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Employment

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Molecular Endocrinology
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Research outputs

Analysis of vitamin D and its metabolites in biological samples – Part I: Optimization and comparison of UHPSFC-MS/MS and UHPLC-MS/MS methods

Pilařová, V., Socas-Rodríguez, B., Nováková, L., Essén, S., Holm, C., Turner, C. & Sandahl, M., 2024 Apr 15, In: Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences. 1237, 124087.

Analysis of vitamin D and its metabolites in biological samples – Part II: Optimization of a sample preparation method for liver tissue

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Butyrate-producing bacteria as probiotic supplement: beneficial effects on metabolism and modulation of behaviour in an obesity mouse model

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Genetic deletion of hormone-sensitive lipase in mice reduces cerebral blood flow but does not aggravate the impact of diet-induced obesity on memory

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Kopietz, F., Berggreen, C., Larsson, S., Säll, J., Ekelund, M., Sakamoto, K., Degerman, E., Holm, C. & Göransson, O., 2018, In: American Journal of Physiology - Endocrinology and Metabolism. 315, 5, p. E1075-E1085

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Fatty acid specificity of hormone-sensitive lipase: implication in the selective hydrolysis of triacylglycerols

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Khan, A., Narangoda, S., Ahrén, B., Holm, C., Sundler, F. & Efendic, S., 2001, In: *International Journal of Obesity*. 25, 6, p. 816-821

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Sörhede Winzell, M., Svensson, H., Enerback, S., Ahrén, B. & Holm, C., 2001, In: *Diabetologia*. 44, Suppl. 1, p. A6-A6

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Blaise, R., Guillaudoux, T., Tavernier, G., Daegelen, D., Evrard, B., Mairal, A., Holm, C., Jegou, B. & Langin, D., 2001, In: *Journal of Biological Chemistry*. 276, 7, p. 5109-5115

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The expression of hormone-sensitive lipase in clonal beta-cells and rat islets is induced by long-term exposure to high glucose

Winzell, M. S., Svensson, H., Arner, P., Ahren, B. & Holm, C., 2001, In: *Diabetes*. 50, 10, p. 2225-2230

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Mulder, H., Stensson Holst, L., Svensson, H., Degerman, E., Sundler, F., Ahrén, B., Rorsman, P. & Holm, C., 1999, In: *Diabetes*. 48, 1, p. 228-232

Identification of novel phosphorylation sites in hormone-sensitive lipase that are phosphorylated in response to isoproterenol and govern activation properties in vitro

Anthonsen, M. W., Rönstrand, L., Wernstedt, C., Degerman, E. & Holm, C., 1998, In: *Journal of Biological Chemistry*. 273, 1, p. 215-221

Protein kinase B is expressed in pancreatic beta cells and activated upon stimulation with insulin-like growth factor I

Stenson, L., Mulder, H., Manganiello, V., Sundler, F., Ahrén, B., Holm, C. & Degerman, E., 1998, In: *Biochemical and Biophysical Research Communications*. 250, 1, p. 181-186

[2] Regulation of hormone-sensitive lipase activity in adipose tissue

Holm, C., Langin, D., Manganiello, V., Belfrage, P. & Degerman, E., 1997, In: *Methods in Enzymology*. 286, p. 45-67

Partial purification and identification of hormone-sensitive lipase from chicken adipose tissue

Anthonsen, M. W., Degerman, E. & Holm, C., 1997, In: *Biochemical and Biophysical Research Communications*. 236, 1, p. 94-99

Domain-structure analysis of recombinant rat hormone-sensitive lipase

Österlund, T., Danielsson, B., Degerman, E., Contreras, J. A., Edgren, G., Davis, R. C., Schotz, M. C. & Holm, C., 1996, In: *Biochemical Journal*. 319, Pt 2, p. 411-420

Localization of hormone-sensitive lipase to rat Sertoli cells and its expression in developing and degenerating testes

Stenson, L., Hoffmann, A. M., Mulder, H., Sundler, F., Holm, C., Bergh, A. & Fredrikson, G., 1994, In: *FEBS Letters*. 355, 2, p. 125-130

Gene organization and primary structure of human hormone-sensitive lipase: possible significance of a sequence homology with a lipase of *Moraxella TA144*, an antarctic bacterium

Langin, D., Laurell, H., Stenson, L., Belfrage, P. & Holm, C., 1993, In: *Proceedings of the National Academy of Sciences*. 90, 11, p. 4897-4901

Awards

Regulation of neuronal hormone-sensitive lipase

Holm Wallenberg, C. (PI)

Dir Albert Pålssons stiftelse för forskning och välgörenhet: SEK400,000.00

2024/12/04 → 2028/12/31

Projects

AFC: ANTIDIABETIC FOOD CENTRE

Adlercreutz, P. (PI), Ahrén, I. L. (PI), Ahrné, S. (Researcher), Alhamimi, S. (Research student), Andersson, K. E. (Researcher), Andersson, K. E. (Research student), Månberger, A. (Researcher), Axling, U. (Researcher), Axling, U. (Research student), Bergenståhl, B. (Researcher), Berger, K. (PI), Björck, I. (PI), Bränning, C. (Research student), Bäckhed, F. (PI), Zanzer, Y. C. (Research student), Danielsson, A. (PI), Danielsson, B. (Research assistant), Degerman, E. (PI), Dejmek, P. (Researcher), Dey, E. (PI), Dougkas, A. (Researcher), Ekström, L. (Research student), Eliasson, A.-C. (PI), Fahlgren, C. (Research engineer), Falck, P. (PI), Falck, P. (Research student), Ghaffarzadegan, T. (Research student), Granfeldt, Y. (Researcher), Grey, C. (Researcher), Gunnerud, U. (Research student), Håkansson, Å. (Researcher), Håkansson, Å. (Research student), Hållenius, F. (Researcher), Hållenius, F. (PI), Haskå, L. (PI), Haskå, L. (Research student), Heimann, E. (Research student), Hellstrand, P. (Researcher), Heyman, L. (Research student), Holm Wallenberg, C. (PI), Holmén-Pålbrink, A.-K. (Research assistant), Holst, O. (Researcher), Immerstrand, T. (Research student), Immerzeel, P. (Researcher), Jakobsdottir, G. (Research student), Jeppsson, B. (Researcher), Johansson, E. (Research student), Johansson, M. (Project coordinator), Johansson, M. (Researcher), Johansson, M. (Research assistant), Johansson, U. (Researcher), Jones, H. (Researcher), Nordberg Karlsson, E. (Researcher), Kovatcheva-Datchary, P. (Researcher), Kulcinskaja, E. (Research student), Landin-Olsson, M. (Researcher), Linninge, C. (Researcher), Marefati, A. (Research student), Marungruang, N. (Research student), Molin, G. (PI), Nilsson, A. (PI), Nilsson, E. (Research engineer), Nilsson, U. (PI), Nyman, M. (PI), Ohlson, E. (Research assistant), Olsson, C. (Researcher), Öste, R. (PI), Östman, E. (PI), Persson, L. (Research engineer), Persson, S. (Researcher), Plaza, M. (Researcher), Prykhodko, O. (Researcher), Radeborg, K. (Researcher), Rayner, M. (PI), Rosén, L. (Research student), Sandahl, M. (Researcher), Sandberg, J. (Research student), Sjö, M. (PI), Skog, K. (Researcher), Spégel, P. (PI), Ståhlbrand, H. (Researcher), Sterner, O. (PI), Svensson, J. (Research student), Tareke, E. (PI), Tovar, J. (PI), Turner, C. (PI), Westström, B. (Researcher), Xu, J. (Research student) & Zhong, Y. (Research student)

2007/07/01 → 2018/01/31

Bile acids as regulators of energy expenditure

Holm Wallenberg, C. (Researcher) & Axling, U. (Researcher)

Bioinspired Energy Conversion - Theme, Pufendorf Institute

Andersson, Ö. (Project coordinator), Börjesson, P. (Researcher), Isaksson, H. (Researcher), Johansson, J. (Researcher), Linke, H. (Researcher), Revstedt, J. (Researcher), Hedenström, A. (Researcher), Johansson, C. (Researcher), Nilsson, J.-Å. (Researcher), Troein, C. (Researcher), Göransson, O. (Researcher), Holm Wallenberg, C. (Researcher), Mulder, H. (Researcher), Siversson, C. (Researcher) & Parrondo, J. (Researcher)

2012/08/12 → 2013/08/13

Food components for prevention and treatment of obesity and type 2 diabetes - Physiological effects and molecular mechanisms

Berger, K. (PI), Axling, U. (Researcher), Hållenius, F. (PI), Turner, C. (PI), Spégel, P. (PI), Alhamimi, S. (Research student), Adlercreutz, P. (PI), Heyman, L. (Researcher) & Holm Wallenberg, C. (PI)

2010/01/01 → 2017/12/31

LU Futura

Åkesson, L. (Project coordinator), Cronqvist, M. (Project coordinator), Oredsson, U. (Project communication officer), Julén, J. (Researcher), Rummukainen, M. (Researcher), Johansson, K. (Researcher), Stanfors, M. (Researcher), Stripple, J. (Researcher), Holm Wallenberg, C. (Researcher), Deppert, K. (Researcher), Granfeldt, J. (Researcher), Hansen, M. (Col), Lunga, I. (Col) & Karlsson, L. (Col)

2018/01/01 → 2020/12/12

Next-generation probiotics

Holm Wallenberg, C. (Researcher)

Dir Albert Pålssons stiftelse för forskning och välgörenhet

2021/01/01 → 2022/12/31

Regulation of neuronal hormone-sensitive lipase

Holm Wallenberg, C. (PI)

Dir Albert Pålssons stiftelse för forskning och välgörenhet

2024/12/04 → 2028/12/31

Salt-inducible kinases in adipose tissue

Säll Sernevi, J. (Researcher), Göransson, O. (Supervisor) & Holm Wallenberg, C. (Assistant supervisor)

The Royal Physiographic Society in Lund

2012/09/15 → 2017/09/05