, s. 447-453

Impaired glucagon response to sympathetic nerve stimulation in the BB diabetic rat: effect of early sympathetic islet neuropathy.
Mundinger, T. O., Mei, Q., Figlewicz, D. P., Lernmark, Å. & Taborsky, G. J. J., 2003, I: American Journal of Physiology: Endocrinology and Metabolism. 285, 5, s. 1047-1054

Islet autoantibodies in cord blood from patients who developed type 1 diabetes mellitus at 15-30 years of age.
Elfving, M., Lindberg, B., Nyström, L., Sundkvist, G., Lernmark, Å. & Ivarsson, S., 2003, I: Autoimmunity. 36, 4, s. 227-231

Islet cell autoantibodies in cord blood from children with blood group incompatibility or hyperbilirubinemia.
Elfving, M., Lindberg, B., Landin-Olsson, M., Hampe, C. S., Lernmark, A. & Ivarsson, S., 2003, I: Autoimmunity. 36, 2, s. 111-115

Ketosis-prone diabetes: dissection of a heterogeneous syndrome using an immunogenetic and beta-cell functional classification, prospective analysis, and clinical outcomes
Maldonado, M., Hampe, C. S., Gaur, L. K., D'Amico, S., Iyer, D., Hammerle, L. P., Bolgiano, D., Rodriguez, L., Rajan, A., Lernmark, Å. & Balasubramanyam, A., 2003, I: Journal of Clinical Endocrinology and Metabolism. 88, 11, s. 5090-5098

Molecular Biology of β-Cell Destruction
Lernmark, Å. & Chung, C. H., 2003, *Type 1 Diabetes: Etiology and Treatment. (Contemporay Endocrinology).* Sperling, M. A. (red.). Humana Press, s. 71

Molecular engineering of biotin-glutamic acid decarboxylase 65 fusion protein (Biotin-GAD65) for non-radioactive GAD65 antibody assay
Luo, D., Rogers, C. N., Hampe, C. S. & Lernmark, Å., 2003, I: Journal of Biotechnology. 103, 3, s. 249-255

Standardization of antibody preparations for use in immunogenicity studies: a case study using the World Health Organization International Collaborative Study for Islet Cell Antibodies.
Mire-Sluis, A., Gaines Das, R. & Lernmark, Å., 2003, I: Developments in Biologicals. 112, s. 153-163

Tissue transglutaminase immunoglobulin isotypes in children with untreated and treated celiac disease
Agardh, D., Borulf, S., Lernmark, Å. & Ivarsson, S., 2003, I: Journal of Pediatric Gastroenterology and Nutrition - Jpgn. 36, 1, s. 77-82

Type 1 diabetes in Swedish bank voles (Clethrionomys glareolus): signs of disease in both colonized and wild cyclic populations at peak density.
Niklasson, B., Hörnfeldt, B., Nyholm, E., Niedrig, M., Donoso-Mantke, O., Gelderblom, H. R. & Lernmark, Å., 2003, I: Annals of the New York Academy of Sciences. 1005, 1, s. 170-175

Unique epitopes of glutamic acid decarboxylase autoantibodies in slowly progressive type 1 diabetes.
Kobayashi, T., Tanaka, S., Okubo, M., Nakanishi, K., Murase, T. & Lernmark, Å., 2003, I: Journal of Clinical Endocrinology and Metabolism. 88, 10, s. 4768-4775

GAD65 antibody epitope patterns of type 1.5 diabetic patients are consistent with slow-onset autoimmune diabetes.
Hampe, C. S., Kockum, I., Landin-Olsson, M., Törn, C., Ortqvist, E., Persson, B., Rolandsson, O., Palmer, J. & Lernmark, A., 2002 aug., I: Diabetes Care. 25, 8, s. 1481-1482 2 s.

Animal models of endocrine/organ-specific autoimmune diseases: do they really help us to understand human autoimmunity?
Lam-Tse, W., Lernmark, Å. & Drexhage, H., 2002, I: Springer Seminars in Immunopathology. 24, 3, s. 297-321

Controlling the controls: GAD65 autoreactive T cells in type 1 diabetes.
Lernmark, Å., 2002, I: Journal of Clinical Investigation. 109, 7, s. 869-870

Dynamic perifusion to maintain and assess isolated pancreatic islets.
Sweet, I. R., Cook, D. L., Wiseman, R. W., Greenbaum, C. J., Lernmark, Å., Matsumoto, S., Teague, J. C. & Krohn, K. A., 2002, I: Diabetes Technology & Therapeutics. 4, 1, s. 67-76

Early, selective, and marked loss of sympathetic nerves from the islets of BioBreeder diabetic rats.
Mei, Q., Mundinger, T., Lernmark, Å. & Taborsky, G. J., 2002, I: Diabetes. 51, 10, s. 2997-3002

GAD65 and IA-2 autoantibodies are common in a subset of siblings of Sardinian Type 2 diabetes families.
Maioli, M., Tonolo, G., Bekris, L., Cirillo, R., Schranz, D., Cossu, E., Ciccarese, M., Lernmark, Å. & Study Group for the Genetics of Diabetes in Sardinia (SGGDS, 2002, I: Diabetes Research and Clinical Practice. 56, 1, s. 41-47

Genetic effects on age-dependent onset and islet cell autoantibody markers in type 1 diabetes.
Graham, J., Hagopian, W., Kockum, I., Li, L., Sanjeevi, C., Lowe, R., Schaefer, J., Zarghami, M., Day, H., Landin-Olsson, M., Palmer, J., Janer-Villanueva, M., Hood, L., Sundkvist, G., Lernmark, Å., Breslow, N., Dahlquist, G. & Blohme, G., 2002 , I: Diabetes. 51, 5, s. 1346-1355

Induction of donor-specific tolerance to islet allografts in nonhuman primates.
Gaur, L., Kennedy, E., Nitta, Y., Nepom, G., Nelson, K., Allen, M. & Lernmark, Å., 2002, I: Annals of the New York Academy of Sciences. 958, s. 194-198

Induction of islet allotolerance in nonhuman primates
Gaur, L. K., Nitta, Y., Kennedy, E., Lernmark, Å., Nelson, K. A., Allen, M. & Nepom, G. T., 2002, I: Annals of the New York Academy of Sciences. 958, s. 199-203 5 s.

Lymphopenia in the BB rat model of type 1 diabetes is due to a mutation in a novel immune-associated nucleotide (Ian)-related gene.
MacMurray, A. J., Moralejo, D. H., Kwitek, A. E., Rutledge, E. A., Van Yserloo, B., Gohlke, P., Speros, S. J., Snyder, B., Schaefer, J., Bieg, S., Jiang, J., Ettinger, R. A., Fuller, J., Daniels, T. L., Pettersson, A., Orlebeke, K., Birren, B., Jacob, H. J., Lander, E. S. & Lernmark, Å., 2002, I: Genome Research. 12, 7, s. 1029-1039

Macrophages from high-risk HLA-DQB1*0201/*0302 type 1 diabetes mellitus patients are hypersensitive to lipopolysaccharide stimulation.
Plesner, A., Greenbaum, C. J., Gaur, L. K., Ernst, R. K. & Lernmark, Å., 2002, I: Scandinavian Journal of Immunology. 56, 5, s. 522-529

Multiple sclerosis and type 1 diabetes: an unlikely alliance.
Lernmark, Å., 2002, I: The Lancet. 359, 9316, s. 1450-1451

Protein-free diets do not protect high-incidence diabetes-prone BioBreeding rats from diabetes.
Simonson, W., Ramanathan, S., Bieg, S., Poussier, P. & Lernmark, Å., 2002, I: Metabolism: Clinical and Experimental. 51 , 5, s. 569-574

Serum IgG to heat shock proteins and Porphyromonas gingivalis antigens in diabetic patients with periodontitis.
Sims, T., Lernmark, Å., Mancl, L., Schifferle, R., Page, R. & Persson, G., 2002, I: Journal of Clinical Periodontology. 29, 6, s. 551-562

Stable GAD65 autoantibody epitope patterns in type 1 diabetes children five years after onset.
Hampe, C., Hammerle, L., Bekris, L., Ortqvist, E., Persson, B. & Lernmark, Å., 2002, I: Journal of Autoimmunity. 18, 1, s. 49-53

Streptozotocin induced diabetes in minipig: a case report of a possible model for type 1 diabetes?
Rolandsson, O., Haney, M. F., Hagg, E., Biber, B. & Lernmark, Å., 2002, I: Autoimmunity. 35, 4, s. 261-264

Studies on the association between 2'5'-oligoadenylate synthetase and type 1 diabetes.
Zarghami, M., Bonnevie-Nielsen, V., Tobias, R., Engel, M., Graham, J., McNeney, B., Schaefer, J. & Lernmark, Å., 2002, *[Host publication title missing].* HLA

The antibody response to bacteriophage is linked to the lymphopenia gene in congenic BioBreeding rats.
Clark, L., Greenbaum, C., Jiang, J., Lernmark, Å. & Ochs, H., 2002, I: Pathogens and Disease. 32, 3, s. 205-209

The combination of several polymorphic amino acid residues in the DQ alpha and DQ beta chains forms a domain structure pattern and is associated with insulin-dependent diabetes mellitus

Sanjeevi, C., Landin-Olsson, M., Kockum, I., Dahlquist, G. & Lernmark, Å., 2002, I: Annals of the New York Academy of Sciences. 958, s. 362-375

Tissue transglutaminase autoantibodies and human leucocyte antigen in Down's syndrome patients with coeliac disease.
Agardh, D., Nilsson, A., Carlsson, A., Kockum, I., Lernmark, A. & Ivarsson, S. A., 2002, I: Acta Pædiatrica. 91, 1, s. 34-38

Type 1 diabetes as a model for prediction and diagnosis.
Lernmark, Å., 2002, I: Autoimmunity. 37, 5, s. 341-345

Type 1 diabetes-related autoantibodies are rare in Alaska native populations.
Mohatt, J., Gilliam, L., Bekris, L., Ebbesson, S. & Lernmark, Å., 2002, I: International Journal of Circumpolar Health. 61, 1, s. 21-31

Gene and Cell-Replacement Therapy in the Treatment of Type 1 Diabetes: How High Must the Standards Be Set?
Halban, P. A., Kahn, S. E., Lernmark, Å. & Rhodes, C. J., 2001 okt., I: Diabetes. 50, 10, s. 2181-2191 11 s.

Treatment outcome for IDDM patients in relation to glutamic acid decarboxylase autoantibodies and serum IgG to periodontal pathogens
Sims, T. J., Lernmark, Å., Smith, T., Page, R. C. & Persson, G. R., 2001 juni, I: Journal of Clinical Periodontology. 28, 6, s. 550-557 8 s.

Low serum conditions for in vitro generation of human macrophages with macrophage colony stimulating factor
Plesner, A., Greenbaum, C. J. & Lernmark, Å., 2001 mars 1, I: Journal of Immunological Methods. 249, 1-2, s. 53-61 9 s.

A novel monoclonal antibody specific for the N-terminal end of GAD65
Hampe, C. S., Lundgren, P., Daniels, T. L., Hammerle, L. P., Marcovina, S. M. & Lernmark, Å., 2001 feb. 1, I: Journal of Neuroimmunology. 113, 1, s. 63-71 9 s.

Glucose-regulated insulin expression in diabetic rats
Barry, S. C., Ramesh, N., Lejnieks, D. V., Simonson, W. T., Kemper, L., Lernmark, Å. & Osborne, W. R. A., 2001 jan. 20, I: Human Gene Therapy. 12, 2, s. 131-139 9 s.

Site-directed mutagenesis of K396R of the 65 kDa glutamic acid decarboxylase active site obliterates enzyme activity but not antibody binding
Hampe, C. S., Hammerle, L. P., Falorni, A., Robertson, J. D. & Lernmark, Å., 2001 jan. 19, I: FEBS Letters. 488, 3, s. 185-189 5 s.

Activated human epitope-specific T cells identified by class II tetramers reside within a CD4high, proliferating subset
Novak, E. J., Masewicz, S. A., Liu, A. W., Lernmark, Å., Kwok, W. W. & Nepom, G. T., 2001, I: International Immunology. 13, 6, s. 799-806 8 s.

Autoimmune diseases: Are markers ready for prediction?
Lernmark, Å., 2001, I: Journal of Clinical Investigation. 108, 8, s. 1091-1096 6 s.

Autoimmune type 1 diabetes: Resolved and unresolved issues
Notkins, A. L. & Lernmark, Å., 2001, I: Journal of Clinical Investigation. 108, 9, s. 1247-1252 6 s.

Combinations of beta cell specific autoantibodies at diagnosis of diabetes in young adults reflects different courses of beta cell damage
Törn, C., Landin-Olsson, M., Lernmark, Å., Scherstén, B., Ostman, J., Arnqvist, H. J., Bjork, E., Blohme, G., Bolinder, J., Eriksson, J., Littorin, B., Nyström, L. & Sundkvist, G., 2001, I: Autoimmunity. 33, 2, s. 115-120

Comparison of the prevalence of glutamic acid decarboxylase (GAD65) and gliadin antibodies (AGA) in a randomly selected adult estonian population

Uibo, R., Sullivan, E. P., Uibo, O., Lernmark, A., Salur, L., Kivik, T. & Mandel, M., 2001, I: Hormone and Metabolic Research. 33, 9, s. 564-7

Low-dose streptozotocin induces sustained hyperglycemia in Macaca nemestrina
Gaur, L. K., Nepom, G. T. & Lernmark, Å., 2001, I: Autoimmunity. 33, 2, s. 103-114 12 s.

Molecular manipulation of autoantibody testing in type 1 diabetes: Two for one
Sacks, D. B. & Lernmark, A., 2001, I: Clinical Chemistry. 47, 5, s. 803-804 2 s.

Prediction of diabetes with body mass index, oral glucose tolerance test and islet cell autoantibodies in a regional population
Rolandsson, O., Hägg, E., Nilsson, M., Hallmans, G., Mincheva-Nilsson, L. & Lernmark, Å., 2001, I: Journal of Internal Medicine. 249, 4, s. 279-288 10 s.

Prediction of silent celiac disease at diagnosis of childhood type 1 diabetes by tissue transglutaminase autoantibodies and HLA
Agardh, D., Ramelius, A., Toumi, T., Lindberg, B., Carlsson, A. K., Lernmark, Å. & Ivarsson, S., 2001, I: Pediatric Diabetes. 2, 2, s. 58-65

Preservation of enzyme activity and antigenicity after mutagenesis of the membrane anchoring domain of GAD65
Plesner, A., Hampe, C. S., Daniels, T. L., Hammerle, L. P. & Lernmark, Å., 2001, I: Autoimmunity. 34, 4, s. 221-230 10 s.

Type 1 (Insulin-Dependent) Diabetes Mellitus: Etiology, Pathogenesis, and Natural History
Lernmark, A., 2001, *Endocrinology.* DeGroot, L. J. & Jameson, J. L. (red.). 4th ed uppl. Philadelphia: W.B. Saunders, s. 763-775 13 s.

Evaluation of a novel radioimmunoassay using ^{125}I-labelled human recombinant GAD65 for the determination of glutamic acid decarboxylase (GAD65) autoantibodies
Marcovina, S. M., Landin-Olsson, M., Essen-Möller, A., Palmer, J. P. & Lernmark, Å., 2000 mars, I: International Journal of Clinical and Laboratory Research. 30, 1, s. 21-26 6 s.

Alternative splicing of GAD67 results in the synthesis of a third form of glutamic-acid decarboxylase in human islets and other non-neural tissues
Chessler, S. D. & Lernmark, Å., 2000 feb. 18, I: Journal of Biological Chemistry. 275, 7, s. 5188-5192 5 s.

Rapid-onset type 1 diabetes with pancreatic exocrine dysfunction
Lernmark, A., 2000 feb. 3, I: New England Journal of Medicine. 342, 5, s. 344-345 2 s.

Rel B is an early marker of autoimmune islet inflammation in the BioBreeding (BB) rat
Bieg, S., Simonson, W. T., Ellefsen, K. & Lernmark, Å., 2000 jan., I: Pancreas. 20, 1, s. 47-54 8 s.

Antibodies to glutamic acid decarboxylase and peripheral nerve function in type 1 diabetes
Hoeldtke, R. D., Bryner, K. D., Hobbs, G. R., Horvath, G. G., Riggs, J. E., Christie, I., Ganser, G., Marcovina, S. M. & Lernmark, A., 2000, I: Journal of Clinical Endocrinology and Metabolism. 85, 9, s. 3297-3308 12 s.

GAD65-specific autoantibodies enhance the presentation of an immunodominant T-cell epitope from GAD65
af Hällström-Reijonen, C., Daniels, T. L., Lernmark, A. & Nepom, G. T., 2000, I: Diabetes. 49, 10, s. 1621-1626 6 s.

Glutamic acid decarboxylase antibodies (GADA) is the most important factor for prediction of insulin therapy within 3 years in young adult diabetic patients not classified as Type 1 diabetes on clinical grounds
Törn, C., Landin-Olsson, M., Östman, J., Scherstén, B., Arnqvist, H., Blohmé, G., Björk, E., Bolinder, J., Eriksson, J., Littorin, B., Nyström, L., Sundkvist, G. & Lernmark, Å., 2000, I: Diabetes/Metabolism Research and Reviews. 16, 6, s. 442-447 6 s.

Ketoacidosis in young adults is not related to the islet antibodies at the diagnosis of Type 1 diabetes mellitus - A nationwide study
Östman, J., Landin-Olsson, M., Törn, C., Palmer, J., Lernmark, A., Arnqvist, H., Björk, E., Bolinder, J., Blohmé, G., Eriksson, J., Littorin, B., Nyström, L., Scherstén, B., Sundkvist, G. & Wibell, L., 2000, I: Diabetic Medicine. 17, 4, s. 269-274 6 s.

Newly diagnosed latent autoimmune diabetes in adults (LADA) is associated with low level glutamate decarboxylase (GAD65) and IA-2 autoantibodies
Schranz, D. B., Bekris, L., Landin-Olsson, M., Törn, C., Niläng, A., Toll, Å., Sjöström, J., Grönland, H. & Lernmark, Å., 2000, I: Hormone and Metabolic Research. 32, 4, s. 133-138 6 s.

Prognostic factors for the course of β cell function in autoimmune diabetes
Törn, C., Landin-Olsson, M., Lernmark, Å., Palmer, J. P., Arnqvist, H. J., Blohmé, G., Lithner, F., Littorin, B., Nyström, L., Scherstén, B., Sundkvist, G., Wibell, L. & Östman, J., 2000, I: Journal of Clinical Endocrinology and Metabolism. 85, 12, s. 4619-4623 5 s.

Recognition of glutamic acid decarboxylase (GAD) by autoantibodies from different GAD antibody-positive phenotypes
Hampe, C. S., Hammerle, L. P., Bekris, L., Örtqvist, E., Kockum, I., Rolandsson, O., Landin-Olsson, M., Torn, C., Persson, B. & Lernmark, Å., 2000, I: Journal of Clinical Endocrinology and Metabolism. 85, 12, s. 4671-4679 9 s.

Stability of disease-associated antibody titers in pregnant women with type 1 diabetes with or without residual β-cell function [2]
Nord, E., Edwall, L., Hampe, C. S., Bekris, L., Persson, B. E. & Lernmark, Å., 2000, I: Diabetes Care. 23, 7, s. 1019-1021 3 s.

The length of the CTLA-4 microsatellite (AT)(N)-repeat affects the risk for type 1 diabetes
Lowe, M. R., Graham, J., Sund, G., Kockum, I., Landin-Olsson, M., Schaefer, J. B., Torn, C., Lernmark, A., Dahlquist, G. & Blohme, G., 2000, I: Autoimmunity. 32, 3, s. 173-180 8 s.

The role of glutamic acid decarboxylase and GABA in the pancreas and diabetes.
Chessler, S. D. & Lernmark, Å., 2000, *GABA in the Nervous System: The View at Fifty Years.* Martin, D. L. & Olsen, R. W. (red.). Philadelphia: Lippincott Williams & Wilkins, s. 471-484 14 s.

The World Health Organization international collaborative study for islet cell antibodies
Mire-Sluis, A. R., Gaines Das, R. & Lernmark, Å., 2000, I: Diabetologia. 43, 10, s. 1282-1292 11 s.

Epitope-specific glutamic acid decarboxylase-65 autoantibodies in intravenous immunoglobulin preparations
Hao, W., Davis, C., Daniels, T., Hampe, C. S. & Lernmark, Å., 1999 dec. 1, I: Transfusion Medicine. 9, 4, s. 307-310

HLA associations in type 1 diabetes among patients not carrying high-risk DR3-DQ2 or DR4-DQ8 haplotypes
Undlien, D. E., Kockum, I., Rønningen, K. S., Lowe, R., Saanjeevi, C. B., Graham, J., Lie, B. A., Akselsen, H. E., Lernmark, Å. & Thorsby, E., 1999 dec. 1, I: Tissue Antigens. 54, 6, s. 543-551

Islet autoantibodies in cord blood could be a risk factor for future diabetes [5]
Lindberg, B., Ivarsson, S. A. & Lernmark, A., 1999 dec. 1, I: Diabetologia. 42, 12, s. 1443

Vaccination mot typ 1-diabetes framme vid kliniska försöksstadiet
Lernmark, Å., 1999 dec. 1, I: Läkartidningen. 96, 11, s. 1300-1302

Islet autoantibodies in cord blood could be a risk factor for future diabetes [1]
Lindberg, B., Ivarsson, S. A. & Lernmark, A., 1999 nov. 6, I: Diabetologia. 42, 11, s. 1375

Tolerance to kidney allograft transplanted into Type I diabetic patients persists after in vivo challenge with pancreatic islet allografts that express repeated mismatches [5]
Stobbe, I., Duinkerken, G., Van Rood, J. J., Lernmark, A., Keymeulen, B., Pipeleers, D., De Vries, R. R. P., Claas, F. H. J. & Roep, B. O., 1999 nov. 6, I: Diabetologia. 42, 11, s. 1379-1380

Complex interaction between HLA DR and DQ in conferring risk for childhood type 1 diabetes
Kockum, I., Sanjeevi, C. B., Eastman, S., Landin-Olsson, M., Dahlquist, G. & Lernmark, Å., 1999 okt. 23, I: European Journal of Immunogenetics. 26, 5, s. 361-372 12 s.

BB rat diabetes susceptibility and body weight regulation genes colocalize on Chromosome 2
Klaff, L. S., Koike, G., Jiang, J., Wang, Y., Bieg, S., Pettersson, A., Lander, E., Jacob, H. & Lernmark, A., 1999 sep. 30, I: Mammalian Genome. 10, 9, s. 883-887

Plasmapheresis and immunosuppression in stiff-man syndrome with type 1 diabetes: A 2-year study [5]
Hao, W., Davis, C., Hirsch, I. B., Eng, L. J., Daniels, T., Walsh, D. & Lernmark, A., 1999 sep. 14, I: Journal of Neurology. 246, 8, s. 731-735

A diabetogenic gene prevents T cells from receiving costimulatory signals
Moore, J. K., Gold, D. P., Dreskin, S. C., Lernmark, Å. & Bellgrau, D., 1999 maj 25, I: Cellular Immunology. 194, 1, s. 90-97

Glutamate decarboxylase (GAD65) and tyrosine phosphatase-like protein (IA-2) autoantibodies index in a regional population is related to glucose intolerance and body mass index
Rolandsson, O., Hägg, E., Hampe, C., Sullivan, E. P., Nilsson, M., Jansson, G., Hallmans, G. & Lernmark, Å., 1999 maj 5 , I: Diabetologia. 42, 5, s. 555-559

Negative association between type 1 diabetes and HLA DQB1*0602-DQA1*0102 is attenuated with age at onset
Graham, J., Kockum, I., Sanjeevi, C. B., Landin-Olsson, M., Nyström, L., Sundkvist, G., Arnqvist, H., Blohmé, G., Lithner, F., Littorin, B., Scherstén, B., Wibell, L., Östman, J., Lernmark, Å., Breslow, N. & Dahlquist, G., 1999 maj 5, I: European Journal of Immunogenetics. 26, 2-3, s. 117-127

Species-specific autoantibodies in type 1 diabetes
Hampe, C. S., Örtqvist, E., Rolandsson, O., Landin-Olsson, M., Törn, C., Ågren, Å., Persson, B., Schranz, D. B. & Lernmark, Å., 1999 feb. 17, I: Journal of Clinical Endocrinology and Metabolism. 84, 2, s. 643-648

A conformation-dependent epitope in Addison's disease and other endocrinological autoimmune diseases maps to a carboxyl-terminal functional domain of human steroid 21-hydroxylase
Nikoshkov, A., Falorni, A., Lajic, S., Laureti, S., Wedell, A., Lernmark, Å. & Luthman, H., 1999 feb. 15, I: Journal of Immunology. 162, 4, s. 2422-2426

Islet autoantibodies in cord blood from children who developed type I (insulin-dependent) diabetes mellitus before 15 years of age
Lindberg, B., Ivarsson, S. A., Landin-Olsson, M., Sundkvist, G., Svanberg, L. & Lernmark, Å., 1999 feb. 10, I: Diabetologia. 42, 2, s. 181-187 7 s.

Towards a World Health Organisation (WHO) approved standard sample for islet cell antibodies, GAD65 and IA-2 autoantibodies [2]
Lernmark, A., Kolb, H. & Mire-Sluis, T., 1999 feb., I: Diabetologia. 42, 3, s. 381-382

Appearance of islet cell autoantibodies after clinical diagnosis of diabetes mellitus
Landin-Olsson, M., Arnqvist, H. J., Blohmé, G., Littorin, B., Lithner, F., Nyström, L., Scherstén, B., Sundkvist, G., Wibell, L., Östman, J. & Lernmark, Å., 1999 jan. 1, I: Autoimmunity. 29, 1, s. 57-63 7 s.

Auto- and alloimmune reactivity to human islet allografts transplanted into type 1 diabetic patients
Roep, B. O., Stobbe, I., Duinkerken, G., Van Rood, J. J., Lernmark, Å., Keymeulen, B., Pipeleers, D., Claas, F. H. J. & De Vries, R. R. P., 1999 jan. 1, I: Diabetes. 48, 3, s. 484-490

Diabetes resistance in the BB rat maps to a body weight regulator on chromosome 2
Klaff, L. S., Koike, G., Jiang, J., Wang, Y., Bieg, S., Pettersson, A., Lander, E., Jacob, H. & Lernmark, Å., 1999 jan. 1, I: Journal of Investigative Medicine. 47, 2, s. 2A

Glutamate decarboxylase (GAD) autoantibody epitope shift during the first year of Type 1 diabetes
Hampe, C. S., Örtqvist, E., Persson, B., Schranz, D. B. & Lernmark, Å., 1999 jan. 1, I: Hormone and Metabolic Research. 31, 10, s. 553-557

Influence of heredity on the appearance of islet autoantibodies in cordblood from children developing type I diabetes before 15 years of age [2]
Lindberg, B., Ivarsson, S. A. & Lernmark, Å., 1999 jan. 1, I: Diabetologia. 42, 7, s. 896-897 2 s.

Islet cell and glutamic acid decarboxylase antibodies present at diagnosis of diabetes predict the need for insulin treatment: A cohort study in young adults whose disease was initially labeled as type 2 or unclassifiable diabetes
Littorin, B., Sundkvist, G., Hagopian, W., Landin-Olsson, M., Lernmark, Å., Östman, J., Arnqvist, H. J., Blohme, G., Bolinder, J., Eriksson, J. W., Lithner, F., Scherstén, B. & Wibell, L., 1999 jan. 1, I: Diabetes Care. 22, 3, s. 409-412

Prevalence of β-cell and Thyroid Autoantibody Positivity in Schoolchildren during Three-Year Follow-up
Lindberg, B., Carlsson, A., Ericsson, U.-B., Kockum, I., Lernmark, Å., Landin-Olsson, M., Sundkvist, G. & Ivarsson, S.-A., 1999 jan. 1, I: Autoimmunity. 31, 3, s. 175-185

Previous exposure to measles, mumps, and rubella--but not vaccination during adolescence--correlates to the prevalence of pancreatic and thyroid autoantibodies.
Lindberg, B., Ahlfors, K., Carlsson, A., Ericsson, U. B., Landin-Olsson, M., Lernmark, Å., Ludvigsson, J., Sundkvist, G. & Ivarsson, S. A., 1999 jan. 1, I: Pediatrics. 104, 1, s. 1-5

Radioimmunoassay for glutamic acid decarboxylase-65.
Hao, W., Daniels, T., Pipeleers, D. G., Smismans, A., Reijonen, H., Nepom, G. T. & Lernmark, A., 1999 jan. 1, I: Diabetes Technology & Therapeutics. 1, 1, s. 13-20

Recombinant human platelet-activating factor acetylhydrolase reduces the frequency of diabetes in the diabetes-prone BB rat
Lee, E. S., Jiang, J., Sund, G. C., Simonson, W. T., Graham, J., Dietsch, G., Schimpf, B., Bieg, S., Peterman, G. & Lernmark, Å., 1999 jan. 1, I: Diabetes. 48, 1, s. 43-49

Selecting culprits in type 1 diabetes β-cell killing
Lernmark, A., 1999 jan. 1, I: Journal of Clinical Investigation. 104, 11, s. 1487-1489

The development of a World Health Organisation international standard for islet cell antibodies: The aims and design of an international collaborative study
Mire-Sluis, A. R., Das, R. G. & Lernmark, Å., 1999 jan. 1, I: Diabetes/Metabolism Research and Reviews. 15, 1, s. 72-77

Third Seattle Islet Symposium: Recent advances in signaling mechanisms common to the nervous system and islets
Baskin, D. G. & Lernmark, A., 1999 jan. 1, *Third Seattle Islet Symposium.* 5 uppl. Vol. 31. s. 329 (Hormone and Metabolic Research).

Type I diabetes
Lernmark, Å., 1999 jan. 1, I: Clinical Chemistry. 45, 8 II, s. 1331-1338

Animal Models for Insulin-Dependent Diabetes Mellitus
Bieg, S. & Lernmark, Å., 1999, *Autoimmune endocrinopathies.* Volpé, R. (red.). New Jersey: Humana Press, s. 113-139 26 s. (Contemporary endocrinology; vol. 15).

Etiological diagnosis of primary adrenal insufficiency using an original flowchart of immune and biochemical markers
Laureti, S., Aubourg, P., Calcinaro, F., Rocchiccioli, F., Casucci, G., Angeletti, G., Brunetti, P., Lernmark, Å., Santeusanio, F. & Falorni, A., 1998 nov. 14, I: Journal of Clinical Endocrinology and Metabolism. 83, 9, s. 3163-3168

Severe insulin resistance in a patient with type 1 diabetes and stiff- man syndrome treated with insulin lispro
Hirsch, I. B., D'Alessio, D., Eng, L., Davis, C., Lernmark, Å. & Chait, A., 1998 sep. 1, I: Diabetes Research and Clinical Practice. 41, 3, s. 197-202

Sometimes it's hot, sometimes it's not
Lernmark, Å. & Ott, J., 1998 juli 15, I: Nature Genetics. 19, 3, s. 213-214

Pituitary autoantibodies in patients with hypopituitarism and their relatives
Strömberg, S., Crock, P., Lernmark, Å. & Hulting, A. L., 1998 juni 1, I: Journal of Endocrinology. 157, 3, s. 475-480

A simple and rapid microSepharose assay for GAD65 and ICA512 autoantibodies in diabetes
Schranz, D. B., Bekris, L., Landin-Olsson, M., Törn, C., Niläng, A., Toll, Å., Grönlund, H., Toivola, B. & Lernmark, Å., 1998 apr. 1, I: Journal of Immunological Methods. 213, 1, s. 87-97

Genetic isolation of iddm 1 on Chromosome 4 in the BioBreeding (BB) rat
Bieg, S., Koike, G., Jiang, J., Klaff, L., Pettersson, A., MacMurray, A. J., Jacob, H. J., Lander, E. S. & Lernmark, Å., 1998 apr. 1, I: Mammalian Genome. 9, 4, s. 324-326

Association between autoantibody markers and subtypes of DR4 and DR4-DQ in Swedish children with insulin-dependent diabetes reveals closer association of tyrosine pyrophosphatase autoimmunity with DR4 than DQ8
Sanjeevi, C. B., Hagopian, W. A., Landin-Olsson, M., Kockum, I., Woo, W., Palmer, J. P., Lernmark, Å. & Dahlquist, G., 1998 mars 25, I: Tissue Antigens. 51, 3, s. 281-286

Immunology in diabetes: An update
Schranz, D. B. & Lernmark, Å., 1998 jan. 1, I: Diabetes/Metabolism Reviews. 14, 1, s. 3-29

Beta Cell Antigens
Plesner, A. & Lernmark, Å., 1998, *Endocrine Autoimmunity and Associated Conditions.* Weetman, A. P. (red.). Dordrecht: Kluwer Academic Publishers, Vol. 27. s. 113-144 31 s. (Immunology and Medicine Series; vol. 27).

Combined use of autoantibodies (IA-2 autoantibody, GAD autoantibody, insulin autoantibody, cytoplasmic islet cell antibodies) in type 1 diabetes: Combinatorial Islet Autoantibody Workshop
Verge, C. F., Stenger, D., Bonifacio, E., Colman, P. G., Pilcher, C., Bingley, P. J., Eisenbarth, G. S., Landin-Olsson, M. (medarbetare), Lernmark, A. (medarbetare) & Participating Laboratories, 1998, I: Diabetes. 47, 12, s. 1857-1866

Diabetes: (Part II. Organs and Tissues)
Bieg, S. & Lernmark, Å., 1998, *The autoimmune diseases.* Rose, N. R. & Mackay, I. R. (red.). 3 uppl. San Diego: Academic Press, s. 431-457 26 s.

Inverse relationship between GAD65 antibody levels and severe retinopathy in younger type 1 diabetic patients
Agardh, D., Agardh, E., Landin-Olsson, M., Gaur, L. K., Agardh, C.-D. & Lernmark, Å., 1998, I: Diabetes Research and Clinical Practice. 40, 1, s. 9-14

Type 1 (Insulin-Dependent) Diabetes Mellitus
Chessler, S. D. & Lernmark, Å., 1998, *Clinical diabetes mellitus: a problem-oriented approach.* Davidson, J. K. (red.). New York ; Stuttgart: Thieme Medical Publishers, Vol. 3. s. 37-57 21 s.

Immune surveillance: Paraneoplastic or environmental triggers of autoimmunity
Lernmark, Å., 1997 dec. 29, *Critical Reviews in Immunology.* 5-6 uppl. Begell House, Vol. 17. s. 437-447 (Critical Reviews in Immunology).

Glutamate decarboxylase antibodies in non-diabetic pregnancy precedes insulin-dependent diabetes in the mother but not necessarily in the offspring
Ivarsson, S.-A., Ackefors, M., Ekberg, G., Falorni, A., Kockum, I., Landin-Olsson, M., Lernmark, Å., Lindberg, B., Sundkvist, G., Svanberg, L. & Carlsson, A., 1997 nov. 8, I: Autoimmunity. 26, 4, s. 261-269 9 s.

The beta cell glucokinase promoter variant is an unlikely risk factor for diabetes mellitus
Lotfi, K., Sund, G., Lowe, R., Graham, J., Landin-Olsson, M., Kockum, I., Deeb, S. & Lernmark, Å., 1997 aug. 11, I: Diabetologia. 40, 8, s. 959-962

The lymphopenia (lyp) gene controls the intrathymic cytokine ratio in congenic biobreeding rats
Bieg, S., Möller, C., Olsson, T. & Lernmark, Å., 1997 aug. 2, I: Diabetologia. 40, 7, s. 786-792

Regulation of islet growth: Reports from the second Seattle islet symposium
Lernmark, A., 1997 juli 24, I: Hormone and Metabolic Research. 29, 6, s. 264

Age governs gender-dependent islet cell autoreactivity and predicts the clinical course in childhood IDDM
Örtqvist, E., Falorni, A., Scheynius, A., Persson, B. & Lernmark, Å., 1997 jan. 1, I: Acta Paediatrica, International Journal of Paediatrics. 86, 11, s. 1166-1171

Analysis of critical residues of HLA-DQ6 molecules in insulin-dependent diabetes mellitus
Sanjeevi, C. B., DeWeese, C., Landin-Olsson, M., Kockum, I., Dahlquist, G., Lernmark, Å. & Lybrand, T. P., 1997 jan. 1, I: Tissue Antigens. 50, 1, s. 61-65

Antibodies to GAD and glycemic control in recent-onset IDDM
Hoeldtke, R. D., Bryner, K. D., Horvath, G. G., Byerly, M. R., Hobbs, G. R., Marcovina, S. M. & Lernmark, A., 1997 jan. 1, I: Diabetes Care. 20, 12, s. 1900-1903

Associations of GAD65- and IA-2-autoantibodies with genetic risk markers in new-onset IDDM patients and their siblings: The Belgian Diabetes Registry
Vandewalle, C. L., Falorni, A., Lernmark, Å., Goubert, P., Dorchy, H., Coucke, W., Semakula, C., Van Der Auwera, B., Kaufman, L., Schuit, F. C., Pipeleers, D. G. & Gorus, F. K., 1997 jan. 1, I: Diabetes Care. 20, 10, s. 1547-1552

Autoantibodies to the GM2-1 islet ganglioside and to GAD-65 at type 1 diabetes onset
Dotta, F., Falorni, A., Tiberti, C., Dionisi, S., Anastasi, E., Torresi, P., Lernmark, A. & Di Mario, U., 1997 jan. 1, I: Journal of Autoimmunity. 10, 6, s. 585-588

Family cell lines available for research - An endangered resource? [7]
Lernmark, A., Eisenbarth, G., Ducat, L., Erlich, H., Faustman, D., Maclaren, N., Ott, J., Permutt, M. A., She, J.-X. & Todd, J., 1997 jan. 1, I: American Journal of Human Genetics. 61, 3, s. 778-779

Transcript of open discussion
Nepom, G., Singh, B., Gold, D., Sherman, L., Lernmark, A., Robbins, P., Celis, E. & Nishimura, M., 1997 jan. 1, I: Critical Reviews in Immunology. 18, 1-2, s. 145-152

Pathophysiology of type I (insulin-dependent) diabetes
Palmer, J. & Lernmark, Å., 1997, *Ellenberg and Rifkin's Diabetes Mellitus: Theory and Practice.* Porte, D. & Sherwin, R. S. (red.). Stamford, Conneticut: Appleton & Lange, s. 455-476 21 s.

Different HLA-DR-DQ haplotypes are associated with cervical intraepithelial neoplasia among human papillomavirus type-16 seropositive and seronegative Swedish women
Sanjeei, C. B., Hjelmström, P., Hallmans, G., Wiklund, F., Lenner, P., Ångström, T., Dillner, J. & Lernmark, Å., 1996 dec. 21, I: International Journal of Cancer. 68, 4, s. 409-414

Naturally processed T cell epitopes from human glutamic acid decarboxylase identified using mice transgenic for the type 1 diabetes- associated human MHC class II allele, DRB1*0401
Wicker, L. S., Chen, S. L., Nepom, G. T., Elliott, J. F., Freed, D. C., Bansal, A., Zheng, S., Herman, A., Lernmark, Å., Zaller, D. M., Peterson, L. B., Rothbard, J. B., Cummings, R. & Whiteley, P. J., 1996 dec. 1, I: Journal of Clinical Investigation. 98, 11, s. 2597-2603

Antibodies to glutamic acid decarboxylase and insulin-dependent diabetes in patients with autoimmune polyendocrine syndrome type I
Tuomi, T., Björses, P., Falorni, A., Partanen, J., Perheentupa, J., Lernmark, Å. & Miettinen, A., 1996 apr. 22, I: Journal of Clinical Endocrinology and Metabolism. 81, 4, s. 1488-1494

HLA and glutamic acid decarboxylase in human insulin-dependent diabetes mellitus
Sanjeevi, C. B., Falorni, A., Kockum, I., Hagopian, W. A. & Lernmark, Å., 1996 mars 15, I: Diabetic Medicine. 13, 3, s. 209-217

A comparison of three statistical models for IDDM associations with HLA
Graham, J., Kockum, I., Breslow, N., Lernmark, Å. & Holmberg, E., 1996 jan. 1, I: Tissue Antigens. 48, 1, s. 1-14 14 s.

Antibody to the Mr 65,000 isoform of glutamic acid decarboxylase are detected in non-insulin-dependent diabetes in Japanese
Kasuga, A., Maruyama, T., Ozawa, Y., Takei, I., Falorni, A., Lernmark, Å. & Saruta, T., 1996 jan. 1, I: Journal of Autoimmunity. 9, 1, s. 105-111

Association between HLA and islet cell antibodies in diabetic patients with a mitochondrial DNA mutation at base pair 3243
Kobayashi, T., Oka, Y., Katagiri, H., Falornl, A., Kasiiga, A., Takei, I., Nuakanishi, K., Murase, T., Kosaka, K. & Lernmark, A., 1996 jan. 1, I: Diabetologia. 39, 10, s. 1196-1200

Autoimmune (type 1) diabetes in young adults in Sweden
Östman, J., Lernmark, Å., Landin-Olsson, M., Sundkvist, G., Palmer, J., Arnqvist, H., Blohmé, G., Lithner, F., Littorin, B., Nyström, L., Scherstén, B. & Wibell, L., 1996 jan. 1, I: Hormone and Metabolic Research. 28, 7, s. 348-350 3 s.

Diagnostic sensitivity of immunodominant epitopes of glutamic acid decarboxylase (GAD65) autoantihodies in childhood IDDM
Falorni, A., Ackefors, M., Carlberg, C., Daniels, T., Persson, B., Robertson, J. & Lernmark, Å., 1996 jan. 1, I: Diabetologia. 39, 9, s. 1091-1098

DR4 subtypes and their molecular properties in a population-based study of Swedish childhood diabetes
Sanjeevi, C. B., Höök, P., Landin-Olsson, M., Kockum, I., Dahlquist, G., Lybrand, T. P. & Lernmark, Å., 1996 jan. 1, I: Tissue Antigens. 47, 4, s. 275-283

Genetic and immunological findings in patients with newly diagnosed insulin-dependent diabetes mellitus
Kockum, I., Lernmark, Å., Dahlquist, G., Falorni, A., Hagopian, W. A., Landin-Olsson, M., Li, L. C., Luthman, H., Palmer, J. P., Sanjeevi, C. B., Sundkvist, G., Östman, J. & Swedish Childhood Diabetes Study Group, 1996 jan. 1, I: Hormone and Metabolic Research. 28, 7, s. 344-347

Glutamic acid decarboxylase (GAD) in insulin-dependent diabetes mellitus
Sanjeevi, C. B., Falorni, A., Robertson, J. & Lernmark, Å., 1996 jan. 1, I: Diabetes, Nutrition and Metabolism - Clinical and Experimental. 9, 4, s. 167-182

Glutamic acid decarboxylase - Gene to antigen to disease
Lernmark, Å., 1996 jan. 1, I: Journal of Internal Medicine. 240, 5, s. 259-277

HLA class II is associated with the frequency of glutamic acid decarboxylase M(r) 65,000 autoantibodies in Japanese patients with insulin dependent diabetes mellitus
Kasuga, A., Falorni, A., Maruyama, T., Ozawa, Y., Grubin, C. E., Matsubara, K., Takei, I., Saruta, T., Scheynius, A. & Lernmark, Å., 1996 jan. 1, I: Acta Diabetologica. 33, 2, s. 108-113

Islet cell and glutamic acid decarboxylase antibodies in hyperthyroid patients: At diagnosis and following treatment
Hallengren, B., Falorni, A., Landin-Olsson, M., Lernmark, Å., Papadopoulos, K. I. & Sundkvist, G., 1996 jan. 1, I: Journal of Internal Medicine. 239, 1, s. 63-68

HLA-DQB1*0201/0302 is associated with severe retinopathy in patients with IDDM
Agardh, D., Gaur, L. K., Agardh, E., Landin-Olsson, M., Agardh, C.-D. & Lernmark, Å., 1996, I: Diabetologia. 39, 11, s. 1313-1317

Humoral Autoimmunity
Lernmark, Å., 1996, *Diabetes Mellitus :A fundamental and Clinical Text.* LeRoith, D., Taylor, S. I. & Olefsky, J. M. (red.). 1 uppl. Philadelphia, PA: Lippincott-Raven Publishers, s. 298-307 9 s.

Islet Cell Autoantibodies
Hagopian, W. A. & Lernmark, A., 1996, *Autoantibodies.* Peter, J. B. & Shoenfeld, Y. (red.). Amsterdam: Elsevier, s. 441-448 7 s.

Prediction - Lessons from animal models: The BB rat
Pettersson, A., Jacob, H. & Lernmark, A., 1996, *Prediction, Prevention and Genetic Counseling in DDM.* Palmer, J. P. (red.). Chichester, UK: John Wiley & Sons Inc., s. 181-200

Sexual dimorphism in transmission of expression of islet autoantibodies to offspring
Yu, L., Chase, H. P., Falorni, A., Rewers, M., Lernmark, Å. & Eisenbarth, G. S., 1995 nov. 1, I: Diabetologia. 38, 11, s. 1353-1357

Radioimmunoassays for glutamic acid decarboxylase (GAD65) and GAD65 autoantibodies using ^{35}S or ^{3}H recombinant human ligands
Falorni, A., Örtqvist, E., Persson, B. & Lernmark, Å., 1995 okt. 12, I: Journal of Immunological Methods. 186, 1, s. 89-99

Predictability of heterozygosity scores and polymorphism information content values for rat genetic markers
Pettersson, A., Winer, E. S., Weksler-Zangen, S., Lernmark, Å. & Jacob, H. J., 1995 aug. 1, I: Mammalian Genome. 6, 8, s. 512-520

A genetic linkage map of the laboratory rat, Rattus norvegicus
Jacob, H. J., Brown, D. M., Bunker, R. K., Daly, M. J., Dzau, V. J., Goodman, A., Koike, G., Kren, V., Kurtz, T., Lernmark, Å., Levan, G., Mao, Y. P., Pettersson, A., Pravenec, M., Simon, J. S., Szpirer, C., Szpirer, J., Trolliet, M. R., Winer, E. S. & Lander, E. S., 1995 jan. 1, I: Nature Genetics. 9, 1, s. 63-69

Differential detection of rat islet and brain glutamic acid decarboxylase (GAD) isoforms with sequence-specific peptide antibodies
Li, L., Jiang, J., Hagopian, W. A., Karlsen, A. E., Skelly, M., Baskin, D. G. & Lernmark, A., 1995 jan. 1, I: Journal of Histochemistry and Cytochemistry. 43, 1, s. 53-59

Effects of the second HLA-DQ haplotype on the association with childhood insulin-dependent diabetes mellitus
Sanjeevi, C. B., Landin-Olsson, M., Kockum, I., Dahlquist, G. & Lernmark, Å., 1995 jan. 1, I: Tissue Antigens. 45, 2, s. 148-152

Flow injection fluorescence microscopy applied to a rapid cell surface immunoassay
Pollema, C. H., Lernmark, Å. & Ruzicka, J., 1995 jan. 1, I: Cytometry. 19, 1, s. 70-76

Glutamate decarboxylase antibody levels predict rate of β-cell decline in adult-onset diabetes
Gottsäter, A., Landin-Olsson, M., Lernmark, Å., Fernlund, P., Sundkvist, G. & Hagopian, W. A., 1995 jan. 1, I: Diabetes Research and Clinical Practice. 27, 2, s. 133-140

Glutamate decarboxylase-, insulin-, and islet cell-antibodies and HLA typing to detect diabetes in a general population-based study of Swedish children
Hagopian, W. A., Sanjeevi, C. B., Kockum, I., Landin-Olsson, M., Karlsen, A. E., Sundkvist, G., Dahlquist, G., Palmer, J. & Lernmark, Å., 1995 jan. 1, I: Journal of Clinical Investigation. 95, 4, s. 1505-1511

Glutamic acid decarboxylase antibodies and diabetes complications: Assay reliability and validity
Lernmark, A., 1995 jan. 1, I: Diabetes Care. 18, 2, s. 269-271

Heterogeneity of islet pathology in two infants with recent onset diabetes mellitus
Lernmark, Å., Stenger, D., Baskin, D. G., Palmer, J. P., Li, L., Klöppel, G., Vathanaprida, C., Fält, K., Landin-Olsson, M., Gown, A. M., Petersen, J. S., Edenvall, H. & Mauseth, R. S., 1995 jan. 1, I: Virchows Archiv. 425, 6, s. 631-640 10 s.

High diagnostic accuracy for idiopathic Addison's disease with a sensitive radiobinding assay for autoantibodies against recombinant human 21-hydroxylase
Falorni, A., Nikoshkov, A., Laureti, S., Grenb&#65533;ck, E., Hulting, A. L., Casucci, G., Santeusanio, F., Brunetti, P., Luthman, H. & Lernmark, Å., 1995 jan. 1, I: Journal of Clinical Endocrinology and Metabolism. 80, 9, s. 2752-2755 4 s.

High diagnostic sensitivity of glutamate decarboxylase autoantibodies in insulin-dependent diabetes mellitus with clinical onset between age 20 and 40 years
Vandewalle, C. L., Falorni, A., Svanholm, S., Lernmark, Å., Pipeleers, D. G. & Gorus, F. K., 1995 jan. 1, I: Journal of Clinical Endocrinology and Metabolism. 80, 3, s. 846-851

Interferon expression in the pancreases of patients with type I diabetes
Huang, X., Yuan, J., Goddard, A., Foulis, A., James, R. F. L., Lernmark, Å., Pujol-Borrell, R., Rabinovitch, A., Somoza, N. & Stewart, T. A., 1995 jan. 1, I: Diabetes. 44, 6, s. 658-664

Polymorphic amino acid variations in HLA-DQ are associated with systematic physical property changes and occurrence of IDDM
Sanjeevi, C. B., Lybrand, T. P., Deweese, C., Landin-Olsson, M., Kockum, I., Dahlquist, G., Sundkvist, G., Stenger, D. & Lernmark, A., 1995 jan. 1, I: Diabetes. 44, 1, s. 125-131

POPULATION ANALYSIS OF PROTECTION BY HLA-DR AND DQ GENES FROM INSULIN-DEPENDENT DIABETES MELLITUS IN SWEDISH CHILDREN WITH INSULIN-DEPENDENT DIABETES AND CONTROLS
Kockum, I., Sanjeevi, C. B., Eastman, S., Landin-Olsson, M., Dahlouist, G. & Lernmark, Å., 1995 jan. 1, I: International Journal of Immunogenetics. 22, 6, s. 443-465

Targeting of the 67-kDa isoform of glutamic acid decarboxylase to intracellular organelles is mediated by its interaction with the NH_2- terminal region of the 65-kDa isoform of glutamic acid decarboxylase
Dirkx, R., Thomas, A., Li, L., Lernmark, A., Sherwin, R. S., De Camilli, P. & Solimena, M., 1995 jan. 1, I: Journal of Biological Chemistry. 270, 5, s. 2241-2246

T cells from BB-DP rats show a unique cytokine mRNA profile associated with the IDDMI susceptibility gene, LYP
Gold, D. P., Shaikewitz, S. T., Mueller, D., Redd, J. R., Sellins, K. S., Pettersson, A., Lernmark, A. & Bellgrau, D., 1995 jan. 1, I: Autoimmunity. 22, 3, s. 149-161

Thyroiditis in the BB rat is associated with lymphopenia but occurs independently of diabetes
Pettersson, A., Wilson, D., Daniels, T., Tobin, S., Jacob, H. J., Lander, E. S. & Lernmark, Å., 1995 jan. 1, I: Journal of Autoimmunity. 8, 4, s. 493-505

A combinatorial antibody library for the cloning of IDDM-associated autoantibody genes
Falorni, A., Borch, A., Persson, B. & Lernmark, Å., 1995, *Diabetes 1994: Proceedings of the 15th International Diabetes Federation Congress, Kobe, 6-11, November 1994 (International Congress Series).* Baba, S. & Kaneko, T. (red.). Amsterdam: Elsevier Science Publishers B.V., s. 1057-1062 5 s.

Etiology, Pathogenesis, and Natural History of Insulin-Dependent (Type 1) Diabetes.
Lernmark, Å., 1995, *Endocrinology* . DeGroot, L. J. (red.). 3 uppl. Philadelphia : W.B. Saunders

Islet cell antibodies are associated with β-cell failure also in obese adult onset diabetic patients
Gottsäter, A., Landin-Olsson, M., Lernmark, Å., Fernlund, P. & Sundkvist, G., 1994 dec. 1, I: Acta Diabetologica. 31, 4, s. 226-231 6 s.

Inheritance of MHC class II genes in IDDM studied in population-based affected and control families
Kockum, I., Wassmuth, R., Holmberg, E., Michelsen, B. & Lernmark, Å., 1994 nov. 1, I: Diabetologia. 37, 11, s. 1105-1112

Molecular biology of IDDM
Lernmark, Å., 1994 sep. 1, I: Diabetologia. 37, 2 Supplement

A novel radioligand binding assay to determine diagnostic accuracy of isoform-specific glutamic acid decarboxylase antibodies in childhood IDDM
Grubin, C. E., Daniels, T., Toivola, B., Landin-Olsson, M., Hagopian, W. A., Li, L., Karlsen, A. E., Boel, E., Michelsen, B. & Lernmark, Å., 1994 apr. 1, I: Diabetologia. 37, 4, s. 344-350

Analysis of antibody markers, DRB1, DRB5, DQA1 and DQB1 genes and modeling of DR2 molecules in DR2-positive patients with insulin-dependent diabetes mellitus
Sanjeevi, C. B., Lybrand, T. P., Landin-Olsson, M., Kockum, I., Dahlquist, G., Hagopian, W. A., Palmer, J. P. & Lernmark, Å., 1994 jan. 1, I: Tissue Antigens. 44, 2, s. 110-119

Failure to detect genomic viral sequences in pancreatic tissues from two children with acute-onset diabetes mellitus
Buesa-Gomez, J., De LaTorre, J. C., Dyrberg, T., Landin-Olsson, M., Mauseth, R. S., Lernmark, A. & Oldstone, M. B. A., 1994 jan. 1, I: Journal of Medical Virology. 42, 2, s. 193-197 5 s.

Functional state of the β cell affects expression of both forms of glutamic acid decarboxylase
Hao, W., Li, L., Mehta, V., Lernmark, Å. & Palmer, J. P., 1994 jan. 1, I: Pancreas. 9, 5, s. 558-562

Identification of autoantibody epitopes of glutamic acid decarboxylase in Stiff-man syndrome patients
Li, L., Hagopian, W. A., Brashear, H. R., Daniels, T. & Lernmark, A., 1994 jan. 1, I: Journal of Immunology. 152, 2, s. 930-934

Islet cell antibodies, but not glutamic acid decarboxylase antibodies, are decreased by plasmapheresis in patients with newly diagnosed insulin-dependent diabetes mellitus
Sundkvist, G., Hagopian, W. A., Landin-Olsson, M., Lernmark, Å., Ohlsson, L., Ericsson, C. & Ahlmén, J., 1994 jan. 1, I: Journal of Clinical Endocrinology and Metabolism. 78, 5, s. 1159-1165

Kan insulinberoende diabetes botas? Mer forskning om GAD-autoimmunitet krävs.
Lernmark, A., 1994 jan. 1, I: Läkartidningen. 91, 44, s. 3977-3980 4 s.

Radioimmunoassay detects the frequent occurrence of autoantibodies to the mr 65,000 isoform of glutamic acid decarboxylase in japanese insulin-dependent diabetes
Falorni, A., Grubin, C. E., Takei, I., Shimada, A., Kasuga, A., Maruyama, T., Ozawa, Y., Kasatani, T., Saruta, T., Li, L. & Lernmark, A., 1994 jan. 1, I: Autoimmunity. 19, 2, s. 113-125

Weight loss in rats following intraventricular transplants of pancreatic islets
Richardson, R. D., Ramsay, D. S., Lernmark, A., Scheurink, A. J. W., Baskin, D. G. & Woods, S. C., 1994 jan. 1, I: American Journal of Physiology - Regulatory Integrative and Comparative Physiology. 266, 1

High level of concordance between assays for glutamic acid decarboxylase antibodies: The First International Glutamic Acid Decarboxylase Antibody Workshop

Schmidli, R. S., Colman, P. G., Bonifacio, E., Bottazzo, G. F., Harrison, L. C. & Lernmark, Å. (medarbetare), 1994, I: Diabetes. 43, 8, s. 1005-9

Islet cell expression and autoimmunity to two isoforms of glutamic acid decarboxylase in relation to insulin-dependent diabetes
Karlsen, A. E., Petersen, J., Hagopian, W. A., Rambrandt, T., Videbaek, N., Grubin, C. E., Li, L., Boel, E., Worsaae, A., Dyrberg, T., Madsen, O., Lernmark, Å. & Michelsen, B., 1994, *Insulin secretion and pancreatic B-cell research.* Flatt, P. R. & Lenzen, S. (red.). London: Smith-Gordon, s. 499-507 8 s.

Analysis of HLA-DQA1 and -DQB1 genes in Mexican Americans with insulin-dependent diabetes mellitus
Sanjeevi, C. B., Zeidler, A., Shaw, S., Rotter, J., Nepom, G. T., Costin, G., Raffel, L., Eastman, S., Kockum, I., Wassmuth, R. & Lernmark, Å., 1993 jan. 1, I: Tissue Antigens. 42, 1, s. 72-77

Analysis of T-cell surface marker profiles during the postnatal ontogeny of normal and diabetes-prone rats
Haag, F., Nolte, F., Lernmark, A., Simrell, C. & Thiele, H. G., 1993 jan. 1, I: Transplantation Proceedings. 25, 5, s. 2831-2832

Autoantibodies in IDDM primarily recognize the 65,000-M_r rather than the 67,000-M_r isoform of glutamic acid decarboxylase
Hagopian, W. A., Michelsen, B., Karlsen, A. E., Larsen, F., Moody, A., Grubin, C. E., Rowe, R., Petersen, J., Mcevoy, R. & Lernmark, Å., 1993 jan. 1, I: Diabetes. 42, 4, s. 631-636

Autoimmune endocrinopathies 3 Islet cell autoimmunity
LERNMARK, Å., MÖLLER, C., KOCKUM, I. & SANJEEVI, C., 1993 jan. 1, I: Journal of Internal Medicine. 234, 4, s. 361-369

Decreased weight gain in BB rats before the clinical onset of insulin-dependent diabetes
Markholst, H., Eastman, S., Wilson, D., Fisher, L. & Lernmark, Å., 1993 jan. 1, I: Diabetes Research and Clinical Practice. 21, 1, s. 31-38 8 s.

Diabetes type 1 med debut i åldrarna 15 till 34 år. Lägesrapport från diabetesincidensstudien i Sverige.
Lernmark, A. & Ostman, J., 1993 jan. 1, I: Läkartidningen. 90, 42, s. 3652-3656 5 s.

Differential expression of glutamic acid decarboxylase in rat and human islets
Petersen, J. S., Russel, S., Marshall, M. O., Kofod, H., Buschard, K., Cambon, N., Karlsen, A. E., Boel, E., Hagopian, W. A., Hejnæs, K. R., Moody, A., Dyrberg, T., Lernmark, Å., Madsen, O. D. & Michelsen, B. K., 1993 jan. 1, I: Diabetes. 42, 3 , s. 484-495

HLA-DQ primarily confers protection and HLA-DR susceptibility in type I (insulin-dependent) diabetes studied in population-based affected families and controls
Kockum, I., Wassmuth, R., Holmberg, E., Michelsen, B. & Lernmark, A., 1993 jan. 1, I: American Journal of Human Genetics. 53, 1, s. 150-167

HLA-DR3, DQ2 homozygosity in two patients with insulin-dependent diabetes mellitus superimposed with ulcerative colitis and primary sclerosing cholangitis
Ivarsson, S. -., ERIKSSON, S., KOCKUM, I., LERNMARK, Å., LINDGREN, S., NILSSON, K. O., SUNDKVIST, G. & WASSMUTH, R., 1993 jan. 1, I: Journal of Internal Medicine. 233, 3, s. 281-286

HLA genotypes in coeliac disease and healthy individuals carrying gliadin antibodies
Pettersson, A., Sjöberg, K., Lernmark, Å. & Eriksson, S., 1993 jan. 1, I: European Journal of Gastroenterology and Hepatology. 5, 6, s. 445-450 6 s.

Mapping of glutamic acid decarboxylase (GAD) genes
Edelhoff, S., Grubin, C. E., Karlsen, A. E., Adler, D. A., Foster, D., Disteche, C. M. & Lernmark, Å., 1993 jan. 1, I: Genomics. 17, 1, s. 93-97

Prospective evaluation of β-cell function in insulin antoantibody-positive relatives of insulin-dependent diabetic patients
Neifing, J. L., Greenbaum, C. J., Kahn, S. E., McCulloch, D. K., Barmeier, H., Lernmark, Å. & Palmer, J. P., 1993 jan. 1, I: Metabolism. 42, 4, s. 482-486

Protection from bb rat diabetes by the platelet-activating factor inhibitor BN50730
Jobe, L. W., Ubungen, R., Goodner, C. J., Baskin, D. G., Braquet, P. & Lernmark, Å., 1993 jan. 1, I: Autoimmunity. 16, 4, s. 259-266

Quantitative assay using recombinant human islet glutamic acid decarboxylase (GAD65) shows that 64K autoantibody positivity at onset predicts diabetes type
Hagopian, W. A., Karlsen, A. E., Gottsäter, A., Landin-Olsson, M., Grubin, C. E., Sundkvist, G., Petersen, J. S., Boel, E., Dyrberg, T. & Lernmark, Å., 1993 jan. 1, I: Journal of Clinical Investigation. 91, 1, s. 368-374 7 s.

β-cell function in relation to islet cell antibodies during the first 3 yr after clinical diagnosis of diabetes in type II diabetic patients
Gottsater, A., Landin-Olsson, M., Fernlund, P., Lernmark, A. & Sundkvist, G., 1993 jan. 1, I: Diabetes Care. 16, 6, s. 902-910 9 s.

HLA DR AND DQ RFLP ANALYSIS IN CROHN'S DISEASE
Wassmuth, R., Eastman, S., Kockum, I., Holmberg, E., Starck, M., Lindhagen, T., Kalden, J. R., Lernmark, Å., Sundkvist, G. & Lindgren, S., 1993, I: International Journal of Immunogenetics. 20, 5, s. 429-433

Regulation of glutamic acid decarboxylase diabetes autoantigen expression in highly purified isolated islets from Macaca nemestrina
Hagopian, W. A., Karlsen, A. E., Petersen, J. S., Teague, J., Gervassi, A., Jiang, J., Fujimoto, W. & Lernmark, A., 1993, I: Endocrinology. 132, 6, s. 2674-81

Islet cell antibodies and fasting plasma C-peptide during the first 10 yr after diagnosis in patients with diabetes mellitus diagnosed in adult age
Gottsater, A., Samuelsson, U., Nilsson, S., Lernmark, A. & Sundkvist, G., 1992 dec. 1, I: Diabetes, Nutrition and Metabolism - Clinical and Experimental. 5, 4, s. 243-248 6 s.

Diabetes and frontiers of research. Introduction.
Lernmark, A., Morris, P. J. & Rubenstein, A. H., 1992 jan. 1, I: Diabetologia. 35 , Suppl 2

Flow-injection immunoassays: Present and future
Pollema, C. H., Ruzicka, J., Lernmark, Å. & Christian, G. D., 1992 jan. 1, I: Microchemical Journal. 45, 2, s. 121-128 8 s.

Genetic dissection of autoimmune type I diabetes in the BB rat
Jacob, H. J., Pettersson, A., Wilson, D., Mao, Y., Lernmark, Å. & Lander, E. S., 1992 jan. 1, I: Nature Genetics. 2, 1, s. 56-60

Improved specificity of ICA assays in the Fourth International Immunology of Diabetes Serum Exchange Workshop
Greenbaum, C. J., Palmer, J. P., Nagataki, S., Yamaguchi, Y., Molenaar, J. L., Van Beers, W. A. M., Maclaren, N. K., Lernmark, A., Villena, A. A., Barbosa, J., DeBeaufort, C., Becker, D., Becker, F., Betterle, C., Bosi, E., Bottazzo, G. F., Bright, G., Colman, P. & Dawkins, R. L., 1992 jan. 1, I: Diabetes. 41, 12, s. 1570-1574

In vivo effects of interleukin-1/β on blood leukocytes in bb rats prone or resistant to diabetes
Jobe, L. W., Vertrees, S., Wilson, C. A., Jacobs, C., Wilson, D. L., Picha, K. S., Bakert, P. & Lernmark, Å., 1992 jan. 1, I: Autoimmunity. 11, 4, s. 233-237 5 s.

Islet cell and thyrogastric antibodies in 633 consecutive 15- to 34-yr-old patients in the diabetes incidence study in Sweden
Landin-Olsson, M., Karlsson, F. A., Lernmark, A., Sundkvist, G., Arnqvist, H., Blohme, G., Lithner, F., Littorin, B., Nystrom, L., Rosenqvist, U., Schersten, B., Wibell, L. & Ostman, J., 1992 jan. 1, I: Diabetes. 41, 8, s. 1022-1027

Pancreatic beta-cell function evaluated by intravenous glucose and glucagon stimulation. A comparison between insulin and c-peptide to measure insulin secretion
Gottsäter, A., Landin-Olsson, M., Fernlund, P., Gullberg, B., Lernmark, Å. & Sundkvist, G., 1992 jan. 1, I: Scandinavian Journal of Clinical and Laboratory Investigation. 52, 7, s. 631-639 9 s.

Quantitative analysis of islet glutamic acid decarboxylase p64 autoantibodies in insulin-dependent diabetes mellitus
Bärmeier, H., Ahlmén, J., Landin-Olsson, M., Rajotte, R. V., Sundkvist, G., Warnock, G. & Lernmark, Å., 1992 jan. 1, I: Autoimmunity. 13, 3, s. 187-196

Recombinant glutamic acid decarboxylase (representing the single isoform expressed in human islets) detects IDDM-associated 64,000-M_r autoantibodies
Karlsen, A. E., Hagopian, W. A., Petersen, J. S., Boel, E., Dyrberg, T., Grubin, C. E., Michelsen, B. K., Madsen, O. D. & Lernmark, Å., 1992 jan. 1, I: Diabetes. 41, 10, s. 1355-1359

Sequential Injection Immunoassay Utilizing Immunomagnetic Beads
Pollema, C. H., Ruzicka, J., Christian, G. D. & Lernmark, Å., 1992 jan. 1, I: Analytical Chemistry. 64, 13, s. 1356-1361

Aetiology of type I diabetes: genetic aspects
Wassmuth, R., Kockum, I., Karlsen, A., Hagopian, W., Barmeier, H., Dube, S. & Lernmark, Å., 1992, *Insulin, Molecular Biology to Pathology.* Ashcroft, F. M. & Ashcroft, S. J. H. (red.). Oxford: Oxford University Press, s. 285-305

Autoimmune diabetes mellitus
Hagopian, W. & Lernmark, Å., 1992, *Autoimmune diseases II.* Rose, N. R. & Mackay, I. R. (red.). San Diego: Academic Press, s. 235-278

Predictive value of islet cell and insulin autoantibodies for type 1 (insulin-dependent) diabetes mellitus in a population-based study of newly-diagnosed diabetic and matched control children
Landin-Olsson, M., Palmer, J. P., Lernmark, A., Blom, L., Sundkvist, G., Nyström, L. & Dahlquist, G., 1992, I: Diabetologia. 35, 11, s. 1068-73

Cloning and primary structure of a human islet isoform of glutamic acid decarboxylase from chromosome 10
Karlsen, A. E., Hagopian, W. A., Grubin, C. E., Dube, S., Disteche, C. M., Adler, D. A., Bärmeier, H., Mathewes, S., Grant, F. J., Foster, D. & Lernmark, Å., 1991 okt. 1, I: Proceedings of the National Academy of Sciences of the United States of America. 88, 19, s. 8337-8341 5 s.

Risk for developing Type 1 (insulin-dependent) diabetes mellitus and the presence of islet 64K antibodies
Bärmeier, H., McCulloch, D. K., Neifing, J. L., Warnock, G., Rajotte, R. V., Palmer, J. P. & Lernmark, Å., 1991 okt. 1, I: Diabetologia. 34, 10, s. 727-733

Autoimmunity of diabetes
Lernmark, A., Barmeier, H., Dube, S., Hagopian, W., Karlsen, A. & Wassmuth, R., 1991 sep. 30, I: Endocrinology and Metabolism Clinics of North America. 20, 3

Effects of sodium butyrate on proliferation-dependent insulin gene expression and insulin release in glucose-sensitive RIN-5AH cells
Karlsen, A. E., Fujimoto, W. Y., Rabinovitch, P., Dube, S. & Lernmark, A., 1991 juli 22, I: Journal of Biological Chemistry. 266, 12, s. 7542-7548 7 s.

Diabetes segregates as a single locus in crosses between inbred BB rats prone or resistant to diabetes
Markholst, H., Eastman, S., Wilson, D., Andreasen, B. E. & Lernmark, Å., 1991 juli 1, I: Journal of Experimental Medicine. 174, 1, s. 297-300 4 s.

The Fourth International Serum Exchange Workshop to standardize cytoplasmic islet cell antibodies
Lernmark, Å., Molenaar, J. L., van Beers, W. A. M., Yamaguchi, Y., Nagataki, S., Ludvigsson, J., Maclaren, N. K., Arnaiz-Villena, A., Barbosa, J., deBeaufort, C., Becker, D., Becker, F., Betterle, C., Bosi, E., Bottazzo, G. F., Bright, G., Colman,

P., Dawkins, R. L., Elliot, R. B. & Feng, Y. och 19 andra, Gorus, F., Howard, C., Jackson, R., Karjalainen, J., Kobayashi, T., Koelle, M., Kuzuya, H., Kwan, J., Levy Marchal, C., diMario, U., McEvoy, R. C., Palmer, J., Reinauer, K. M., Riley, W. J., Scherbaum, W., Singh, G. J. P., Thivolet, C., Vialettes, B. & Ziegler, A., 1991 juli 1, I: Diabetologia. 34, 7, s. 534-535

Effects of ginkgolide b, a platelet-activating factor inhibitor on insulitis in the spontaneously diabetic bb rat
Beck, J. C., Goodner, C. J., Wilson, C., Wilson, D., Glidden, D., Baskin, D. G., Lernmark, Å. & Braquet, P., 1991 jan. 1, I: Autoimmunity. 9, 3, s. 225-235 11 s.

Human cell lines from families available for diabetes research
Lernmark, Å., 1991 jan. 1, I: Diabetologia. 34, 1, 1 s.

Interleukin-1β regulation of islet and thyroid autoimmunity in the BB rat
Vertrees, S., Wilson, C. A., Ubungen, R., Wilson, D., Baskin, D. G., Toivola, B., Jacobs, C., Boiani, N., Baker, P. & Lernmark, Å., 1991 jan. 1, I: Journal of Autoimmunity. 4, 5, s. 717-732 16 s.

Islet cell antibody reactivity with human fetal pancreatic islets
Sundkvist, G., Bergqvist, A., Weibull, H., Bergqvist, D., Fält, K., Olsson, M. L. & Lernmark, Å., 1991 jan. 1, I: Diabetes Research and Clinical Practice. 14, 1, s. 1-7 7 s.

Islet Cell Cytoplasmic Antibodies (ICA) in Diabetes and Disorders of Glucose Tolerance
Marner, B., Bille, G., Christy, M., Damsgaard, E. M., Garne, S., Heinze, E., Larsen, S., Lernmark, Å., Mandrup-Poulsen, T., Nerup, J. & Schroll, M., 1991 jan. 1, I: Diabetic Medicine. 8, 9, s. 812-816

Leukocytosis at the onset of diabetes in crosses of inbred BB rats
Eastman, S., Markholst, H., Wilson, D. & Lernmark, Å., 1991 jan. 1, I: Diabetes Research and Clinical Practice. 12, 2, s. 113-123 11 s.

Relating homology between the Epstein-Barr virus BOLF1 molecule and HLA-DQw8 β chain to recent onset Type 1 (insulin-dependent) diabetes mellitus
Sairenji, T., Daibata, M., Sorli, C. H., Qvistbäck, H., Humphreys, R. E., Ludvigsson, J., Palmer, J., Landin-Olsson, M., Sundkvist, G., Michelsen, B., Lernmark, Å. & Dyrberg, T., 1991 jan. 1, I: Diabetologia. 34, 1, s. 33-39

Assessment of precision, concordance, specificity, and sensitivity of islet cell antibody measurement in 41 assays
Bonifacio, E., Boitard, C., Gleichmann, H., Shattock, M. A., Molenaar, J. L., Bottazzo, G. F., Assa, S., Arnaiz-Villena, A., Barbosa, J., Betterle, C., Beutner, E., Bright, G., Chapel, H., Codina, M., Dawkins, R., Deitsch, E., Di Mario, U., Eisenbarth, G., Elliot, R. & Gomis de Barbara, R. och 24 andra, Hanafusa, T., Harrison, L., Helmke, K., Howard, C., Veld, P. I. T., Kawathara, D., Kobayashi, T., Landin, M., Lernmark, Å., Maclaren, N., Mandrup-Poulsen, T., Manna, R., Miettinen, A., Palmer, J., Panczel, P., Peter, J., Pirich, K., Quenette, L., Reeves, G., Reinauer, K., Scherbaum, W., Scott-Morgan, L., Vergani, D. & Vialettes, B., 1990 dec. 1, I: Diabetologia. 33, 12, s. 731-736

HLA-DQ and -DX genes in insulin-dependent diabetes mellitus
Michelsen, B., Dyrberg, T., Vissing, H., Serup, P. & Lernmark, A., 1990 nov. 21, I: Current Topics in Microbiology and Immunology. 164, s. 57-68

Islet cell antibodies and fasting C-peptide predict insulin requirement at diagnosis of diabetes mellitus
Landin-Olsson, M., Nilsson, K. O., Lernmark, Å. & Sundkvist, G., 1990 sep. 1, I: Diabetologia. 33, 9, s. 561-568 8 s.

IL-1β modulation of spontaneous autoimmune diabetes and thyroiditis in the BB rat
Wilson, C. A., Jacobs, C., Baker, P., Baskin, D. G., Dower, S., Lernmark, A., Toivola, B., Vertrees, S. & Wilson, D., 1990 juni 8, I: Journal of Immunology. 144, 10, s. 3784-3788

A novel affinity purification method to isolate peptide specific antibodies
Karlsen, A., Lernmark, Å., Kofod, H. & Dyrberg, T., 1990 apr. 17, I: Journal of Immunological Methods. 128, 2, s. 151-157

Cellular and subcellular localization of an M(r) 64,000 protein autoantigen in insulin-dependent diabetes
Christie, M. R., Pipeleers, D. G., Lernmark, A. & Baekkeskov, S., 1990 jan. 23, I: Journal of Biological Chemistry. 265, 1, s. 376-381 6 s.

A novel microwell indirect immunofluorescence assay to detect antibodies against islet cell surface antigens in insulin-dependent diabetes mellitus.
Matsuba, I. & Lernmark, A., 1990 jan. 1, I: Regional Immunology. 3, 1, s. 23-28

HLA Heterozygosity in Insulin-Dependent Diabetes is Most Frequent at the DQ Locus
MICHELSEN, B., WASSMUTH, R., LUDVIGSSON, J., LERNMARK, NEPOM, G. T. & FISHER, L., 1990 jan. 1, I: Scandinavian Journal of Immunology. 31, 4, s. 405-413 9 s.

Immunoreactive trypsin(Ogen) in the sera of children with recent-onset insulin-dependent diabetes and matched controls
Landin-Olsson, M., Borgstrom, A., Blom, L., Sundkvist, G., Lernmark, A. & Swedish Childhood Diabetes Study Group, 1990 jan. 1, I: Pancreas. 5, 3, s. 241-247

Lack of systematically found insulin autoantibodies in spontaneously diabetic BB rats
Markholst, H., Klaff, L. J., Klöppel, G., Lernmark, Å., Mordes, J. P. & Palmer, J., 1990 jan. 1, I: Diabetes. 39, 6, s. 720-727 8 s.

Molecular analysis of the pathogenesis of β-cell destruction in insulin-dependent diabetes mellitus
Lernmark, A., Barmeier, H., Dube, S., Hagopian, W., Karlsen, A. E., Markholst, H., Wilson, C. & Wassmuth, R., 1990 jan. 1, I: Western Journal of Medicine. 153, 5, s. 499-502

Pathophysiology of type I (insulin-dependent) diabetes
Palmer, J. & Lernmark, Å., 1990, *Diabetes mellitus : theory and practice.* Rifkin, H. & Porté, D. (red.). 4 uppl. New York: Elsevier, s. 414-435

The humoral anti-islet response. II. Biochemical studies
Barmeier, H., Christie, M., Herold, B., Herold, K. & Lernmark, Å., 1990, *Autoimmunity and the pathogenesis of diabetes.* Ginsberg-Fellner, F. & McEvoy, R. C. (red.). New York: Springer, s. 87-104 (Endocinology and metabolism: progress in research and clinical practice; vol. 4).

Genes and gene products in the development of diabetes mellitus: Concluding remarks
Lernmark, A., 1989 dec. 1, *Genes and gene products in the development of diabetes mellitus: proceedings of the 3rd Nordisk Insulin Symposium 'Genes ane gene products in the development of diabetes mellitus'. ICS866.* Nerup, J., Mandrup-Poulsen, T., Hokfelt, B., Nerup, J., Mandrup-Poulsen, T. & Hokfelt, B. (red.). Elsevier Science Publishers B.V., s. 421-428 8 s.

Postimmunization activity of oligoadenylate synthetase in peripheral blood lymphocytes from healthY individuals
Bonnevie-Nielsen, V., Heron, I., Kristensen, T., Michelsen, B. & Lernmark, A., 1989 dec. 1, I: Journal of Clinical and Laboratory Immunology. 28, 4, s. 155-160 6 s.

Islet cell and other organ-specific autoantibodies in all children developing Type 1 (insulin-dependent) diabetes mellitus in Sweden during one year and in matched control children
Landin-Olsson, M., Karlsson, A., Dahlquist, G., Blom, L., Lernmark, Å. & Sundkvist, G., 1989 juni 1, I: Diabetologia. 32, 6, s. 387-395 9 s.

Patogenesen ved type 1 diabetes.
Dyrberg, T., Hansen, W. & Lernmark, A., 1989 apr. 24, I: Ugeskrift for Laeger. 151, 17, s. 1029-1030 2 s.

Association of IDDM and attenuated response of 2',5'-oligoadenylate synthetase to yellow fever vaccine
Bonnevie-Nielsen, V., Larsen, M. L., Frifelt, J. J., Michelsen, B. & Lernmark, A., 1989 jan. 1, I: Diabetes. 38, 12, s. 1636-1642

Increased levels of circulating immune complexes are not associated with diabetes in BB rats
Contreas, G., Dyrberg, T., Madsen, O. D., Markholst, H. & Lernmark, A., 1989 jan. 1, I: Diabetes Research. 10, 3, s. 109-113 5 s.

Insulitis and diabetes are preceded by a decrease in β cell volume in diabetes-prone bb rats
Löhr, M., Markholst, H., Dyrberg, T., Klöppel, G., Oberholzer, M. & Lernmark, Å., 1989 jan. 1, I: Pancreas. 4, 1, s. 95-100

Multiple growth hormone-binding proteins are expressed on insulin-producing cells
Møldrup, A., Billestrup, N., Thorn, N. A., Lernmark, Å. & Nielsen, J. H., 1989 jan. 1, I: Molecular Endocrinology. 3, 8, s. 1173-1182 10 s.

Site-specific antibodies distinguish single amino acid substitutions in position 57 in HLA-DQ β-chain alleles associated with insulin-dependent diabetes
Atar, D., Dyrberg, T., Michelsen, B., Karlsen, A., Kofod, H., Molvig, J. & Lernmark, A., 1989 jan. 1, I: Journal of Immunology. 143, 2, s. 533-538

Supravital dithizone staining in the isolation of human and rat pancreatic islets
Hansen, W. A., Christie, M. R., Kahn, R., Norgaard, A., Abel, I., Petersen, A. M., Jorgensen, D. W., Baekkeskov, S., Nielsen, J. H., Lernmark, A., Egeberg, J., Richter-Olesen, H., Grainger, T., Kristensen, J. K., Brynitz, S. & Bilde, T., 1989 jan. 1, I: Diabetes Research. 10, 2, s. 53-57 5 s.

The genetics of susceptibility to diabetes
Wassmuth, R. & Lernmark, Å., 1989 jan. 1, I: Clinical Immunology and Immunopathology. 53, 3, s. 358-399 42 s.

Derivation of non-lymphopenic BB rats with an intercross breeding
Herold, K. C., Kastern, W., Markholst, H., Lernmark, A. & Andreason, B., 1989, I: Autoimmunity. 3, 2, s. 83-93

Etiology, pathogenesis and natural history of insulin-dependent (Type 1) diabetes.
Lernmark, Å. & Nerup, J., 1989, *Endocrinology.* De Groot, L. J. (red.). 2 uppl. Philadelphia: W.B. Saunders, Vol. 3. s. 1357-1368

Modern Concepts of Diabetes and its Pathogenesis: 13-24
Michelsen, B., Grove, A., Vissing, H., Kofod, H., Baekkeskov, S., Christie, M., Pedersen, M. & Lernmark, Å., 1989, *International handbook of pancreas transplantation.* Dubernard, J. & Sutherland, D. (red.). Dordrecht: Kluwer Academic Publishers

Pancreas
Lernmark, A., 1989, *Endokrinologe, teil A & B: teil B, Krankheitsbilder.* Hesch, R. D. (red.). Elsevier, Vol. 4. s. 802-11 (Innere medizin der Gegenwart; vol. 4).

Immunologi och autoimmunitet vid insulinberoende (typ I) diabetes.
Sundkvist, G., Landin-Olsson, M. & Lernmark, A., 1988 dec. 1, I: Nordisk medicin. 103, 12, s. 340-342 3 s.

Gene probes to detect cross-culture contamination in hormone producing cell lines
Matsuba, I., Lernmark, Å., Michelsen, B., Nielsen, J. H., Scholler, J., Vissing, H., Welinder, B., Tommerup, N., Mikkelsen, M., Ishikawa, H., Ikeda, Y. & Tanese, T., 1988 nov. 1, I: In Vitro Cellular & Developmental Biology. 24, 11, s. 1071-1076 6 s.

Immunologi och insulinberoende diabetes mellitus--en översikt.
Lernmark, A., Olsson, M. L. & Sundkvist, G., 1988 sep. 28, I: Läkartidningen. 85, 39, s. 3175-3179 5 s.

Factors influencing the magnitude, duration, and rate of fall of B-cell function in Type 1 (insulin-dependent) diabetic children followed for two years from their clinical diagnosis

Wallensteen, M., Dahlquist, G., Persson, B., Landin-Olsson, M., Lernmark, Å., Sundkvist, G. & Thalme, B., 1988 sep. 1, I: Diabetologia. 31, 9, s. 664-669 6 s.

Antibodies to a M_r-64000 islet cell protein in Swedish children with newly diagnosed Type 1 (insulin-dependent) diabetes
Christie, M., Landin-Olsson, M., Sundkvist, G., Dahlquist, G., Lernmark, Å. & Bækkeskov, S., 1988 aug. 1, I: Diabetologia. 31, 8, s. 597-602 6 s.

How do I get that abstract accepted?
Lernmark, Å., 1988 juli 1, I: Diabetologia. 31, 7, s. 455-456 2 s.

Serum exchange and use of dilutions have improved precision of measurement of islet cell antibodies
Bonifacio, E., Lernmark, A., Dawkins, R. L. & co-authors, 1988 jan. 21, I: Journal of Immunological Methods. 106, 1, s. 83-88 6 s.

Etudes sur les diabètes spontanés et induits par la streptozotocine chez le rat et la souris.
Lernmark, A., Markholst, H., Laursen, H., Contreas, G., Altieri, M., Baekkeskov, S., Herold, R., Kastern, W. & Madsen, O. D., 1988 jan. 1, I: Journees annuelles de diabetologie de l"Hotel-Dieu. s. 15-31 17 s.

Insulin release by glucagon and secretin: studies with secretin-glucagon hybrids
Kofod, H., Andreu, D., Thams, P., Merrifield, R. B., Hedeskov, C. J., Hansen, B. & Lernmark, A., 1988 jan. 1, I: American Journal of Physiology - Endocrinology and Metabolism. 254, 4, s. E454-E458

Interleukin-1 potentiates glucose stimulated insulin release in the isolated perfused pancreas
Wogensen, L. D., Mandrup-Poulsen, T., Markholst, H., Molvig, J., Lernmark, A., Holst, J. J., Dinarello, C. A. & Nerup, J., 1988 jan. 1, I: Acta Endocrinologica. 117, 3, s. 302-306 5 s.

Islet β-cytotoxic monoclonal antibody against glycolipids in experimental diabetes induced by low dose streptozotocin and Freund's adjuvant
Ziegler, M., Teneberg, S., Witt, S., Ziegler, B., Hehmke, B., Kohnert, K. D., Egeberg, J., Karlsson, K. A. & Lernmark, A., 1988 jan. 1, I: Journal of Immunology. 140, 12, s. 4144-4150 7 s.

Nonislet pancreatic autoantibodies in sibship with permanent neonatal insulin-dependent diabetes mellitus
Ivarsson, S. A., Marner, B., Lernmark, A. & Nilsson, K. O., 1988 jan. 1, I: Diabetes. 37, 3, s. 347-350 4 s.

Reduced pancreatic insulin is associated with retarded growth of the pancreas in young prediabetic BB rats
Markholst, H. & Lernmark, Å., 1988 jan. 1, I: Pancreas. 3, 2, s. 140-144

Secretion uncouples glucose inhibition of glucagon-producing cells resulting in a simultaneous stimulation of both glucagon and insulin release
Kofod, H., Holst, J. J. & Lernmark, Å., 1988 jan. 1, I: Regulatory Peptides. 23, 3, s. 315-322

Tissue-specific expression of transfected human insulin genes in pluripotent clonal rat insulinoma lines induced during passage in vivo
Madsen, O. D., Andersen, L. C., Michelsen, B., Owerbach, D., Larsson, L. I., Lernmark, A. & Steiner, D. F., 1988 jan. 1, I: Proceedings of the National Academy of Sciences of the United States of America. 85, 18, s. 6652-6656 5 s.

Circulating signs of autoimmune islet disease
Lernmark, Å., Markholst, H. & Baekkeskov, S., 1988, *The Pathology of the endocrine pancreas in diabetes.* Lefèbvre, P. J. & Pipeleers, D. G. (red.). Berlin: Springer, s. 53-70

Epidemiological and genetic aspects on islet autoimmunity in childhood insulin-dependent diabetes.
Landin-Olsson, M., Blom, L., Dahlquist, G., Lernmark, Å., Michelsen, B. & Sundkvist, G., 1988, *Genetic susceptibility to environmental factors : a challenge for public intervention: [First International Ernhold Lundström Symposium, Malmö, Sweden, May 14-16, 1987]* . Smith, U., Eriksson, S. & Lindgärde, F. (red.). Stockholm: Almqvist & Wiksell International, s. 87-93

MHC Class II antigen fragment length polymorphism in Type I (insulin-dependent) diabetes
Michelsen, B., Vissing, H., Feldman, M. & Lernmark, Å., 1988, *Immunogenetics of Endocrine Disorders.*. Farid, N. R. (red.). New York: Wiley-Liss Inc., s. 203-221

Pancreatic antibodies as a marker for pancreatic graft rejection
Landin-Olsson, M., Sundkvist, G., Lernmark, A., Weibull, H., Takolander, R., Bergqvist, D., Falt, K. & Gabel, H., 1987 dec. 1, I: Transplantation Proceedings. 19, 5, s. 3890-3891

Spontaneously diabetic BB rats have age-dependent islet β-cell-specific surface antibodies at clinical onset
Pipeleers, D., Van De Winkel, M., Dyrberg, T. & Lernmark, A., 1987 dec. 1, I: Diabetes. 36, 10, s. 1111-1115

O-cellsantikroppar hos diabetesbarn i Sverige - en preliminär rapport.
Landin, M., Sundkvist, G., Lernmark, A., Dahlquist, G., Blom, L., Sandström, A., Nyström, L. & Wall, S., 1987 juni 3, I: Läkartidningen. 84, 23, s. 2038-2040

Prolonged incubation in the two-colour immunofluorescence test increases the prevalence and titres of islet cell antibodies in Type 1 (insulin-dependent) diabetes mellitus
Olsson, M. L., Sundkvist, G. & Lernmark, Å., 1987 maj 1, I: Diabetologia. 30, 5, s. 327-332

Immunology and Diabetes Workshops: Report of the Second International Workshop on the Standardisation of Cytoplasmic Islet Cell Antibodies - Summary of a Workshop organised by the Immunology and Diabetes Workshops Committee, supported in part by the Juvenile Diabetes Foundation International, and held at the "Science at Sea - 1987" meeting in Perth, Western Australia, from 20-22 January
Bonifacio, E., Dawkins, R. L. & Lernmark, Å., 1987 apr. 1, I: Diabetologia. 30, 4, 1 s.

Autoimmune Aspects of Insulin-Dependent Diabetes Mellitus
Michelsen, B., Bækkeskov, S., Herold, B., Christie, M. & Lernmark, Å., 1987 jan. 1, I: Journal of the Japan Diabetes Society. 30, 12, s. 1077-1085 9 s.

Detection of islet cell autoantibodies in newly diagnosed diabetic patients using insulin-producing Syrian hamster cells.
Matsuba, I., Marner, B., Nerup, J. & Lernmark, A., 1987 jan. 1, I: Diabetes Research. 4, 3, s. 103-107 5 s.

Islet cell antibodies
Lernmark, A., 1987 jan. 1, I: Diabetic Medicine. 4, 4, s. 285-292 8 s.

Islet-specific immune mechanisms
Lernmark, Å., Li, S., Bækkeskov, S., Christie, M., Michelsen, B., Ursing, J., Olsson, M. L. & Sundkvist, G., 1987 jan. 1, I: Diabetes/Metabolism Reviews. 3, 4, s. 959-980 22 s.

Molecular cloning of a polymorphic DNA endonuclease fragment associates insulin-dependent diabetes mellitus with HLA-DQ
Michelsen, B. & Lernmark, A., 1987 jan. 1, I: Journal of Clinical Investigation. 79, 4, s. 1144-1152

Antibodies to a 64,000 Mr human islet cell antigen precede the clinical onset of insulin-dependent diabetes
Baekkeskov, S., Landin, M., Kristensen, J. K., Srikanta, S., Bruining, G. J., Mandrup-Poulsen, T., de Beaufort, C., Soeldner, J. S., Eisenbarth, G., Lindgren, F., Sundquist, G. & Lernmark, A., 1987, I: Journal of Clinical Investigation. 79, 3 , s. 926-34

Autoimmunity in diabetes
Markholst, H. & Lernmark, Å., 1987, *Virus Infections and Diabetes Mellitus.* Becker, Y. (red.). Boston: Martinus Nijhoff Publishers, s. 111-124 (Development in medical virology; nr. 2).

Effects of growth hormone on the endocrine pancreas
Nielsen, J. H., Lernmark, A., Madsen, O., Welinder, B. S., Linde, S., Billestrup, N. & Møldrup, A., 1987, *Growth hormone : basic and clinical aspects: proceedings of the 1st Nordisk Insulin Symposium 'Growth hormone: basic and clinical aspects' Stockholm, Sweden, 29 June-1 July 1987.* Amsterdam: Excerpta Medica, s. 140-160 (International congess series; nr. 748).

A deletion in a rat major histocompatibility complex class I gene is linked to the absence of β_2-microglobulin-containing serum molecules
Bjorck, L., Kryspin-Sorensen, I., Dyrberg, T., Lernmark, A. & Kastern, W., 1986 dec. 19, I: Proceedings of the National Academy of Sciences of the United States of America. 83, 15, s. 5630-5633 4 s.

A simple assay for the detection of antibodies to endocrine islet cell surface antigens
Contreas, G., Madsen, O. D., Vissing, H. & Lernmark, Å., 1986 dec. 4, I: Journal of Immunological Methods. 95, 1, s. 135-139 5 s.

Cloned cell lines from a transplantable islet cell tumor are heterogeneous and express cholecystokinin in addition to islet hormones
Madsen, O. D., Larsson, L. I., Rehfeld, J. F., Schwartz, T. W., Lernmark, A., Labrecque, A. D. & Steiner, D. F., 1986 dec. 1 , I: Journal of Cell Biology. 103, 5, s. 2025-2034 10 s.

Islet cell and 64k autoantibodies are associated with plasma IgG in newly diagnosed insulin-dependent diabetic children
Gerling, I., Baekkeskov, S. & Lernmark, A., 1986 dec. 1, I: Journal of Immunology. 137, 12, s. 3782-3785 4 s.

Panel discussion I: diagnosis, classification, and value of screening for diabetes mellitus.
Jarett, L., Soeldner, J. S., Lernmark, A., Rizza, R. A. & Santiago, J., 1986 okt. 1, I: Clinical Chemistry. 32, 10 Suppl

Insulin release and pancreatic insulin is reduced in young prediabetic BB rats
Svenningsen, A., Dyrberg, T., Markholst, H., Binder, C. & Lernmark, A., 1986 sep. 24, I: Acta Endocrinologica. 112, 3, s. 367-371 5 s.

Islet cell and other organ-specific autoantibodies in healthy first-degree relatives to insulin-dependent
Hagglof, B., Rabinovitch, A., Mackay, P., Huen, A., Rubenstein, A. H., Marner, B., Nerup, J. & Lernmark, A., 1986 sep. 10 , I: Acta Paediatrica Scandinavica. 75, 4, s. 611-618 8 s.

An H-2 alloantiserum preserves β-cell function in mice made diabetic by low-dose streptozotocin
Bonnevie-Nielsen, V. & Lernmark, A., 1986 jan. 1, I: Diabetes. 35, 5, s. 570-573 4 s.

Antibodies to an M_r 64,000 Human Islet Cell Protein in the Prediabetic Period of IDDM Patients
BAKKESKOV, S., BRUINING, J., SRIKANTA, S., MANDRUP, T., DE BEAUFORT, C., EISENBARTH, G., NERUP, J. & LERNMARK, 1986 jan. 1, I: Annals of the New York Academy of Sciences. 475, 1, s. 415-417 3 s.

Monoclonal Antibodies against Pancreatic Islet-Cell-Surface Antigens Selected by Flow Cytofluorometry
VISSING, H., PAPADOPOULOS, G. & LERNMARK, 1986 jan. 1, I: Scandinavian Journal of Immunology. 23, 4, s. 425-433 9 s.

Potentiation of insulin release in response to amino acid methyl esters correlates to activation of islet glutamate dehydrogenase activity
Kofod, H., Lernmark, A. & Hedeskov, C. J., 1986 jan. 1, I: Acta Physiologica Scandinavica. 128, 3, s. 335-340 6 s.

Secretin and its C-terminal hexapeptide potentiates insulin release in mouse islets
Kofod, H., Hansen, B., Lernmark, A. & Hedeskov, C. J., 1986 jan. 1, I: American Journal of Physiology - Endocrinology and Metabolism. 250, 2, s. E107-E113

A two-colour immunofluorescence test with a monoclonal human proinsulin antibody improves the assay for islet cell antibodies

Madsen, O. D., Landin Olsson, M., Bille, G., Sundkvist, G., Lernmark, A., Dahlqvist, G. & Ludvigsson, J., 1986, I: Diabetologia. 29, 2, s. 115-8

HLA-DQ gene polymorphism in insulin-dependent diabetes
Michelsen, B. & Lernmark, A., 1986, *The immunology of Diabetes Mellitus.: Proceedings of The International Symposium on The Immunology Of Diabetes, Edmonton, Alberta, CANADA, 26-28 June 1986* . Jaworski, M. A., Molnar, G. D., Rajotte, R. V. & Sing, B. (red.). New York: Excerpta Medica, s. 3-8 (International congress series; nr. 717).

Insulin-dependent diabetes mellitus
Lernmark, Å. & Baekkeskov, S., 1986, *Clinical Diabetes Mellitus.* Davidson, J. K. (red.). New York: Thieme Medical Publishers, s. 26-39

Islet cell antibodies
BAKKESKOV, S., Christie, M. & Lernmark, Å., 1986, *Immunology of endocrine diseases.* McGregor, A. M. (red.). Lancaster: MTP Press, s. 73-88

Long-term effect of plasmapheresis in the initial treatment of IDDM in children
Ludvigsson, J., Heding, L., Lieden, G., Marner, B. & Lernmark, A., 1986, *Future Trends in Juvenile Diabetes: 6th International Beilinson Symposium, Herzliya-on-Sea, October 1984: Proceedings.* Laron, Z. & Karp, M. (red.). Karger, s. 355-361

Increased reduction in fasting C-peptide is associated with islet cell antibodies in Type 1 (insulin-dependent) diabetic patients
Marner, B., Agner, T., Binder, C., Lernmark, Å., Nerup, J., Mandrup-Poulsen, T. & Walldorff, S., 1985 dec. 1, I: Diabetologia. 28, 12, s. 875-880 6 s.

Islet cell antibodies in insulin-dependent (type 1) diabetic children treated with plasmapheresis
Marner, B., Lernmark, A., Ludvigsson, J., MacKay, P., Matsuba, I., Nerup, J. & Rabinovitch, A., 1985 dec. 1, I: Diabetes Research. 2, 5, s. 231-236 6 s.

Isolation of a rat immune response gene identical to an alleged mouse A class II β-chain pseudogene
Schøller, J. & Lernmark, Å., 1985 dec. 1, I: Immunogenetics. 22, 6, s. 601-608 8 s.

Mécanisme et contrôle génétique de la réponse auto-immune dirigée contre les cellules bêta-pancréatiques au cours du diabète insulinodépendant.
Michelsen, B., Baekkeskov, S., Deufel, T., Kastern, W., Kofod, H., Lernmark, A. & Vissing, H., 1985 dec. 1, I: Journees annuelles de diabetologie de l"Hotel-Dieu. s. 171-182 12 s.

Locus-specific detection of HLA-DQ and -DR antigens by antibodies against synthetic N-terminal octapeptides of the β chain
Deufel, T., Grove, A., Kofod, H. & Lernmark, Å., 1985 sep. 23, I: FEBS Letters. 189, 2, s. 329-337 9 s.

Molecular biology of Type 1 (insulin-dependent) diabetes mellitus
Lernmark, Å., 1985 apr. 1, I: Diabetologia. 28, 4, s. 195-203 9 s.

Cortisone fails to affect levels of islet cell surface antibodies and incidence of diabetes in the BB rat
Dyrberg, T., King, J., Lernmark & Martin, J. M., 1985 jan. 1, I: Endocrinology. 116, 1, s. 47-50 4 s.

Diffusion of C-peptide but not proinsulin from islets in frozen sections of human pancreas identified by monoclonal antibodies
Madsen, O. D., Larsson, L. I. & Lernmark, A., 1985 jan. 1, I: Biomedica Biochimica Acta. 44, 1, s. 133-136 4 s.

Identification of an HLA-DQ β-chain related genomic sequence associated with insulin-dependent diabetes
Michelsen, B., Kastern, W., Lernmark, A. & Owerbach, D., 1985 jan. 1, I: Biomedica Biochimica Acta. 44, 1, s. 33-36 4 s.

Immune complexes in insulin-dependent diabetes
Contreas, G., Lernmark, A., Mathiesen, E. R. & Deckert, T., 1985 jan. 1, I: Biomedica Biochimica Acta. 44, 1, s. 129-132 4 s.

Immunological aspects of type 1 and 2 diabetes mellitus.
Lernmark, A., Baekkeskov, S., Gerling, I., Kastern, W., Knutson, C. & Michelsen, B., 1985 jan. 1, *Comparison of Type I and Type II Diabetes: Similarities and Dissimilarities in Etiology, Pathogenesis, and Complications.* Vranic, M., Hollenberg, C. H. & Steiner, G. (red.). Vol. 189. s. 107-127 (Advances in Experimental Medicine and Biology).

A β-cell glycoprotein of M_r 40 000 is the major rat islet cell immunogen following xenogenic immunisation
Bækkeskov, S. & Lernmark, Å., 1984 juli 1, I: Diabetologia. 27, 1 Supplement, s. 70-73 4 s.

Islet cell antibodies and cellular immunity in human diabetes.
Papadopoulos, G. & Lernmark, A., 1984 juli 1, I: Behring Institute Mitteilungen. 75, s. 50-57 8 s.

Spontaneous in vitro immunoglobulin secretion at the diagnosis of insulin-dependent diabetes
Papadopoulos, G., Petersen, J., Andersen, V., Lernmark, A., Marner, B., Nerup, J. & Binder, C., 1984 maj 24, I: Acta Endocrinologica. 105, 4, s. 521-527 7 s.

Islet cell surface and lymphocyte antibodies often precede the spontaneous diabetes in the BB rat
Dyrberg, T., Poussier, P., Nakhooda, F., Marliss, E. B. & Lernmark, Å., 1984 feb. 1, I: Diabetologia. 26, 2, s. 159-165 7 s.

A prospective analysis of islet-cell cytotoxic antibodies in insulin-dependent diabetic children. Transient effects of plasmapheresis
Rabinovitch, A., MacKay, P., Ludvigsson, J. & Lernmark, A., 1984 jan. 1, I: Diabetes. 33, 3, s. 224-228 5 s.

Autoantibodies to a 64-kilodalton islet cell protein precede the onset of spontaneous diabetes in the BB rat
Baekkeskov, S., Dyrberg, T. & Lernmark, Å. K. E., 1984 jan. 1, I: Science. 224, 4655, s. 1348-1350 3 s.

In vitro lymphocyte recognition of islet cells following in vivo priming with allogeneic murine pancreatic islets
Scott, J., MacKay, P. G. & Lernmark, A., 1984 jan. 1, I: Acta Endocrinologica. 105, 1, s. 87-92 6 s.

Is there an autoimmune component in insulin-dependent diabetes?
Lernmark, A., 1984 jan. 1, I: Practical Cardiology. 10, 1, s. 145-166 22 s.

Susceptibility to insulin-dependent diabetes defined by restriction enzyme polymorphism of HLA-D region genomic DNA
Owerbach, D., Hagglof, B., Lernmark, A. & Holmgren, G., 1984 jan. 1, I: Diabetes. 33, 10, s. 958-965 8 s.

The immune response in individuals with hla-dr specificities conferring susceptibility to insulin-dependent diabetes - A hypothesis
Papadopoulos, G. & Lernmark, A., 1984 jan. 1, I: Diabetes Research. 1, 1, s. 3-11 9 s.

Cell-mediated immunity in Type-I (insulin-dependent) diabetes
Lernmark, A., 1984, *Immunology in diabetes.* Andreani, D. (red.). London: Teviot-Kimpton, s. 121-131

Humoral abnormalities in type I (insulin-dependent) diabetes Mellitus
Herold, K., Huen, A.-H. J., Rubenstein, A. & Lernmark, Å., 1984, *Immunology in diabetes.* Andreani, D. (red.). London: Teviot-Kimpton, s. 105-120

Immunological Investigations: islet cell antibodies
Marner, B., Knutsson, C., Lernmark, A., Nerup, J. & Hagedorn study group, 1984, *Methods in Diabetes Research: Laboratory Methods, Part C.* Larner, J. & Pohl, S. L. (red.). New York: John Wiley & Sons Inc., Vol. 1. s. 181-194

Isolation of islets from mice and rats
Hagedorn study group, 1984, *Methods in Diabetes Research: Laboratory methods part C.* Larner, J. & Pohl, S. L. (red.). New York: John Wiley & Sons Inc., Vol. 1. s. 245-248

Pathogenesis of Type I diabetes mellitus
Lernmark, Å., Baekkeskov, S., Dyrberg, T., Gerling, I., Marner, B., Papadoupoulos, G., Svenningsen, A., Binder, C., Christie, M., Nerup, J. & Mandrup-Poulsen, T., 1984, *Endocrinology: proceedings of the 7th International Congress of Endocrinology, Quebec City, 1-7 July 1984.* Labrie, F. & Proulx, L. (red.). New York: Excerpta Medica, s. 92-96 (International congress series; nr. 655).

Preparation of islet cell suspensions
Lernmark, Å., Dyrberg, T., Nielsen, J. & Hagedorn study group, 1984, *Methods in diabetes research: Laboratory methods, part C.* Larner, J. & Pohl, S. L. (red.). New York: John Wiley & Sons Inc., Vol. 1. s. 259-265

HLA-D region β-chain DNA endonuclease fragments differ between HLA-DR identical healthy and insulin-dependent diabetic individuals
Owerbach, D., Lernmark, Å., Platz, P., Ryder, L. P., Rask, L., Peterson, P. A. & Ludvigsson, J., 1983 dec. 1, I: Nature. 303 , 5920, s. 815-817 3 s.

Human class II major histocompatibility antigen β-chains are derived from at least three loci
Böhme, J., Owerbach, D., Denaro, M., Lernmark, Å., Peterson, P. A. & Rask, L., 1983 dec. 1, I: Nature. 301, 5895, s. 82-84 3 s.

Role of islet cell antibodies in the pathogenesis of type I diabetes.
Brogren, C. H., Baekkeskov, S., Dyrberg, T., Lernmark, A., Marner, B., Nerup, J. & Papadopoulos, G. K., 1983 dec. 1, I: Current problems in clinical biochemistry. 12, s. 65-85 21 s.

Analysis of islet cell antibodies on frozen sections of human pancreas
Marner, B., Lernmark, Å., Nerup, J., Molenaar, J. L., Tuk, C. W. & Bruining, G. J., 1983 aug. 1, I: Diabetologia. 25, 2, s. 93-96 4 s.

Glucose stimulates the biosynthesis of a human pancreatic islet cell protein detected by an antiserum against the human erythrocyte glucose transporter
Bækkeskov, S. & Lernmark, Å., 1983 juli 4, I: FEBS Letters. 157, 2, s. 331-335 5 s.

Quantitative determination of islet cell surface antibodies using ^{125}I-protein A
Huen, A. H. J., Haneda, M., Freedman, Z., Lernmark, A. & Rubenstein, A. H., 1983 juni 16, I: Diabetes. 32, 5 I, s. 460-465 6 s.

Plasmapheresis in the initial treatment of insulin-dependent diabetes mellitus in children
Ludvigsson, J., Heding, L., Lieden, G., Marner, B. & Lernmark, A., 1983 apr. 22, I: British Medical Journal. 286, 6360, s. 176-178 3 s.

[24] Preparation of Stable Radioiodinated Polypeptide Hormones and Proteins Using Polyacrylamide Gel Electrophoresis
Linde, S., Hansen, B. & Lernmark, 1983 jan. 1, I: Methods in Enzymology. 92, C, s. 309-335 27 s.

B-Cell Function and Islet Cell and Other Organ-Specific Autoantibodies in Relatives to Insulin-Dependent Diabetic Patients
Nordén, G., Jensen, E., Stilbo, I., Bottazzo, G. F. & Lernmark, 1983 jan. 1, I: Acta Medica Scandinavica. 213, 3, s. 199-203 5 s.

Detection of HLA-D/DR-related DNA polymorphism in HLA-D homozygous typing cells.
Owerbach, D., Lernmark, A., Rask, L., Peterson, P. A., Platz, P. & Svejgaard, A., 1983 jan. 1, I: Proceedings of the National Academy of Sciences of the United States of America. 80, 12, s. 3758-3761 4 s.

Humoral immunity in the spontaneously diabetic BB rat
Dyrberg, T., Poussier, P., Nakhooda, A. F., Marliss, E. B. & Lernmark, A., 1983 jan. 1, I: Metabolism. 32, 7 SUPPL. 1, s. 87-91 5 s.

Immunoglobulin from insulin-dependent diabetic children inhibits glucose-induced insulin release
Kanatsuna, T., Baekkeskov, S., Lernmark, A. & Ludvigsson, J., 1983 jan. 1, I: Diabetes. 32, 6 I, s. 520-524 5 s.

Inhibition of insulin release after passive transfer of immunoglobulin from insulin-dependent diabetic children to mice
Svenningsen, A., Dyrberg, T., Gerling, I., Lernmark, Å., Mackay, P. & Rabinovitch, A., 1983 jan. 1, I: Journal of Clinical Endocrinology and Metabolism. 57, 6, s. 1301-1304 4 s.

Insulin release from mouse islets perifused with serum IgG from newly insulin-dependent diabetics
Ziegler, M. & Lernmark, Å., 1983 jan. 1, I: Acta Biologica et Medica Germanica. 41, 12, s. 1123-1127 5 s.

Islet cell surface antibodies in spontaneously diabetic BB rats
Dyrberg, T., Lernmark, A., Oie, H. K. & Gazdar, A. F., 1983 jan. 1, I: Acta Biologica et Medica Germanica. 41, 12, s. 1105-1109 5 s.

Isolation of rat major histocompatibility genes expressed in pancreatic β-cells
Kastern, W. H., Lernmark, A. & Lyngsie, L., 1983 jan. 1, I: Acta Biologica et Medica Germanica. 41, 12, s. 1135-1138 4 s.

L-Leucine methyl ester stimulates insulin secretion and islet glutamate dehydrogenase
Knudsen, P., Kofod, H., Lernmark, A. & Hedeskov, C. J., 1983 jan. 1, I: American Journal of Physiology - Endocrinology and Metabolism. 245, 4, s. E338-E346

Rodent islet cell antigens recognized by antibodies in sera from diabetic patients
Baekkeskov, S. & Lernmark, A., 1983 jan. 1, I: Acta Biologica et Medica Germanica. 41, 12, s. 1111-1115 5 s.

β-cell function relative to islet volume and hormone content in the isolated perfused mouse pancreas
Nielsen, V. B., Skovgaard, L. T. & Lernmark, 1983 jan. 1, I: Endocrinology. 112, 3, s. 1049-1056 8 s.

Preparation of stable radioiodinated polypeptide hormones and proteins using polyacrylamide gel electrophoresis
Linde, S., Hansen, B. & Lernmark, Å., 1983, *Immunochemical Techniques Part E: Monoclonal Antibodies and General Immunoassay Methods.* Langone, J. J., Van Vunakis, H., Colowick, S. P. & Kaplan, N. O. (red.). New York: Academic Press, s. 309-335 (Methods in enzymology; vol. 92).

Purification of islets and cells from islets
Nielsen, J. H. & Lernmark, Å., 1983, *Cell separation: methods and selected applications.* Pretlow, T. G. & Pretlow, T. P. (red.). New York: Academic Press, Vol. 2. s. 99-126

Metabolic and underlying causes of diabetes mellitus
Grodsky, G. M., Anderson, C. E., Coleman, D. L., Craighead, J. E., Gerritsen, G. C., Hansen, C. T., Herberg, L., Howard, C. F., Lernmark, A., Matschinsky, F. M., Rayfield, E., Riley, W. J. & Rossini, A. A., 1982 dec. 4, I: Diabetes. 31, Suppl. 1, s. 45-53 9 s.

Autoantibodies in newly diagnosed diabetic children immunoprecipitate human pancreatic islet cell proteins
Baekkeskov, S., Nielsen, J. H., Marner, B., Bilde, T., Ludvigsson, J. & Lernmark, A., 1982 dec. 1, I: Nature. 298, 5870, s. 167-169 3 s.

Absence of H-2 genetic influence on streptozotocin-induced diabetes in mice
Kromann, H., Christy, M., Egeberg, J., Lernmark, Å. & Nerup, J., 1982 aug. 1, I: Diabetologia. 23, 2, s. 114-118 5 s.

Specific pancreatic β-cell surface antigens recognized by a xenogenic antiserum
Dyrberg, T., Baekkeskov, S. & Lernmark, Å., 1982 aug. 1, I: Journal of Cell Biology. 94, 2, s. 472-477 6 s.

The low dose streptozotocin murine model of Type 1 (insulin-dependent) diabetes mellitus: Studies in vivo and in vitro of the modulating effect of sex hormones
Kromann, H., Christy, M., Lernmark, Å., Nedergaard, M. & Nerup, J., 1982 mars 1, I: Diabetologia. 22, 3, s. 194-198 5 s.

New approaches to therapy and diagnosis of diabetes
Hansen, B., Lernmark, Å., Nielsen, J. H., Owerbach, D. & Welinder, B., 1982 feb. 1, I: Diabetologia. 22, 2, s. 61-67 7 s.

6 Islet cell antibodies in diabetes
Brogren, C. H. & Lernmark, A., 1982 jan. 1, I: Clinics in Endocrinology and Metabolism. 11, 2, s. 409-430 22 s.

Effects of islet cell surface antibodies and complement on the release of insulin and chromium from perifused β cells
Kanatsuna, T., Freedman, Z. R., Rubenstein, A. H. & Lernmark, A., 1982 jan. 1, I: Clinical and Experimental Immunology. 47, 1, s. 85-92 8 s.

Flow sorting of mouse pancreatic B cells by forward and orthogonal light scattering
Nielsen, O., Larsen, J. K., Christensen, I. J. & Lernmark, 1982 jan. 1, I: Cytometry. 3, 3, s. 177-181 5 s.

Islet Transplantation in Mice Differing in the I and S Subregions of the H-2 Complex: Effects of Presensitization with Skin Allografts
SCOTT, J., STEFFES, M. W. & LERNMARK, A., 1982 jan. 1, I: Scandinavian Journal of Immunology. 16, 1, s. 9-15 7 s.

SPECIFIC HUMAN PANCREATIC ISLET CELL PROTEINS RECOGNIZED BY ANTIBODIES IN DIABETIC CHILDREN
Baekkeskov, S., Kanatsuna, T., Nielsen, J. H., Marner, B. & Lernmark, Å., 1982 jan. 1, I: Annals of the New York Academy of Sciences. 392, 1, s. 378 1 s.

Effects of experimentally induced islet-cell surface antibodies on pancreatic ß cells
Kanatsuna, T. & Lernmark, Å., 1982, *Clinico-genetic genesis of diabetes mellitus: proceedings of an International Symposium on Clinico-genetic Genesis of Diabetes Mellitus, February 11-12, 1982, Kobe, Japan.* Mimura, G., Baba, S. & E. A. (red.). Amsterdam: Excerpta Medica, s. 201-205 (International congress series; nr. 597).

Islet cell surface antibodies and lymphocyte antibodies in the spontaneously diabetic BB Wistar rat
Dyrberg, T., Nakhooda, A. F., Baekkeskov, S., Lernmark, A., Poussier, P. & Marliss, E. B., 1982, I: Diabetes. 31, 3, s. 278-81

Sorting of pancreatic islet cell subpopulations by light scattering using a fluorescence-activated cell sorter
Nielsen, D. A., Lernmark, A., Berelowitz, M., Bloom, G. D. & Steiner, D. F., 1982, I: Diabetes. 31, 4 Pt 1, s. 299-306

The significance of ICSA in IDDM among Caucasians.
Baekkeskov, S., Dyrberg, T., Kanatsuna, T., Lernmark, Å., Takei, I. & Soderstrum, K., 1982, *Clinico-genetic Genesis of Diabetes: proceedings of an International Symposium on Clinico-genetic Genesis of Diabetes Mellitus, February 11-12, 1982, Kobe, Japan.* Mimura, G., Baba, S. & E. A. (red.). Amsterdam: Excerpta Medica, s. 137-142 (International congress series; nr. 597).

Islet cell antibodies - Theoretical and practical implications
Lernmark, Å. & Baekkeskov, S., 1981 nov. 1, I: Diabetologia. 21, 5, s. 431-435 5 s.

An in vitro, sex dependents, and direct cytotoxic effect of streptozotocin on pancreatic islet cells.
Kromann, H., Christy, M., Lernmark, A. & Nerup, J., 1981 feb. 1, I: Hormone and Metabolic Research. 13, 2, s. 120-121 2 s.

A major loss in islet mass and b-cell function precedes hyperglycemia in mice given multiple low doses of streptozotocin
Bonnevie-Nielsen, V., Steffes, M. W. & Lernmark, A., 1981 jan. 1, I: Diabetes. 30, 5, s. 424-429

A prospective analysis of antibodies reacting with pancreatic islet cells in insulin-dependent diabetic children
Lernmark, Å., Hägglöf, B., Freedman, Z., Irvine, J., Ludvigsson, J. & Holmgren, G., 1981 jan. 1, I: Diabetologia. 20, 4, s. 471-474 4 s.

Autoimmunity in insulin-dependent diabetes mellitus
Nerup, J. & Lernmark, A., 1981 jan. 1, I: The American journal of medicine. 70, 1, s. 135-141

Block in insulin release from column-perifused pancreatic β-cells induced by islet cell surface antibodies and complement
Kanatsuna, T., Lernmark, A., Rubenstein, A. H. & Steiner, D. F., 1981 jan. 1, I: Diabetes. 30, 3, s. 231-234 4 s.

Effect of diabetes on islet area and β-cell function
Bonnevie-Nielsen, V. & Lernmark, A., 1981 jan. 1, I: Acta Biologica et Medica Germanica. 40, 1, s. 77-81 5 s.

Expression of major histocompatibility antigens on pancreatic islet cells
Baekkeskov, S., Kanatsuna, T., Klareskog, L., Nielsen, D. A., Peterson, P. A., Rubenstein, A. H., Steiner, D. F. & Lernmark, A., 1981 jan. 1, I: Proceedings of the National Academy of Sciences of the United States of America. 78, 10 I, s. 6456-6460

Islet transplantation in mice differing in the I and S subregions of the H-2 complex
Steffes, M. W., Nielsen, O., Dyrberg, T., Baekkeskov, S., Scott, J. & Lernmark, Å., 1981 jan. 1, I: Transplantation. 31, 6, s. 476-479

Light scattering analysis of rat and mouse islet cells in the fluorescence-activated cell sorter
Lernmark, Å., Nielsen, D. A., Nielsen, O. & Larsen, J. K., 1981 jan. 1, I: Upsala Journal of Medical Sciences. 86, 2, s. 119-124 6 s.

Islet cell antibodies
Lernmark, A., Bonnevie-Nielsen, V., Baekkeskov, S., Dyrberg, T., Kanatsuna, T. & Scott, J., 1981, *Etiology and Pathogenesis of Insulin-Dependent Diabetes Mellitus.* Martin, J. M., Ehrlich, R. & Holland, F. (red.). New York: Raven Press, s. 61-71 (Advances in pediatric research).

Allogeneic rejection or recurrence of autoimmunity as the cause of immune destruction of pancreatic grafts
Gunnarsson, R., Bottazzo, G. F., Freedman, Z. R., Lernmark, A., Zühlke, H. & Groth, C. G., 1980 dec. 1, I: Transplantation Proceedings. 12, 4 Suppl. 2, s. 112-113 2 s.

Cation-activated phosphatase activities in islet cell plasma membrane preparations.
Lernmark, A., Nielsen, D. A., Parman, A. U., Sehlin, J., Steiner, D. F. & Täljedal, I. B., 1980 dec. 1, I: Hormone and Metabolic Research, Supplement. Suppl 10, s. 55-61 7 s.

Direct streptozotocin toxicity on dispersed mouse islet cells determined by [^{51}]CR-release
Kromann, H., Christy, M., Egeberg, J., Lernmark, A., Nerup, J. & Richter-Olesen, H., 1980 dec. 1, I: Medical Biology. 58, 6 , s. 322-328

Ontogenetic patterns of thyrotropin-releasing hormone-like material in rat hypothalamus, pancreas, and retina: Selective effect of light deprivation
Martino, E., Seo, H., Lernmark, A. & Refetoff, S., 1980 dec. 1, I: Proceedings of the National Academy of Sciences of the United States of America. 77, 7 II, s. 4345-4348

Antibodies directed against the pancreatic islet cell plasma membrane detection and specificity
Lernmark, Å., Kanatsuna, T., Patzelt, C., Diakoumis, K., Carroll, R., Rubenstein, A. H. & Steiner, D. F., 1980 nov. 1, I: Diabetologia. 19, 5, s. 445-451

Antibodies against endocrine pancreas in insulin-dependent diabetes
Lernmark, A., 1980 jan. 1, I: Läkartidningen. 77, 30-31, s. 2614-2616 3 s.

Initial uptake and insulin releasing action of chloromercuribenzene-p-sulphonic acid (CMBS) in suspensions of pancreatic islet cells
Idahl, L. A., Lernmark, A., Soderberg, M. & Winblad, B., 1980 jan. 1, I: Medical Biology. 58, 2, s. 101-108

Search for autoimmune reactions against islet tissue in human pancreatic graft recipients.
Gunnarsson, R., Bottazzo, C. F., Lernmark, A. & Groth, C. G., 1980 jan. 1, I: Acta Medica Scandinavica, Supplement. 639 , s. 639-639 1 s.

Stable Iodinated polypeptide hormones prepared by polyacrylamide gel electrophoresis
Linde, S., Hansen, B. & Lernmark, Å., 1980 jan. 1, I: Analytical Biochemistry. 107, 1, s. 165-176 12 s.

Cell surface and cytoplasmic islet cell antibodies in insulin-dependent diabetes
Freedman, Z. R., Irvine, W. J., Lernmark, Å., Huen, A.-H. J., Steiner, D. & Rubenstein, A., 1980, *Immunology of diabetes.* Irvine, W. J. (red.). Edinburgh: Teviot Scientific Publications Ltd., s. 169-175

Islet cell, islet cell surface, and insulin antibodies in two pancreatic allotransplant recipients
Gunnarsson, R., Bottazzo, G., Heding, L., Lernmark, Å. & Groth, C., 1980, *Autoimmune aspects of endocrine disorders.* Pinchera, A., Doniach, D., Fenzi, D. & Bascheri, L. (red.). London: Academic Press, s. 299-303 (Proceedings of the Serono Symposia,; vol. 33).

Islet cell surface antibodies and diabetes mellitus
Lernmark, Å., Freedman, Z. R., Kanatsuna, T., Patzelt, C., Rubenstein, A. & Steiner, D. F., 1980, *Immunology of diabetes.* Irvine, W. J. (red.). Edinburgh: Teviot Scientific Publications Ltd., s. 155-168

Islets of Langerhans: an extra hypothalamic source of thyrotropin-releasing hormone in rat pancreas
Martino, E., Seo, H., Lernmark, A., Refetoff, S., Steiner, D. & Baschieri, L., 1980, *Current views on hypoglycemia and glucagon.* Andreani, D., Lefebvre, P. J. & Marks, V. (red.). London: Academic Press, s. 461-62 (Serono symposia; vol. 30).

ISLET AUTOANTIBODIES IN HUMAN PANCREATIC TRANSPLANT RECIPIENTS
Gunnarsson, R., Groth, C. G., Bottazzo, G. F. & Lernmark, Å., 1979 apr. 28, I: The Lancet. 313, 8122, s. 926 1 s.

The influence of the major histocompatibility complex (H-2) on experimental diabetes in mice
Kromann, H., Lernmark, Å., Vestergaard, B. F., Egeberg, J. & Nerup, J., 1979 feb. 1, I: Diabetologia. 16, 2, s. 107-114 8 s.

5′-AMP hydrolysis by suspensions and homogenates of pancreatic islet cells from normal and cortisone-treated rats
Lernmark, Å., Söderberg, L. A. & Täljedal, I. B., 1979 jan. 1, I: Histochemistry. 63, 2, s. 155-161 7 s.

A prospective study of islet cell surface antibodies (ICSA) in insulin-dependent diabetic children
Hagglof, B., Holmgren, G., Lernmark, A. & Ludvigsson, J., 1979 jan. 1, I: Acta Endocrinologica, Supplement. 91, 227 SUPPL, s. 36-36

A time-dependent correlation exists between loss of β-cell function and islet mass after low-dose streptozotocin
Bonnevie-Nielsen, V. & Lernmark, A., 1979 jan. 1, I: Acta Endocrinologica. 94, Suppl. 237, s. 9-9 1 s.

Cation-dependent phosphatase activities in a rat pancreatic islet plasma membrane fraction prepared by one-step gradient centrifugation
Lernmark, A., Nielsen, D. A. & Steiner, D. F., 1979 jan. 1, I: Journal of Supramolecular and Cellular Biochemistry. 9, 3, s. 327-336 10 s.

Detection and possible functional influence of antibodies directed againt the pancreatic islet cell surface.
Lernmark, A., Kanatsuna, T., Rubenstein, A. H. & Steiner, D. F., 1979 jan. 1, I: Advances in Experimental Medicine and Biology. 119, s. 157-163 7 s.

Trypan Blue as a marker of plasma membrane permeability in alloxan-treated mouse islet cells
Grankvist, K., Lernmark & Täljedal, I. B., 1979 jan. 1, I: Journal of Endocrinological Investigation: Official Journal of the Italian Society of Endocrinology. 2, 2, s. 139-145 7 s.

Islet cell cytoplasmic and cell surface antibodies in diabetes mellitus
Freedman, Z. R., Feek, C. M., Irvine, W. J., Lernmark, A., Rubenstein, A. H., Steiner, D. F. & Huen, A., 1979, I: Transactions of the Association of American Physicians. 92, s. 64-76

Islet-Cell-Surface Antibodies in Juvenile Diabetes Mellitus
Lernmark, Å., Freedman, Z. R., Hofmann, C., Rubenstein, A. H., Steiner, D. F., Jackson, R. L., Winter, R. J. & Traisman, H. S., 1978 aug. 24, I: New England Journal of Medicine. 299, 8, s. 375-380 6 s.

Possible toxic effects of normal and diabetic patient serum on pancreatic B-cells
Lernmark, A., Sehlin, J., Täljedal, I. B., Kromann, H. & Nerup, J., 1978 jan. 1, I: Diabetologia. 14, 1, s. 25-31 7 s.

High concentration of thyrotropin-releasing hormone in pancreatic islets
Martino, E., Lernmark, Å., Seo, H., Steiner, D. F. & Refetoff, S., 1978, I: Proceedings of the National Academy of Sciences of the United States of America. 75, 9, s. 4265-7

Impaired insulin release in isolated islets from mice immunized with homologous pancreatic islets
Berggren, D. & Lernmark, A., 1977 dec. 1, I: Hormone and Metabolic Research. 9, 5, s. 430-431 2 s.

Scanning electron microscopy of surface changes on dispersed pancreatic β-cells following stimulation of insulin release
Lernmark, A. & Winblad, B., 1977 dec. 1, I: Medical Biology. 55, 3, s. 141-147 7 s.

Alloxan cytotoxicity in vitro: Inhibition of rubidium ion pumping in pancreatic β cells
Idahl, L. A., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1977 jan. 1, I: Biochemical Journal. 162, 1, s. 9-18 10 s.

Alloxan cytotoxicity in vitro: Microscope photometric analyses of trypan blue uptake by pancreatic islet cells in suspension
Grankvist, K., Lernmark, A. & Taljedal, I. B., 1977 jan. 1, I: Biochemical Journal. 162, 1, s. 19-24 6 s.

Functional damage to islet cells induced by serum
Taljedal, I. B., Lernmark, A. & Sehlin, J., 1977 jan. 1, I: Acta Endocrinologica, Supplement. 85, sup.209, s. 59-60 2 s.

H 2 influence on experimental diabetes induced by heterologous and homologous immunization and by virus
Kromann, H., Lernmark, A. & Yestergaard, B. F., 1977 jan. 1, I: Acta Endocrinologica, Supplement. 85, sup.209, 1 s.

Potassium ion-activated hydrolysis of p-nitrophenyl phosphate in pancreatic islet-cell membranes
Lernmark, A., Parman, A. & Taljedal, I. B., 1977 jan. 1, I: Biochemical Journal. 166, 2, s. 181-187

The pancreatic β cell recognition of insulin secretagogues. XII. Insulin release in response to halogenated hexosamines
Hellman, B., Idahl, L. A., Lernmark, A., Täljedal, I. B. & Thomas, E. W., 1976 dec. 1, I: Molecular Pharmacology. 12, 2, s. 208-216 9 s.

Effects of dextran-linked chloromercuribenzoic acid on insulin release from microdissected pancreatic islets
Åkerstrom, S., Hellman, B., Lernmark, Å., Lindberg, B., Söderberg, M. & Täljedal, I. B., 1976 nov. 18, I: BBA - General Subjects. 451, 1, s. 96-105 10 s.

Preparation and characterization of plasma membrane-enriched fractions from rat pancreatic islets
Lernmark, Å., Nathans, A. & Steiner, D. F., 1976 nov. 1, I: Journal of Cell Biology. 71, 2, s. 606-623

Studies on the function of pancreatic islet cell membranes.
Idahl, L. A., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1976 nov. 1, I: Journal de Physiologie. 72, 6, s. 729-746

Evaluation of the viability of dispersed B cells in suspension
Lernmark, A. & Grankvist, K., 1976 jan. 1, I: Diabetologia. 12, 4

On the possible role of thiol groups in the insulin-releasing action of mercurials, organic disulfides, alkylating agents, and sulfonylureas
Hellman, B., Lernmark, Sehlin, J., Söderberg, M. & Täljedal, I. B., 1976 jan. 1, I: Endocrinology. 99, 5, s. 1398-1406 9 s.

Scanning electron microscopy of the surface of dispersed B cells in suspension
Winblad, B. & Lernmark, A., 1976 jan. 1, I: Diabetologia. 12, 4, s. 279

The dynamics of insulin release from mouse pancreatic islet cells in suspension
Idahl, L. Å., Lernmark, Å., Sehlin, J. & Täljedal, I. B., 1976 jan. 1, I: Pflügers Archiv. 366, 2-3, s. 185-188

Stimulation of insulin release by thiols
Hellman, B., Idahl, L. Å., Lernmark, Å., Sehlin, J. & Täljedal, I. B., 1975 maj 5, I: BBA - General Subjects. 392, 1, s. 101-109

Effects of insulin secretagogues on phospholipid metabolism in pancreatic β-cells
Fex, G. & Lernmark, A., 1975 apr. 18, I: Biochimica et Biophysica Acta - Lipids and Lipid Metabolism. 388, 1, s. 1-4 4 s.

Glucagon and insulin release from the allografted canine pancreas
Brynger, H., Claes, G. & Lernmark, 1975 jan. 1, I: European Surgical Research. 7, 3, s. 170-180

The use of dispersed pancreatic islet cells in measurements of transmembrane transport
Lernmark, Å., Sehlin, J. & Täljedal, I. B., 1975 jan. 1, I: Analytical Biochemistry. 63, 1, s. 73-79 7 s.

Cytotoxic effects of a thiol reactive ferritin compound on isolated pancreatic β cells and the protective action of L cysteine
Bloom, G. D., Gustafsson, R. & Lernmark, A., 1974 dec. 1, I: Medical Biology. 52, 4, s. 244-249 6 s.

The pancreatic β cell recognition of insulin secretagogues. Influence of neuraminidase treatment on the release of insulin and the islet content of insulin, sialic acid, and cyclic adenosine 3':5' monophosphate
Hahn, H. J., Hellman, B., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1974 dec. 1, I: Journal of Biological Chemistry. 249, 16, s. 5275-5284 10 s.

The pancreatic β-cell recognition of insulin secretagogues XIII effects of sulphydryl reagents on cyclic AMP
Hellman, B., Idahl, L. Å., Lernmark, Å. & Täljedal, I. B., 1974 nov. 4, I: BBA - General Subjects. 372, 1, s. 127-134 8 s.

Content of adenosine 3′:5′-cyclic monophosphate in the pancreatic islets of mice with a hereditary defect of insulin secretion
Boquist, L., Hellman, B., Lernmark, Å. & Täljedal, I. B., 1974 okt. 23, I: Biochemical and Biophysical Research Communications. 60, 4, s. 1391-1396 6 s.

Effects of pancreozymin and secretin on insulin release and the role of the exocrine pancreas
Danielsson, Å. & Lernmark, Å., 1974 okt. 1, I: Diabetologia. 10, 5, s. 407-409 3 s.

The preparation of, and studies on, free cell suspensions from mouse pancreatic islets
Lernmark, Å., 1974 okt. 1, I: Diabetologia. 10, 5, s. 431-438

Influence of the mutation "diabetes" on insulin release and islet morphology in mice of different genetic backgrounds
Boquist, L., Hellman, B., Lernmark, Å. & Täljedal, I. B., 1974 juli 1, I: Journal of Cell Biology. 62, 1, s. 77-89

Influence of neuraminidase treatment on the release of insulin and the islet content of insulin, sialic acid and adenosine 3',5' cyclic monophosphate
Hahn, H. J., Hellman, B. & Lernmark, A., 1974 jan. 1, I: European Journal of Clinical Investigation. 4, 5, s. 127

Mechanisms of insulin release: studies on free islet cells in suspensions
Lernmark, A., 1974 jan. 1, I: Acta Endocrinologica, Supplement. 77, sup.190, s. 21

Pancreatic islet uptake of sucrose and urea in the absence and presence of glucose
Lernmark, A., Sehlin, J. & Taljedal, I. B., 1974 jan. 1, I: Hormone Research. 5, 3, s. 182-186

Specificity of cyclic AMP potentiation of glucose-stimulated insulin release
Lernmark, Å., 1974 jan. 1, I: Hormone Research in Paediatrics. 5, 4, s. 227-233 7 s.

The pancreatic β cell recognition of insulin secretagogues: does cyclic AMP mediate the effect of glucose?
Hellman, B., Idahl, L. A., Lernmark, A. & Taljedal, I. B., 1974 jan. 1, I: Proceedings of the National Academy of Sciences of the United States of America. 71, 9, s. 3405-3409 5 s.

The pancreatic β-cell recognition of insulin secretagogues. VIII. Comparisons of glucose with glyceraldehyde isomers and dihydroxyacetone
Hellman, B., Idahl, L. Å., Lernmark, Å., Sehlin, J. & Täljedal, I. B., 1974 jan. 1, I: Archives of Biochemistry and Biophysics. 162, 2, s. 448-457 10 s.

VERANDERUNG DER INSULINSEKRETION ISOLIERTER LANGERHANS'SCHER INSELN DURCH BEHANDLUNG MIT NEURAMINIDASE
Hahn, H. J., Hellman, B., Lernmark, A. & Taljedal, I. B., 1974 jan. 1, I: Acta Biologica et Medica Germanica. 32, 4, s. 375-383 9 s.

Endokrin funktion av transplanterad ductilgerad pankreas på hund
Brynger, H., Claes, G. & Lernmark, A., 1974, Svensk kirurgi, s. 1-2.

The pancreatic beta-cell recognition of insulin secretagogues. Effects of calcium and sodium on glucose metabolism and insulin release
Hellman, B., Idahl, L. A., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1974, I: The Biochemical journal. 138, 1, s. 33-45

Role of thiol groups in insulin release: studies with poorly permeating disulphides
Hellman, B., Idahl, L. A., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1973 dec. 1, I: Molecular Pharmacology. 9, 6, s. 792-801

Stimulation and inhibition of insulin release by an amino-reactive probe of plasma membrane
Hellman, B., Idahl, L. Å., Lernmark, Å., Sehlin, J. & Täljedal, I. B., 1973 dec. 1, I: Journal of Membrane Biology. 14, 1, s. 135-142

The pancreatic β-cell recognition of insulin secretagogues. Inhibitory effects of a membrane probe on the islet uptake and insulin-releasing action of glibenclamide
Hellman, B., Lernmark, Å., Sehlin, J. & Toljedal, I. B., 1973 aug. 15, I: FEBS Letters. 34, 2, s. 347-349 3 s.

Iodoacetamide-induced sensitization of the pancreatic beta-cells to glucose stimulation.
Hellman, B., Idahl, L. A., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1973 jan. 1, I: The Biochemical journal. 132, 4, s. 775-789

The pancreatic β-cell recognition of insulin secretagogues-III. Effects of substituting sulphur for oxygen in the d-glucose molecule
Hellman, B., Lernmark, Å., Sehlin, J., Täljedal, I. B. & Whistler, R. L., 1973 jan. 1, I: Biochemical Pharmacology. 22, 1, s. 29-35 7 s.

The pancreatic β-cell recognition of insulin secretagogues. VII. Binding and permeation of chloromercuribenzene-p-sulphonic acid in the plasma membrane of pancreatic β-cells
Hellman, B., Lernmark, Å., Sehlin, J., Söderberg, M. & Täljedal, I. B., 1973 jan. 1, I: Archives of Biochemistry and Biophysics. 158, 1, s. 435-441 7 s.

Insulin and glucagon release from the isolated pancreas of foetal and newborn mice
Lernmark, A. & Wenngren, B. I., 1972 dec. 1, I: Journal of Embryology and Experimental Morphology. 28, 3, s. 607-614

The pancreatic -cell recognition of insulin secretagogues. V. Binding and stimulatory action of phlorizin.
Hellman, B., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1972 nov. 1, I: Molecular Pharmacology. 8, 6, s. 759-769

Effect of D-glucose on the incorporation of ^{32}P into phospholipids of mouse pancreatic islets
Fex, G. & Lernmark, Å., 1972 sep. 15, I: FEBS Letters. 25, 2, s. 287-291

Transport and storage of 5-hydroxytryptamine in pancreatic β-cells
Hellman, B., Lernmark, Å., Sehlin, J. & Täljedal, I. B., 1972 mars 1, I: Biochemical Pharmacology. 21, 5, s. 695-706 12 s.

Effects of neutral and dibasic amino acids on the in vitro release of insulin
Lernmark, 1972 jan. 1, I: Hormone Research in Paediatrics. 3, 1, s. 22-30 9 s.

Effects of organic mercurials on mammalian pancreatic -cells. Insulin release, glucose transport, glucose oxidation, membrane permeability and ultrastructure.
Bloom, G. D., Hellman, B., Idahl, L. A., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1972 jan. 1, I: The Biochemical journal. 129, 2, s. 241-254 14 s.

Effects of phlorizin on metabolism and function of pancreatic β-cell
Hellman, B., Lernmark, A., Sehlin, J. & Täljedal, I. B., 1972 jan. 1, I: Metabolism. 21, 1, s. 60-66

Specificity of leucine stimulation of insulin release
Lernmark, 1972 jan. 1, I: Hormone Research in Paediatrics. 3, 1, s. 14-21 8 s.

The pancreatic -cell recognition of insulin secretagogues. I. Transport of mannoheptulose and the dynamics of insulin release.
Hellman, B., Idahl, L. A., Lernmark, A., Sehlin, J., Simon, E. & Täljedal, I. B., 1972 jan. 1, I: Molecular Pharmacology. 8, 1, s. 1-7

Studies on insulin release from the isolated mouse islets
Lernmark, A., 1971 dec. 10, Umeå: Umeå University. 15 s.

In vitro stimulation of insulin release by non-metabolizable, transport-specific amino acids
Christensen, H. N., Hellman, B., Lernmark, Å., Sehlin, J., Tager, H. S. & Täljedal, I. B., 1971 aug. 13, I: BBA - Biomembranes. 241, 2, s. 341-348

Isolated mouse islets as a model for studying insulin release
Lernmark, Å., 1971 jan. 1, I: Acta Diabetologica Latina. 8, 1, s. 649-679

The significance of 5-hydroxytryptamine for insulin secretion in the mouse.
Lernmark, A., 1971 jan. 1, I: Hormone and metabolic research. Hormon- und Stoffwechselforschung. Hormones et métabolisme. 3, 5, s. 305-309

Visualization in freeze-dried tissue sections of structures to be studied by quantitative histochemistry.
Hellman, B. & Lernmark, A., 1971 jan. 1, I: The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society. 19, 3, s. 186-191

Clinical and biochemical studies in a patient with WDHA-syndrome
Andersson, H., Dotevall, G., Gillberg, R., Halvorsen, L., Kock, N. & Lernmark, A., 1971, *Proceedings of the Alfred Benzon Symposium 4.* Thaysen, E. H. (red.). Copenhagen: Munksgaard Forlag, s. 133-139

Methods for the isolation of cells with special reference to the pancreatic islets
Hellman, B. & Lernmark, Å., 1971, *Recent advances in quantitative histo- and cytochemistry: methods and applications: [Proceedings of an Internat. Conference on Recent Advances in Quantitative Histo- and Cytochemistry, Rheinfelden, Switzerland, April 10/11, 1970].* Dubach, U. & Schmidt, U. (red.). Bern: Verlag Hans Huber, Vol. 3. s. 91-108 (Current problems in clinical biochemistry; vol. 3).

Effect of epinephrine and mannoheptulose on early and late phases of glucose-stimulated insulin release
Lernmark, A. & Hellman, B., 1970 jan. 1, I: Metabolism. 19, 8, s. 614-618

A possible role of the pancreatic α1- and α2-cells as local regulators of insulin secretion
Hellman, B. & Lernmark, Å., 1970, *The Structure and Metabolism of the Pancreatic Islets: A Centennial of Paul Langerhans' Discovery.* Falkmer, S., Hellman, B. & Täljedal, I.-B. (red.). Oxford: Pergamon Press Ltd., s. 453-462

Effects on the endocrine pancreas in Chinese hamsters fed zinc deficient diets.
Boquist, L. & Lernmark, A., 1969 dec. 1, I: Acta pathologica et microbiologica Scandinavica. 76, 2, s. 215-228 14 s.

Beobachtungen zum Wirkungsmechanismus des hypoglykämisch wirksamen Sulfonylharnstoff-Präparates HB 419.
Hellman, B., Idahl, L. A., Tjälve, H., Danielsson, A. & Lernmark, A., 1969 aug. 1, I: Arzneimittel-Forschung/Drug Research. 19, 8, s. 1472-1476

Evidence for an inhibitor of insulin release in the pancreatic islets
Hellman, B. & Lernmark, Å., 1969 feb. 1, I: Diabetologia. 5, 1, s. 22-24

The β-cell capacity for insulin secretion in microdissected pancreatic islets from obese-hyperglycemic mice
Lernmark, Å. & Hellman, B., 1969 jan. 15, I: Life Sciences. 8, 2 PART 2, s. 53-59 7 s.

Effects of gastrin on the release of insulin in vitro.
Lernmark, A., Hellman, B. & Coore, H. G., 1969 jan. 1, I: Journal of Endocrinology. 43, 3, s. 371-375 5 s.

Inhibition of the in vitro secretion of insulin by an extract of pancreatic alpha-1 cells.
Hellman, B. & Lernmark, A., 1969 jan. 1, I: Endocrinology. 84, 6, s. 1484-1488

Insulinets syntes, upplagring och sekretion. 11. Effekten av gastrin på insulinfrisättningen från isolerade Langerhanska öar.
Lernmark, A., 1968 sep. 11, I: Läkartidningen. 65, 37, s. 3614-3615 2 s.

Patent

1.Peterson PE, Rask L, Lernmark Å, Owerbach D. Methods for determination of tissue types coded by MHC genes. Europ. Patent EP 0103 000 B1.
2.Hagopian W, Lernmark Å, Karlsen ÅE, Landin-Olsson, M. Diagnosis of Insulin-dependent diabetes. United States Patent Number 5,547,847
3.Lernmark Å, Karlsen AE, Grubin CE, Hagopian W, O'Hara P, Foster DC. Cloning and expression of human islet glutamic

acid decarboxylase autoantigen. United States Patent Number 5, 792,620. (Dedicated to the public on April 24, 2000).
4.Lernmark Å, Karlsen AE, Grubin CE, Hagopian W, O'Hara PJ, Foster DC. Cloning and expression of human islet glutamic acid decarboxylase autoantigen. United States Patent Number 6,025,176.
5.Robertson J, Falorni A, Lernmark Å. Modified glutamic acid decarboxylase (GAD). United States Patent Number 6,093,396.