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Forskning

Martin Magnusson (MM) leads a dynamic research group of 13 members, including six PhD students, five postdoctoral researchers, and two research nurses. He has served as the primary supervisor for four completed PhD projects and co-supervisor for two others.

In 2020, MM was appointed adjunct professor in cardiology at the department clinical sciences Malmö, Lund University. He is the Principal Investigator (PI) of the Heart and Brain Failure Investigation study (HARVEST) and a clinical fellow at the Wallenberg Center for Molecular Medicine at Lund University (WCMM LU). Additionally, he holds a guest professorship with the Hypertension in Africa Research Team (HART) at North-West University, South Africa. MM is a highly innovative and prolific clinical scientist, with the majority of his publications appearing in top US and European journals. He is a key figure in the future of Lund University and Skåne University Hospital's research core, driving both clinically relevant and complex molecular, genetic, and biological investigations

Kvalifikationer

Specialist i invärtesmedicin 2003

Specialist i kardiologi sedan 2006

Anställning

Adjungerad professor, Läkare

Kardiovaskulär forskning - hypertoni

Lunds universitet

Malmö, Sverige

2015 sep. 21 → present

Medlem i Strategiskt forskningsområde

EpiHealth: Epidemiology for Health

Lunds universitet

Malmö, Sverige

2012 jan. 1 → present

WCMM- Wallenberg center för molekylär medicinsk forskning

Lunds universitet
Lund, Sverige
2019 nov. 8 → present

Gästprofessor

North-West University
Potchefstroom, Sydafrika
2020 maj 1 → 2023 maj 1

Forskningsoutput

Selenoprotein P Deficiency Is Associated with Early Signs of Kidney Disease and Hospitalization Risk in Heart Failure

Ohlsson, M. A., Molvin, J., Holm Isholth, H., Christensson, A., Nilsson, C., Laucyte-Cibulskiene, A., Grubb, A., Schomburg, L., Jujic, A. & Magnusson, M., 2026 feb. 24, I: *Nutrients*. 18, 5, s. 1-12

Left ventricular and atrial strain and the risk of mortality and rehospitalization in heart failure

Zilic, H., Holm, H., Johnson, L. S., Jujic, A. & Magnusson, M., 2026 feb. 16, I: *Echo Research and Practice*. 13, s. 1-11 5.

Clinical characterization of individuals with obesity but normal blood pressure and heart function - a descriptive study from the SCAPIS cohort

Korduner, J., Isholth, H. H., Jujic, A., Engström, G., Kylhammar, D., Engvall, J., Magnusson, M., Gottsäter, A. & Nilsson, P. M., 2026 jan. 30, (E-pub ahead of print) I: *BMC Cardiovascular Disorders*.

Impact of cerebral oxygen saturation on mortality and rehospitalisation in patients with heart failure and the role of physical activity as a modifying factor: the HARVEST-Malmö Study

Zaghi, A., Jujic, A., Zilic, H., Dieden, A., Bachus, E., Holm, H. & Magnusson, M., 2025 dec. 9, (E-pub ahead of print) I: *Heart*.

Comparing diagnostic tools for heart failure with preserved ejection fraction across community and clinical cohorts

Monzo, L., Huttin, O., Bozkurt, B., Duarte, K., Linde, C., Lund, L. H., Hage, C., Donal, E., Magnusson, M., Nilsson, P., Leosdottir, M., Bozec, E., Baudry, G., Zannad, F. & Girerd, N., 2025 nov. 17, (E-pub ahead of print) I: *Heart*.

Associations between biomarkers and p-wave indices in relation to atrial fibrillation development in heart failure patients

Nezami, Z., Jujic, A., Ohlsson, M., Magnusson, M. H., Holm Isholth, H. & Platonov, P., 2025 nov. 13, (E-pub ahead of print) I: *Heart Rhythm*.

HMGCR and rosuvastatin regulates GLP-1 secretion and expression - a translational study

Miskelly, M. G., Lindqvist, A., Jujic, A., Hamilton, A., Cowan, E., Raikundalia, S., Dutius Andersson, A.-M., Nergård, B. J., Del Giudice, R., Kryvokhyzha, D., Nilsson, P. M., Juul-Holst, J., Torekov, S. S., Lagerstedt, J. O., Gomez, M. F., Eliasson, L., Mulder, H., Hedenbro, J., Magnusson, M. & Wierup, N., 2025 nov. 5, (E-pub ahead of print) I: *The Journal of clinical endocrinology and metabolism*.

Association of Osteopontin and selective glomerular hypofiltration syndrome with hospitalization for kidney failure in acute heart failure patients

Ohlsson, M. A., Nilsson, C., Molvin, J., Isholth, H. H., Grubb, A., Christensson, A., Jujic, A. & Magnusson, M., 2025 okt. 6, I: *BMC Nephrology*. 26, s. 1-10 550.

Qualitative observations in university physics laboratories: an example from classical mechanics

Dunnett, K. & Magnusson, M. H., 2025 juli 31, I: *European Journal of Physics*. 46, 4, 045005.

The ESCAPER Study - exploring protective mechanisms against cardiovascular disease in subjects at high risk:

Rationale, study protocol, and first results

Ekström, O., Arheden, H., Christensson, A., Engström, G., Hedström, E., Kennbäck, C., Laucyte-Cibulskiene, A., Lundgren, S., Lyssenko, V., Löndahl, M., Magnusson, M., Nilsson, P. M. & Gottsäter, A., 2025 juni 4, I: *Scandinavian cardiovascular journal : SCJ*. 59, 1, s. 1-7

Impact of diabetes and glycemic status on ventricular-arterial coupling in the general population

Holm, H., Zilic, H., Jujic, A., Johnsson, L., Engström, G., Nilsson, P. M., Östgren, C. J., Kylhammar, D., Engvall, J. & Magnusson, M., 2025 apr. 18, I: Cardiovascular Diabetology. 24, 1, 173.

Association of ventricular-arterial coupling with biomarkers involved in heart failure pathophysiology - the STANISLAS cohort

Holm, H., Magnusson, M., Jujić, A., Lagrange, J., Bozec, E., Lamiral, Z., Bresso, E., Huttin, O., Baudry, G., Monzo, L., Rossignol, P., Zannad, F. & Girerd, N., 2025, I: European Journal of Heart Failure. 27, 5, s. 860-871

Biomarkers associated with worsening renal function and progression in chronic kidney disease among patients hospitalized for acute heart failure

Ohlsson, M. A., Molvin, J., Holm Isholth, H., Nezami, Z., Laucyte-Cibulskiene, A., Christensson, A., Jujic, A. & Magnusson, M., 2025, I: CardioRenal Medicine. 1, s. 453-461 9 s.

Identification of cystatin C as a new marker of glomerular filtration rate, and of shrunken pore syndrome – a new kidney disorder defining selective glomerular hypofiltration syndromes – calls for expansion of the international KDIGO guidelines

Åkesson, A., Öberg, C., Malmgren, L., Nilsson, C., Itoh, Y., Blirup-Jensen, S., Lindström, V., Abrahamson, M., Leion, F., Olafsson, I., Bjursten, H., Grubb, D., Herou, E., Dardashti, A., Sigurjonsson, J., Xhakollari, L., Laucyte-Cibulskiene, A., Pottel, H., Strevens, H. & Damm, D. och 25 andra, Förnvik Jonsson, M., Siódmiak, J., Ärnlöv, J., Larsson, A., Åkerfeldt, T., Kultima, K., Ridefelt, P., Helmersson-Karlqvist, J., Magnusson, M., Hansson, M., Sjöström, A., Soveri, I., Tenstad, O., Mårtensson, J., Elinder, C.-G., Risch, L., Risch, M., Hansson, L.-O., Price, C. P., Nyman, U., Björk, J., Delanaye, P., Bökenkamp, A., Christensson, A. & Grubb, A., 2025, I: Scandinavian Journal of Clinical and Laboratory Investigation. 85, 16, s. 409-419 11 s.

Low peak oxygen uptake in relation to total heart volume as an early marker of subclinical diastolic dysfunction.

Steding Ehrenborg, K., Nelsson, A., Engblom, H., Arvidsson, P. M., Magnusson, M., Smith, J. G. & Arheden, H., 2025, I: European Heart Journal Imaging Methods & Practice. 3, 2

Plasma proteomic and metabolomic profiling of coronary and carotid atherosclerosis in the SCAPIS study - differences and similarities

Fall, T., Gummesson, A., Hammar, U., Ahlström, H., Angerås, O., Blomberg, A., Brandberg, J., Caidahl, K., Chorell, E., Engvall, J. E., Eriksson, P., Erlinge, D., Gigante, B., Hjelmgren, O., Hultdin, J., Jernberg, T., Kihlberg, J., Lind, L., Magnusson, M. & Nyström, F. H. och 6 andra, Pirazzi, C., Schioppa, A., Sundström, J., Söderberg, S., Östgren, C. J. & Engström, G., 2025, I: Cardiovascular Research. 121, 11, s. 1649-1652

Proteomic biomarkers and pathway analysis for progression to heart failure in three epidemiological representative cohorts

Dieden, A., Girerd, N., Ottosson, F., Molvin, J., Pareek, M., Melander, O., Bachus, E., Råstam, L., Lindblad, U., Daka, B., Leósdóttir, M., Nilsson, P. M., Olsen, M. H., Clark, A. L., Cleland, J. G. F., Delles, C., González, A., Lamiral, Z., Duarte, K. & Rossignol, P. och 4 andra, Zannad, F., Gudmundsson, P., Jujić, A. & Magnusson, M., 2025, I: European Journal of Heart Failure. 27, 9, s. 1764-1774

Sex-Specific Cardiovascular Consequences of Long-Term High-Salt Diet in Mice

Duarte, J. M. N., Sahoglu-Göktas, S., Vanherle, L., Rafiee, Z., Prakash, S., Stemmer, K., Swärd, K., Magnusson, M. & Meissner, A., 2025, I: Journal of the American Heart Association. 14, 20

Shrunken Pore Syndrome in relation to Morbidity and Mortality in the Population-Based Malmö Diet and Cancer Cohort: A Generalized Propensity Score Approach

Åkesson, A., Xhakollari, L., Laucyte-Cibulskiene, A., Grubb, A., Larsson, A., Jujic, A., Magnusson, M., Christensson, A. & Björk, J., 2025, I: Frontiers in Epidemiology. 5, 1661167.

The prognostic significance of stress-phenotyping for stroke incidence: the Malmö Diet and Cancer Study

Holm, H., Jujic, A., Nilsson, P. M., Magnusson, M. & Malan, L., 2025, I: Stress. 28, 1, 2443980.

Cardiac biomarkers for detection of coronary artery disease in the community

Lind, L., Alfredsson, J., Andersson, J. S. O., Andersson, T., Bergström, G., Ekblom, Ö., Fagman, E., Fall, T., Hagström, E., Isholth, H. H., Janzon, M., Jernberg, T., Katsoularis, I., Leander, K., Leósdóttir, M., Magnusson, M., Malinowski, A.,

Rosengren, A., Gustav Smith, J. & Spaak, J. och 4 andra, Svensson, P., Söderberg, S., Östgren, C. J. & Engström, G., 2024 dec. 16, I: Scientific Reports. 14, 1, 30514.

Structured diabetes care routines in cardiac rehabilitation are associated with increased diabetes detection and improved treatment after myocardial infarction: a nationwide observational study

Sharad, B., Eckerdal, N., Magnusson, M., Michelsen, H. Ö., Jujic, A., Lidin, M., Mellbin, L., Shaat, N., Pingel, R., Wallert, J., Hagström, E. & Leósdóttir, M., 2024 sep. 3, I: Cardiovascular Diabetology. 23, 1, s. 330

New Antidiabetic Agents for the Treatment of Heart Failure in Hypertensive Patients

Nilsson, P. M., Holm Isholth, H. & Magnusson, M., 2024 mars 5, *Hypertension and Heart Failure: Epidemiology, Mechanisms and Treatment*. Dorobantu, M., Voicu, V., Grassi, G., Agabiti-Rosei, E. & Mancia, G. (red.). 2 uppl. Springer, s. 371-79 8 s. (Updates in Hypertension and Cardiovascular Protection).

Association between low selenoprotein P concentrations and anaemia in hospitalized heart failure patients

Jujić, A., Molvin, J., Holm Isholth, H., Dieden, A., Korduner, J., Zaghi, A., Nezami, Z., Bergmann, A., Schomburg, L. & Magnusson, M., 2024, I: ESC Heart Failure. 11, 2, s. 877-882 6 s.

Elevated carbohydrate antigen 125 (CA125) is associated with incident heart failure and mortality in acute coronary syndrome

Yndigeñ, T., Gu, T., Grufman, H., Erlinge, D., Mokhtari, A., Ekelund, U., Magnusson, M., Gustafsson, E., Nilsson, J., Goncalves, I. & Schiöpu, A., 2024, I: ESC Heart Failure. 11, 6, s. 4325-4334

Low levels of selenoprotein P associate with cognitive impairment in patients hospitalized for heart failure

Jujic, A., Molvin, J., Nilsson, E. D., Holm Isholth, H., Dieden, A., Korduner, J., Zaghi, A., Nezami, Z., Bergmann, A., Schomburg, L. & Magnusson, M., 2024, I: Journal of Cardiac Failure. 30, 11, s. 1452-1461

Self-Report Tool for Identification of Individuals With Coronary Atherosclerosis: The Swedish CardioPulmonary BiImage Study

Bergström, G., Hagberg, E., Björnson, E., Adiels, M., Bonander, C., Strömberg, U., Andersson, J., Brunström, M., Carlhäll, C.-J., Engström, G., Erlinge, D., Goncalves, I., Gummesson, A., Hagström, E., Hjelmgren, O., James, S., Janzon, M., Jonasson, L., Lind, L. & Magnusson, M. och 7 andra, Oskarsson, V., Sundström, J., Svensson, P., Söderberg, S., Themudo, R., Östgren, C. J. & Jernberg, T., 2024, I: Journal of the American Heart Association. 13, 14

Proenkephalin as a biomarker correlates with acute kidney injury: a systematic review with meta-analysis and trial sequential analysis

Lin, L.-C., Chuan, M.-H., Liao, H.-W., Ng, L. L., Magnusson, M., Jujic, A., Pan, H.-C., Wu, V.-C. & Forni, L. G., 2023 dec. 7, I: Critical Care. 27, 481.

Galectin-4 is associated with diabetes and obesity in a heart failure population

Dieden, A., Gudmundsson, P., Korduner, J., Molvin, J., Zaghi, A., Nezami, Z., Bachus, E., Holm, H., Jujic, A. & Magnusson, M., 2023 nov. 20, I: Scientific Reports. 13, s. 1-10 20285.

Association between self-reported alcohol consumption and diastolic dysfunction: a cross-sectional study

Daka, B., Bennet, L., Råstam, L., Hellgren, M. I., Li, Y., Magnusson, M. & Lindblad, U., 2023 okt. 11, I: BMJ Open. 13, 10, e069937.

Ventricular-arterial coupling and cardiovascular risk among young adults: The African-PREDICT study

Holm, H., Kruger, R., Jujic, A., Lamiral, Z., Uys, A. S., Girerd, N. & Magnusson, M., 2023 aug. 1, I: American Journal of Physiology - Heart and Circulatory Physiology. 325, 2, s. H362-H371

Metabolite Profiling in a Diet-Induced Obesity Mouse Model and Individuals with Diabetes: A Combined Mass Spectrometry and Proton Nuclear Magnetic Resonance Spectroscopy Study

Vieira, J., Ottosson, F., Jujic, A., Denisov, V., Magnusson, M., Melander, O. & Duarte, J., 2023 juli 23, I: Metabolites. 13, 7, 874.

Plasma Galectin-4 Levels Are Increased after Stroke in Mice and Humans

Jujic, A., Vieira, J., Matuskova, H., Nilsson, P. M., Lindblad, U., Olsen, M. H., Duarte, J., Meissner, A. & Magnusson, M., 2023 maj 13, I: *International Journal of Molecular Sciences*. 24, 12, 10064.

Endogenous incretin levels and risk of first incident cancer: a prospective cohort study

Jujic, A., Godina, C., Belting, M., Melander, O., Juul Holst, J., Ahlqvist, E., Gomez, M. F., Nilsson, P. M., Jernström, H. & Magnusson, M., 2023 jan. 7, I: *Scientific Reports*. 13, s. 1-11 382.

Alterations to Cerebral Perfusion, Metabolite Profiles, and Neuronal Morphology in the Hippocampus and Cortex of Male and Female Mice during Chronic Exposure to a High-Salt Diet

Meissner, A., Garcia-Serrano, A. M., Vanherle, L., Rafiee, Z., Don-Doncow, N., Skoug, C., Larsson, S., Gottschalk, M., Magnusson, M. & Duarte, J. M., 2023, I: *International Journal of Molecular Sciences*. 24, 1, 300.

Body weight at age 20 and in midlife is more important than weight gain for coronary atherosclerosis: results from SCAPIS

Bergström, G., Rosengren, A., Bacsovcics Brolin, E., Brandberg, J., Cederlund, K., Engström, G., Engvall, J. E., Eriksson, M. J., Gonçalves, I., Hagström, E., James, S. K., Jernberg, T., Lilja, M., Magnusson, M., Persson, A., Persson, M., Sandström, A., Schmidt, C., Skoglund Larsson, L. & Sundström, J. och 6 andra, Swahn, E., Söderberg, S., Torén, K., Östgren, C. J., Lampa, E. & Lind, L., 2023, I: *Atherosclerosis*. 373, s. 46-54 23 s.

Etiologic and Diagnostic Implications of Morbidity and Mortality Associations When Cystatin C–Based Estimated GFR Is Lower Than Creatinine-Based Estimated GFR

Grubb, A., Magnusson, M. & Christensson, A., 2023, I: *American Journal of Kidney Diseases*. 82, 5, s. 509-511

Selenoprotein P deficiency is associated with higher risk of incident heart failure

Jujic, A., Molvin, J., Schomburg, L., Hartmann, O., Bergmann, A., Melander, O. & Magnusson, M., 2023, I: *Free Radical Biology & Medicine*. 207, s. 11-16

The chronic stress risk phenotype mirrored in the human retina as a neurodegenerative condition

Malan, L., van Wyk, R., von Känel, R., Ziemssen, T., Vilser, W., Nilsson, P. M., Magnusson, M., Jujic, A., Mak, D., Steyn, F. & Malan, N. T., 2023, I: *Stress*. 26, 1, 43 s.

The complexity of kidney disease and diagnosing it - Cystatin C, selective glomerular hypofiltration syndromes and proteome regulation

Malmgren, L., Öberg, C., den Bakker, E., Leion, F., Siódmiak, J., Åkesson, A., Lindström, V., Herou, E., Dardashti, A., Xhakollari, L., Grubb, G., Strevens, H., Abrahamson, M., Helmersson-Karlqvist, J., Magnusson, M., Björk, J., Nyman, U., Ärnlov, J., Ridfeldt, P. & Åkerfeldt, T. och 18 andra, Hansson, M., Sjöström, A., Mårtensson, J., Itoh, Y., Grubb, D., Tenstad, O., Hansson, L.-O., Olafsson, I., Campos, A. J., Risch, M., Risch, L., Larsson, A., Nordin, G., Pottel, H., Christensson, A., Bjursten, H., Bökenkamp, A. & Grubb, A., 2023, I: *Journal of Internal Medicine*. 293, 3, s. 293-308

Ventricular–arterial coupling (VAC) in a population-based cohort of middle-aged individuals: The STANISLAS cohort

Holm, H., Magnusson, M., Jujic, A., Pugliese, N. R., Bozec, E., Lamiral, Z., Huttin, O., Zannad, F., Rossignol, P. & Girerd, N., 2023, I: *Atherosclerosis*. 374, s. 11-20

Noninvasive Assessment of Left Ventricular Pressure-Volume Relations: Inter- and Intraobserver Variability and Assessment Across Heart Failure Subtypes

Edlund, J., Arvidsson, P. M., Nelsson, A., Smith, J. G., Magnusson, M., Heiberg, E., Steding-Ehrenborg, K. & Arheden, H., 2022 dec. 1, I: *American Journal of Cardiology*. 184, s. 48-55 8 s.

Galectin-4 levels in hospitalized versus non-hospitalized subjects with obesity: the Malmö Preventive Project

Korduner, J., Holm, H., Jujic, A., Melander, O., Pareek, M., Molvin, J., Råstam, L., Lindblad, U., Daka, B., Leosdottir, M., Nilsson, P. M., Bachus, E., Olsen, M. H. & Magnusson, M., 2022 juli 2, I: *Cardiovascular Diabetology*. 21, 1, 125.

Hemodynamic force analysis is not ready for clinical trials on HFpEF

Arvidsson, P. M., Nelsson, A., Magnusson, M., Smith, J. G., Carlsson, M. & Arheden, H., 2022 mars 7, I: *Scientific Reports*. 12, 4017.

Physical Inactivity Is Associated With Post-discharge Mortality and Re-hospitalization Risk Among Swedish Heart Failure Patients: —The HARVEST-Malmö Study

Zaghi, A., Holm, H., Korduner, J., Dieden, A., Molvin, J., Bachus, E., Jujic, A. & Magnusson, M., 2022 feb. 21, I: *Frontiers in Cardiovascular Medicine*. 9, 9 s., 843029.

Cardiovascular Profile of South African Adults with Low-Level Viremia during Antiretroviral Therapy

Botha-le Roux, S., Elvstam, O., De Boever, P., Goswami, N., Magnusson, M., Nilsson, P. M., Strijdom, H., Björkman, P. & Fourie, C. M. T., 2022, I: *Journal of Clinical Medicine*. 11, 10, 2812.

How to calculate ventricular–arterial coupling?

Holm, H., Magnusson, M., Jujic, A., Bozec, E. & Girerd, N., 2022, I: *European Journal of Heart Failure*. 24, 4, s. 600-602

Kinetic energy of left ventricular blood flow across heart failure phenotypes and in subclinical diastolic dysfunction

Arvidsson, P. M., Nelsson, A., Edlund, J., Smith, J. G., Magnusson, M., Jin, N., Heiberg, E., Carlsson, M., Steding-Ehrenborg, K. & Arheden, H., 2022, I: *Journal of Applied Physiology*. 133, 3, s. 697-709

Machine Learning-Derived Echocardiographic Phenotypes Predict Heart Failure Incidence in Asymptomatic Individuals

Kobayashi, M., Huttin, O., Magnusson, M., Ferreira, J. P., Bozec, E., Huby, A.-C., Preud'homme, G., Duarte, K., Lamiral, Z., Dalleau, K., Bresso, E., Smaïl-Tabbone, M., Devignes, M.-D., Nilsson, P. M., Leosdottir, M., Boivin, J.-M., Zannad, F., Rossignol, P., Girerd, N. & STANISLAS study, 2022, I: *JACC: Cardiovascular Imaging*. 15, 2, s. 193-208

The impact of myocardial fibrosis biomarkers in a heart failure population with atrial fibrillation—The HARVEST-Malmö study

Nezami, Z., Holm, H., Ohlsson, M., Molvin, J., Korduner, J., Bachus, E., Zaghi, A., Platonov, P., Jujic, A. & Magnusson, M., 2022, I: *Frontiers in Cardiovascular Medicine*. 9, s. 1-11 982871.

Proteomic and Metabolomic Characterization of Metabolically Healthy Obesity: A Descriptive Study from a Swedish Cohort

Korduner, J., Nilsson, P. M., Melander, O., Gerl, M. J., Engström, G., Bachus, E., Magnusson, M. & Ottosson, F., 2021 okt. 6, I: *Journal of Obesity*. 2021, 9 s., 6616983.

Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population

Bergström, G., Persson, M., Adiels, M., Björnson, E., Bonander, C., Ahlström, H., Alfredsson, J., Angerås, O., Berglund, G., Blomberg, A., Brandberg, J., Börjesson, M., Cederlund, K., de Faire, U., Duvernoy, O., Ekblom, Ö., Engström, G., Engvall, J. E., Fagman, E. & Eriksson, M. och 27 andra, Erlinge, D., Fagerberg, B., Flinck, A., Gonçalves, I., Hagström, E., Hjelmgren, O., Lind, L., Lindberg, E., Lindqvist, P., Ljungberg, J., Magnusson, M., Mannila, M., Markstad, H., Mohammad, M. A., Nystrom, F. H., Ostenfeld, E., Persson, A., Rosengren, A., Sandström, A., Själander, A., Sköld, M. C., Sundström, J., Swahn, E., Söderberg, S., Torén, K., Östgren, C. J. & Jernberg, T., 2021 sep. 21, I: *Circulation*. 144, 12, s. 916-929

Mapping genetic determinants of 184 circulating proteins in 26,494 individuals to connect proteins and diseases

Macdonald-Dunlop, E., Klaric, L., Folkersen, L., Timmers, P. R. H. J., Gustafsson, S., Hua Zhao, J., Eriksson, N., Richmond, A., Enroth, S., Mattsson-Carlgen, N., Zhernakova, D. V., Magnusson, M., Smith, J. G. & Hansson, O., 2021 aug. 5, medRxiv, 27 s.

Exploring biomarkers associated with deteriorating vascular health using a targeted proteomics chip: The SABPA study

Dießen, A., Malan, L., Mels, C. M. C., Lammertyn, L., Wentzel, A., Nilsson, P. M., Gudmundsson, P., Jujic, A. & Magnusson, M., 2021 maj 21, I: *Medicine*. 100, 20, 8 s., e25936.

Mendelian randomisation identifies alternative splicing of the FAS death receptor as a mediator of severe COVID-19

Klaric, L., Gisby, J. S., Papadaki, A., Muckian, M. D., Macdonald-Dunlop, E., Zhao, J. H., Tokolyi, A., Persyn, E., Pairo-Castineira, E., Morris, A. P., Kalnaperkis, A., Richmond, A., Landini, A., Hedman, Å. K., Prins, B., Zanetti, D., Wheeler, E., Kooperberg, C., Yao, C. & Petrie, J. R. och 48 andra, Fu, J., Folkersen, L., Walker, M., Magnusson, M., Eriksson, N., Mattsson-Carlgen, N., Timmers, P. R. H. J., Hwang, S.-J., Enroth, S., Gustafsson, S., Vosa, U., Chen, Y., Siegbahn, A., Reiner, A., Johansson, Å., Thorand, B., Gigante, B., Hayward, C., Herder, C., Gieger, C., Langenberg, C., Levy, D., Zhernakova, D. V., Smith, J. G., Campbell, H., Sundstrom, J., Danesh, J., Michaëlsson, K., Suhre, K., Lind, L., Wallentin, L., Padyukov, L., Landén, M., Wareham, N. J., Göteson, A., Hansson, O., Strawbridge, R. J., Assimes, T. L., Esko, T.,

Gyllensten, U., Baillie, J. K., Paul, D. S., Joshi, P. K., Butterworth, A. S., Mälarstig, A., Pirastu, N., Wilson, J. F. & Peters, J. E., 2021 apr. 7, medRxiv.

Glucose-Dependent Insulinotropic Peptide in the High-Normal Range Is Associated With Increased Carotid Intima-Media Thickness

Jujić, A., Nilsson, P. M., Atabaki-Pasdar, N., Dieden, A., Tuomi, T., Franks, P. W., Holst, J. J., Torekov, S. S., Ravassa, S., Díez, J., Persson, M., Ahlqvist, E., Melander, O., Gomez, M. F., Groop, L. & Magnusson, M., 2021 jan., I: *Diabetes Care*. 44, 1, s. 224-230 7 s.

Antibodies against phosphorylcholine in hospitalized versus non-hospitalized obese subjects

Jujic, A., Korduner, J., Holm, H., Engström, G., Bachus, E., Bhattacharya, P., Nilsson, P. M., Frostegård, J. & Magnusson, M., 2021, I: *Scientific Reports*. 11, s. 1-9 20246.

Delayed retinal vein recovery responses indicate both non-adaptation to stress as well as increased risk for stroke: the SABPA study

Malan, L., Hamer, M., von Känel, R., Kotliar, K., van Wyk, R. D., Lambert, G. W., Vilser, W., Ziemssen, T., Schlaich, M. P., Smith, W., Magnusson, M., Wentzel, A., Myburgh, C. E., Steyn, H. S. & Malan, N. T., 2021, I: *Cardiovascular Journal of Africa*. 32, 1, s. 7-18

Hydraulic force is a novel mechanism of diastolic function which may contribute to decreased diastolic filling in HFpEF and facilitate filling in HFrEF

Steding-Ehrenborg, K., Hedström, E., Carlsson, M., Maksuti, E., Broomé, M., Ugander, M., Magnusson, M., Smith, J. G. & Arheden, H., 2021, I: *Journal of Applied Physiology*. 130, 4, s. 993-1000

Impaired cerebral oxygenation in heart failure patients at rest and during head-up tilt testing

Kharraziha, I., Holm, H., Magnusson, M., Wollmer, P., Molvin, J., Jujic, A., Fedorowski, A., Bachus, E. & Hamrefors, V., 2021, I: *ESC Heart Failure*. 8, 1, s. 586-594

Plasma S1P (Sphingosine-1-Phosphate) Links to Hypertension and Biomarkers of Inflammation and Cardiovascular Disease: Findings From a Translational Investigation

Jujic, A., Matthes, F., Vanherle, L., Petzka, H., Orho-Melander, M., Nilsson, P. M., Magnusson, M. & Meissner, A., 2021, I: *Hypertension*. 78, 1, s. 195-209 15 s.

Proteins linked to atherosclerosis and cell proliferation are associated with the shrunken pore syndrome in heart failure patients

Khakollari, L., Jujic, A., Molvin, J., Nilsson, P., Holm, H., Bachus, E., Leosdottir, M., Grubb, A., Christensson, A. & Magnusson, M., 2021, I: *Proteomics Clinical Applications*. 15, 4, 2000089.

The Shrunken pore syndrome is associated with poor prognosis and lower quality of life in heart failure patients: the HARVEST-Malmö study

Khakollari, L., Grubb, A., Jujic, A., Bachus, E., Nilsson, P. M., Leosdottir, M., Christensson, A. & Magnusson, M., 2021, I: *ESC Heart Failure*. 8, 5, s. 3577-3586

Proteomic exploration of common pathophysiological pathways in diabetes and cardiovascular disease

Molvin, J., Jujic, A., Melander, O., Pareek, M., Råstam, L., Lindblad, U., Daka, B., Leósdóttir, M., Nilsson, P. M., Olsen, M. H. & Magnusson, M., 2020 okt. 13, I: *ESC Heart Failure*.

Cognitive test results are associated with mortality and rehospitalization in heart failure: Swedish prospective cohort study

Holm, H., Bachus, E., Jujic, A., Nilsson, E. D., Wadström, B., Molvin, J., Minthon, L., Fedorowski, A., Nägga, K. & Magnusson, M., 2020 okt., I: *ESC Heart Failure*. 7, 5, s. 2948-2955 8 s.

Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals

Folkersen, L., Gustafsson, S., Wang, Q., Hansen, D. H., Hedman, Å. K., Schork, A., Page, K., Zhernakova, D. V., Wu, Y., Peters, J., Eriksson, N., Bergen, S. E., Boutin, T. S., Bretherick, A. D., Enroth, S., Kalnapenkis, A., Gådin, J. R., Suur, B. E., Chen, Y. & Matic, L. och 32 andra, Gale, J. D., Lee, J., Zhang, W., Quazi, A., Ala-Korpela, M., Choi, S. H., Claringbould, A., Danesh, J., Davey Smith, G., de Masi, F., Elmståhl, S., Engström, G., Fauman, E., Fernandez, C., Franke, L., Franks, P. W., Giedraitis, V., Haley, C., Hamsten, A., Ingason, A., Johansson, Å., Lindgren, C. M.,

Magnusson, M., Melander, O., Nilsson, P. M., Nilsson, J., Orho-Melander, M., Sjögren, M., Smith, G., Yang, J., Wallentin, L. & SCALLOP Consortium, 2020 okt., I: *Nature Metabolism*. 2, 10, s. 1135-1148 14 s.

High circulating levels of midregional proenkephalin A predict vascular dementia: a population-based prospective study

Holm, H., Nägga, K., Nilsson, E. D., Ricci, F., Melander, O., Hansson, O., Bachus, E., Fedorowski, A. & Magnusson, M., 2020 maj 15, I: *Scientific Reports*. 10, 1, 8027.

Glucose-dependent insulinotropic peptide and risk of cardiovascular events and mortality: a prospective study

Jujić, A., Atabaki-Pasdar, N., Nilsson, P. M., Almgren, P., Hakaste, L., Tuomi, T., Berglund, L. M., Franks, P. W., Holst, J. J., Prasad, R. B., Torekov, S. S., Ravassa, S., Díez, J., Persson, M., Melander, O., Gomez, M. F., Groop, L., Ahlqvist, E. & Magnusson, M., 2020 maj, I: *Diabetologia*. 63, 5, s. 1043-1054 12 s.

Exploration of pathophysiological pathways for incident atrial fibrillation using a multiplex proteomic chip

Molvin, J., Jujic, A., Melander, O., Pareek, M., Råstam, L., Lindblad, U., Daka, B., Leosdottir, M., Nilsson, P., Olsen, M. & Magnusson, M., 2020 mars 15, I: *Open Heart*. 7, 1, e001190.

Metabolically Healthy Obesity (MHO)-New Research Directions for Personalised Medicine in Cardiovascular Prevention

Nilsson, P. M., Korduner, J. & Magnusson, M., 2020 feb. 17, I: *Current Hypertension Reports*. 22, 2, s. 1-5 18.

Increased pulmonary blood volume variation in patients with heart failure compared to healthy controls; a non-invasive, quantitative measure of heart failure

Al-Mashat, M., Jögi, J., Carlsson, M., Borgquist, R., Ostfeld, E., Magnusson, M., Bachus, E., Rådegran, G., Arheden, H. & Kanski, M., 2020 feb. 1, I: *Journal of Applied Physiology*. 128, 2, s. 324-337 14 s.

A diabetes-associated genetic variant is associated with diastolic dysfunction and cardiovascular disease

Molvin, J., Jujic, A., Nilsson, P. M., Leosdottir, M., Lindblad, U., Daka, B., Bennet, L., Råstam, L., Lyssenko, V. & Magnusson, M., 2020 feb., I: *ESC Heart Failure*. 7, 1, s. 345-353 9 s.

Beta-blocker therapy and risk of vascular dementia: A population-based prospective study

Holm, H., Ricci, F., Di Martino, G., Bachus, E., Nilsson, E. D., Ballerini, P., Melander, O., Hansson, O., Nägga, K., Magnusson, M. & Fedorowski, A., 2020 feb., I: *Vascular Pharmacology*. 125-126, 106649.

NT-proBNP and metabolic risk factors in a bi-ethnic cohort: the Ambulatory Blood Pressure in African prospective cohort study

Jujić, A., Melander, O., Nilsson, P. M., Malan, L., Fedorowski, A. & Magnusson, M., 2020, I: *Cardiovascular Journal of Africa*. 31, 6, s. 291-297 7 s.

Selenoprotein P Deficiency and Risk of Mortality and Rehospitalization in Acute Heart Failure

Jujić, A., Melander, O., Bergmann, A., Hartmann, O., Nilsson, P. M., Bachus, E., Struck, J. & Magnusson, M., 2019 aug. 20, I: *Journal of the American College of Cardiology*. 74, 7, s. 1009-1011

Bioactive adrenomedullin, proenkephalin A and clinical outcomes in an acute heart failure setting

Molvin, J., Jujic, A., Navarin, S., Melander, O., Zoccoli, G., Hartmann, O., Bergmann, A., Struck, J., Bachus, E., Di Somma, S. & Magnusson, M., 2019 juli 3, I: *Open Heart*. 6, 2, e001048.

BDNF increases associated with constant troponin T levels and may protect against poor cognitive interference control: The SABPA prospective study

Jansen van Vuren, E., Malan, L., von Känel, R., Magnusson, M., Lammertyn, L. & Malan, N. T., 2019 juli, I: *European Journal of Clinical Investigation*. 49, 7, e13116.

Heart failure and metabolic factors

Nilsson, P. M., Molvin, J. & Magnusson, M., 2019 mars 30, *Hypertension and Heart Failure: Epidemiology, Mechanisms and Treatment*. Dorobantu, M., Mancina, G., Grassi, G. & Voicu, V. (red.). Springer Nature, s. 123-133

Using a Targeted Proteomics Chip to Explore Pathophysiological Pathways for Incident Diabetes- The Malmö Preventive Project

Molvin, J., Pareek, M., Jujic, A., Melander, O., Råstam, L., Lindblad, U., Daka, B., Leósdóttir, M., Nilsson, P. M., Olsen, M. H. & Magnusson, M., 2019 jan. 22, I: Scientific Reports. 9, 1, 272.

Cardiovascular biomarkers predict post-discharge re-hospitalization risk and mortality among Swedish heart failure patients

Molvin, J., Jujic, A., Bachus, E., Gallo, W., Tasevska-Dinevska, G., Holm, H., Melander, O., Fedorowski, A. & Magnusson, M., 2019, I: ESC Heart Failure. 6, 5, s. 992-999

Coping facilitated troponin T increases and hypo-responsivity in the copeptin-HPA-axis during acute mental stress in a Black cohort: The SABPA study

Myburgh, C. E., Malan, L., Möller, M., Magnusson, M., Melander, O., Rauch, H. G. L., Steyn, F. & Malan, N. T., 2019, I: Physiology & Behavior. 207, s. 159-166

Echocardiographic Findings in Patients with Mild to Moderate Chronic Kidney Disease without Symptomatic Heart Failure: A Population-Based Study

Xhakollari, L., Leosdottir, M., Magnusson, M., Holzmann, M. J., Nilsson, P. M. & Christensson, A., 2019, I: CardioRenal Medicine. 9, 5, s. 284-296 13 s.

Metabolically healthy obesity (MHO) in the Malmö diet cancer study - Epidemiology and prospective risks

Korduner, J., Bachus, E., Jujic, A., Magnusson, M. & Nilsson, P. M., 2019, I: Obesity Research and Clinical Practice. 13, 6, s. 548-554

Prospective associations between cardiac stress, glucose dysregulation and executive cognitive function in Black men: The Sympathetic activity and Ambulatory Blood Pressure in Africans study

Jansen van Vuren, E., Malan, L., von Känel, R., Magnusson, M., Lammertyn, L. & Malan, N. T., 2019, I: Diabetes and Vascular Disease Research. 16, 3, s. 236-243

Skin autofluorescence as a measure of advanced glycation end product levels is associated with carotid atherosclerotic plaque burden in an elderly population

Jujić, A., Östling, G., Persson, M., Engström, G., Nilsson, P. M., Melander, O. & Magnusson, M., 2019, I: Diabetes & Vascular Disease Research. 16, 5, s. 466-473

Population-Level Analysis to Determine Parameters That Drive Variation in the Plasma Metabolite Profiles

Al-Majdoub, M., Herzog, K., Daka, B., Magnusson, M., Råstam, L., Lindblad, U. & Spégel, P., 2018 nov. 15, I: Metabolites. 8, 4, 78.

Characteristics and prognosis of healthy severe obesity (HSO) subjects - The Malmo Preventive Project

Tremmel, M., Lyssenko, V., Zöller, B., Engström, G., Magnusson, M., Melander, O., Nilsson, P. M. & Bachus, E., 2018 sep. 1, I: Obesity Medicine. 11, s. 6-12 7 s.

Autonomic dysfunction is associated with cardiac remodelling in heart failure patients

Ali, A., Holm, H., Molvin, J., Bachus, E., Tasevska-Dinevska, G., Fedorowski, A., Jujic, A. & Magnusson, M., 2018 feb., I: Heart Failure Clinics. 5, 1, s. 46-52

Cardiovascular risk after hospitalisation for unexplained syncope and orthostatic hypotension

Yasa, E., Ricci, F., Magnusson, M., Sutton, R., Gallina, S., De Caterina, R., Melander, O. & Fedorowski, A., 2018, I: Heart. 104, 6, s. 487-493

Monitoring of cerebral oximetry during head-up tilt test in adults with history of syncope and orthostatic intolerance

Bachus, E., Holm, H., Hamrefors, V., Melander, O., Sutton, R., Magnusson, M. & Fedorowski, A., 2018, I: Europace.

Obesity and metabolic features associated with long-term developing diastolic dysfunction in an initially healthy population-based cohort

Chau, K., Girerd, N., Magnusson, M., Lamiral, Z., Bozec, E., Merckle, L., Leosdottir, M., Bachus, E., Frikha, Z., Ferreira, J. P., Després, J. P., Rossignol, P., Boivin, J. M. & Zannad, F., 2018, I: Clinical Research in Cardiology. 107, 10, s. 887-896

Defensive coping and essential amino acid markers as possible predictors for structural vascular disease in an African and Caucasian male cohort: The SABPA study

Möller, M., Malan, L., Magnusson, M., Mels, C. M. C. & Malan, N. T., 2017 maj, I: *Psychophysiology*. 54, 5, s. 696-705 10 s.

Amino Acid Signatures to Evaluate the Beneficial Effects of Weight Loss

Geidenstam, N., Magnusson, M., Danielsson, A. P. H., Gerszten, R. E., Wang, T. J., Reinius, L. E., Mulder, H., Melander, O. & Ridderstråle, M., 2017, I: *International Journal of Endocrinology*. 2017, 6490473.

Biomarkers of microvascular endothelial dysfunction predict incident dementia: a population-based prospective study

Holm, H., Nägga, K., Nilsson, E. D., Ricci, F., Melander, O., Hansson, O., Bachus, E., Magnusson, M. & Fedorowski, A., 2017, I: *Journal of Internal Medicine*. 282, 1, s. 94-101

Longitudinal and postural changes of blood pressure predict dementia: the Malmö Preventive Project

Holm, H., Nägga, K., Nilsson, E. D., Melander, O., Minthon, L., Bachus, E., Fedorowski, A. & Magnusson, M., 2017, I: *European Journal of Epidemiology*. 32, 4, s. 327-336

N-Terminal Prosomatostatin and Risk of Vascular Dementia

Holm, H., Nägga, K., Nilsson, E. D., Ricci, F., Cinosi, E., Melander, O., Hansson, O., Bachus, E., Magnusson, M. & Fedorowski, A., 2017, I: *Cerebrovascular Diseases*. 44, 5-6, s. 259-265 7 s.

Plasma metabolite profiles, cellular cholesterol efflux, and non-traditional cardiovascular risk in patients with CKD

Ganda, A., Yvan-Charvet, L., Zhang, Y., Lai, E. J., Regunathan-Shenk, R., Hussain, F. N., Avasare, R., Chakraborty, B., Febus, A. J., Vernocchi, L., Lantigua, R., Wang, Y., Shi, X., Hsieh, J., Murphy, A. J., Wang, N., Bijl, N., Gordon, K. M., de Miguel, M. H. & Singer, J. R. och 6 andra, Hogan, J., Cremers, S., Magnusson, M., Melander, O., Gerszten, R. E. & Tall, A. R., 2017, I: *Journal of Molecular and Cellular Cardiology*. 112, s. 114-122

Single and multiple cardiovascular biomarkers in subjects without a previous cardiovascular event

Pareek, M., Bhatt, D. L., Vaduganathan, M., Biering-Sørensen, T., Qamar, A., Diederichsen, A. C., Møller, J. E., Hindersson, P., Leosdottir, M., Magnusson, M., Nilsson, P. M. & Olsen, M. H., 2017, I: *European Journal of Preventive Cardiology*. s. 1648-1659

The shrunken pore syndrome is associated with declined right ventricular systolic function in a heart failure population – the HARVEST study

Christensson, A., Grubb, A., Molvin, J., Holm, H., GRÄNSBO, K., Tasevska-Dinevska, G., Bachus, E., Jujic, A. & Magnusson, M., 2016 okt. 2, I: *Scandinavian Journal of Clinical & Laboratory Investigation*. 76, 7, s. 568-574 7 s.

Sixth in a series on diabetes and the heart: The cardiovascular effects of anti-diabetes drugs – an update in 2016

Nilsson, P. M., Magnusson, M. & Diez, J., 2016 aug. 2, I: *e-Journal of Cardiology Practice*. 14, 19

Metabolomic signatures in atherosclerotic disease: What is the potential use?

Nilsson, P. M. & Magnusson, M., 2016 aug. 1, I: *Hypertension Research*. 39, 8, s. 576-577 2 s.

Cystatin C and risk of diabetes and the metabolic syndrome - Biomarker and genotype association analyses

Magnusson, M., Molvin, J., Engström, G., Svensson, P., Persson, M., Christensson, A., Nilsson, P. & Melander, O., 2016 maj 1, I: *PLoS ONE*. 11, 5, e0155735.

Atrial Natriuretic Peptide in the high normal range is associated with lower prevalence of insulin resistance.

Jujic, A., Nilsson, P., Persson, M., Holst, J. J., Torekov, S. S., Lyssenko, V., Groop, L., Melander, O. & Magnusson, M., 2016, I: *The Journal of clinical endocrinology and metabolism*. 101, 4, s. 1372-1380

Orthostatic Hypotension and Cardiac Changes After Long-Term Follow-Up.

Magnusson, M., Holm, H., Bachus, E., Nilsson, P., Leosdottir, M., Melander, O., Jujic, A. & Fedorowski, A., 2016, I: *American Journal of Hypertension*. 29, 7, s. 847-52

Postprandial Levels of Branch Chained and Aromatic Amino Acids Associate with Fasting Glycaemia

Ottosson, F., Ericson, U., Almgren, P., Nilsson, J., Magnusson, M., Fernandez, C. & Melander, O., 2016, I: Journal of Amino Acids. 2016, 8576730.

Diagnostic performance of the Selvester QRS scoring system in relation to clinical ECG assessment of patients with lateral myocardial infarction using cardiac magnetic resonance as reference standard.

Wiiala, J., Hedström, E., Kraen, M., Magnusson, M., Arheden, H. & Engblom, H., 2015, I: Journal of Electrocardiology. 48, 5, s. 750-757

Dimethylglycine Deficiency and the Development of Diabetes mellitus.

Magnusson, M., Wang, T. J., Clish, C., Engström, G., Nilsson, P., Gerszten, R. E. & Melander, O., 2015, I: Diabetes. 64, 8, s. 3010-3016

Distinct metabolomic signatures are associated with longevity in humans.

Cheng, S., Larson, M. G., McCabe, E. L., Murabito, J. M., Rhee, E. P., Ho, J. E., Jacques, P. F., Ghorbani, A., Magnusson, M., Souza, A. L., Deik, A. A., Pierce, K. A., Bullock, K., O'Donnell, C. J., Melander, O., Clish, C. B., Vasan, R. S., Gerszten, R. E. & Wang, T. J., 2015, I: Nature Communications. 6, 6791.

Atrial natriuretic Peptide and type 2 diabetes development - biomarker and genotype association study.

Jujic, A., Nilsson, P., Engström, G., Hedblad, B., Melander, O. & Magnusson, M., 2014, I: PLoS ONE. 9, 2, e89201.

2-Amino adipic acid is a biomarker for diabetes risk

Wang, T. J., Ngo, D., Psychogios, N., Dejam, A., Larson, M. G., Vasan, R. S., Ghorbani, A., O'Sullivan, J., Cheng, S., Rhee, E. P., Sinha, S., McCabe, E., Fox, C. S., O'Donnell, C. J., Ho, J. E., Florez, J. C., Magnusson, M., Pierce, K. A., Souza, A. L. & Yu, Y. och 5 andra, Carter, C., Light, P. E., Melander, O., Clish, C. B. & Gerszten, R. E., 2013, I: Journal of Clinical Investigation. 123, 10, s. 4309-4317

A diabetes-predictive amino acid score and future cardiovascular disease.

Magnusson, M., Lewis, G. D., Ericson, U., Orho-Melander, M., Hedblad, B., Engström, G., Östling, G., Clish, C., Wang, T. J., Gerszten, R. E. & Melander, O., 2013, I: European Heart Journal. 34, 26, s. 1982-1989

A genetic variant of the atrial natriuretic peptide gene is associated with left ventricular hypertrophy in a non-diabetic population - the Malmö preventive project study

Jujic, A., Leosdottir, M., Östling, G., Gudmundsson, P., Nilsson, P., Melander, O. & Magnusson, M., 2013, I: BMC Medical Genetics. 14, 64.

High levels of cystatin C predict the metabolic syndrome: the prospective Malmö Diet and Cancer Study.

Magnusson, M., Hedblad, B., Engström, G., Persson, M., Nilsson, P. & Melander, O., 2013, I: Journal of Internal Medicine. 274, 2, s. 192-199

Mild Renal Dysfunction and Metabolites Tied to Low HDL Cholesterol Are Associated With Monocytosis and Atherosclerosis

Ganda, A., Magnusson, M., Yvan-Charvet, L., Hedblad, B., Engström, G., Ai, D., Wang, T. J., Gerszten, R. E., Melander, O. & Tall, A. R., 2013, I: Circulation. 127, 9, s. 988-996

Response to letter to the editor 'Serum cystatin-C levels correlate with endothelial dysfunction in patients with the metabolic syndrome'

Magnusson, M., Hedblad, B., Engström, G., Persson, M., Nilsson, P. & Melander, O., 2013, I: Journal of Internal Medicine. 274, 5, s. 496-498

A clinically confirmed family history for early myocardial infarction is associated with increased risk of obesity, insulin resistance and metabolic syndrome.

Magnusson, M., Burri, P. & Melander, O., 2012, I: Journal of Hypertension. 30, 5, s. 948-953

Low Plasma Level of Atrial Natriuretic Peptide Predicts Development of Diabetes: The Prospective Malmo Diet and Cancer Study.

Magnusson, M., Jujic, A., Hedblad, B., Engström, G., Persson, M., Struck, J., Morgenthaler, N. G., Nilsson, P., Newton-Cheh, C., Wang, T. J. & Melander, O., 2012, I: The Journal of clinical endocrinology and metabolism. 97, 2, s. 638-645

Metabolite Profiling Identifies Pathways Associated With Metabolic Risk in Humans

Cheng, S., Rhee, E. P., Larson, M. G., Lewis, G. D., McCabe, E. L., Shen, D., Palma, M. J., Roberts, L. D., Dejam, A., Souza, A. L., Deik, A. A., Magnusson, M., Fox, C. S., O'Donnell, C. J., Vasan, R. S., Melander, O., Clish, C. B., Gerszten, R. E. & Wang, T. J., 2012, I: Circulation. 125, 18, s. 2222-U132

Cardiac Natriuretic Peptides, Obesity, and Insulin Resistance: Evidence from Two Community-Based Studies.

Khan, A. M., Cheng, S., Magnusson, M., Larson, M. G., Newton-Cheh, C., McCabe, E. L., Coviello, A. D., Florez, J. C., Fox, C. S., Levy, D., Robins, S. J., Arora, P., Bhasin, S., Lam, C. S. P., Vasan, R. S., Melander, O. & Wang, T. J., 2011, I: The Journal of clinical endocrinology and metabolism. 96, 10, s. 3242-3249

Brain natriuretic peptide is related to diastolic dysfunction whereas urinary albumin excretion rate is related to left ventricular mass in asymptomatic type 2 diabetes patients

Magnusson, M., Jovinge, S., Shahgaldi, K., Israelsson, B., Groop, L. & Melander, O., 2010, I: Cardiovascular Diabetology. 9

Heart disease in early type 2 diabetes: The importance of early detection of subclinical heart disease in high-risk patients. Magnusson, M., 2010, LAP Lambert Academic Publishing. 76 s.

Natriuretic peptides as indicators of cardiac remodeling in hypertensive patients.

Magnusson, M., Jovinge, S., Rydberg, E., Dahlof, B., Hall, C., Nielsen, O., Grubb, A. & Willenheimer, R., 2009, I: Blood Pressure. 18, s. 196-203

Novel and conventional biomarkers for prediction of incident cardiovascular events in the community.

Melander, O., Newton-Cheh, C., Almgren, P., Hedblad, B., Berglund, G., Engström, G., Persson, M., Smith, G., Magnusson, M., Christensson, A., Struck, J., Morgenthaler, N. G., Bergmann, A., Pencina, M. J. & Wang, T. J., 2009, I: JAMA: The Journal of the American Medical Association. 302, 1, s. 49-57

Heart Disease in Early type 2 Diabetes

Magnusson, M., 2007, Institutionen för kliniska vetenskaper, Malmö.

Glycemic and non-glycemic effects of pioglitazone in triple oral therapy in patients with type 2 diabetes mellitus

Dorkhan, M., Magnusson, M., Frid, A., Grubb, A., Groop, L. & Jovinge, S., 2006 aug., I: Journal of Internal Medicine. 260, 2, s. 125-133 9 s.

Nt-proANP in plasma, a marker of salt sensitivity, is reduced in type 2 diabetes patients.

Melander, O., Frandsen, E., Magnusson, M., Grubb, A., Jovinge, S. & Groop, L., 2005, I: Journal of Internal Medicine. 257, 3, s. 281-288

Elevated Plasma Levels of Nt-proBNP in Patients With Type 2 Diabetes Without Overt Cardiovascular Disease.

Magnusson, M., Melander, O., Israelsson, B., Grubb, A., Groop, L. & Jovinge, S., 2004, I: Diabetes Care. 27, 8, s. 1929-1935

Forskningsmedel

Pilotstudie av genomförbarhet av seleniumintervention vid hjärtsvikt (SIP-HF)

Magnusson, M. (PI)

Swedish Research Council: 1 134 720,00 kr

2025/01/01 → 2026/12/31

Projekt

Cardiac rehabilitation in patients with heart failure

Brudasca, D. (Forskare), Leosdottir, M. (Handledare), Magnusson, M. (Handledare) & Bäck, M. (Forskare)

Exploration of biomarkers in heart failure

Dieden, A. (Forskarstuderande), Magnusson, M. (Handledare), Jujic, A. (Biträdande handledare) & Gudmundsson, P. (Biträdande handledare)

2019/06/01 → ...

Hypertension and neurodegeneration - BP regulation, inflammation and beyond

Don-Doncow, N. (Forskare), Vanherle, L. (Forskarstuderande), Meissner, A. (PI), Duarte, J. (PI) & Magnusson, M. (PI)

KHD: Kompetens centrum Hjärta och Diabetes - KHD

Magnusson, M. (PI) & Jujic, A. (Forskare)

Hulda och E Conrad Mossfelts Stiftelse, Ernhold Lundströms stiftelse, Sydvästra Skånes Diabetesförening

2007/01/01 → ...

HARVEST: Prediction, Prevention and Treatment of Progressing Heart Failure and Coincident Cognitive Impairment

Magnusson, M. (PI), Holm Isholth, H. (Forskarstuderande), Jujic, A. (Forskare) & Molvin, J. (Forskare)

Greta and Johan Kock Foundation, Ernhold Lundströms stiftelse, Crafoordska stiftelsen, Hjärt-Lungfonden

Reducing the Burden of Heart Failure by Earlier Diagnosis and Precise Staging using Magnetic Resonance and SPECT Imaging

Arheden, H. (PI), Nelsson, A. (Forskarstuderande), Steding Ehrenborg, K. (Forskare), Engblom, H. (Forskare), Smith, G. (Forskare), Magnusson, M. (Forskare), Heiberg, E. (Forskare), Ostenfeld, E. (Forskare) & Arvidsson, P. (Forskare)

Hjärt-Lungfonden

2021/01/01 → ...

S1P signaling in experimental hypertension and associated target organ damage

Don-Doncow, N. (Forskare), Vanherle, L. (Forskarstuderande), Matthes, F. (Forskare), Magnusson, M. (Col) & Meissner, A. (PI)

Escaper: Searching for clinical extremes to find protective mechanisms Cardiovascular and metabolic phenotyping of individuals protected from cardiovascular complications in spite of risk factor burden or clinical disease

Gottsäter, A. (Forskare), Nilsson, P. M. (Forskare), Kennbäck, C. (Projektkoordinator), Melander, O. (Forskare), Christensson, A. (Forskare), Engström, G. (Forskare), Löndahl, M. (Forskare), Lehti, L. (Forskare), Hedström, E. (Forskare), Arheden, H. (Forskare), Magnusson, M. (Forskare), Lyssenko, V. (Forskare), Ekström, O. (Forskare) & Jujic, A. (Forskare)

2022/03/01 → 2025/12/31

The impact of physical activity in heart failure prognosis and for cardiac function

Zaghi, A. (Forskare), Magnusson, M. (Handledare), Holm Isholth, H. (Biträdande handledare) & Jujic, A. (Biträdande handledare)

The Incretin system's Impact on Cardiovascular Risk and Cancer

Magnusson, M. (PI), Şahoğlu Gökteş, S. (Forskare), Francisco, A. (Forskare), Meissner, A. (Forskare) & Duarte, J. (Forskare)

Swedish Research Council

2023/01/01 → 2027/12/31

The use of Genomics and Proteomics for the Detection and Prevention of Cardiometabolic Disease

Molvin, J. (Forskarstuderande) & Magnusson, M. (Handledare)

Hulda och E Conrad Mossfelts Stiftelse, Maggie Stephens stiftelse

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