

Employment

Associate professor

Internal Medicine - Epidemiology
Lund University
Malmö, Sweden
2015 Sept 21 → present

Member of Strategic Research Area

EpiHealth: Epidemiology for Health
Lund University
Malmö, Sweden
2010 Jan 1 → present

Research outputs

Cardiovascular autonomic function in middle-aged people with long-term cervical and upper thoracic spinal cord injuries

Hill, M., Jörgensen, S., Engström, G., Persson, M., Platonov, P. G., Hamrefors, V. & Lexell, J., 2025, In: Journal of Spinal Cord Medicine. 48, 3, p. 447-460

Sex differences in prevalence and characteristics of imaging-detected atherosclerosis: A population-based study

Swahn, E., Sederholm Lawesson, S., Alfredsson, J., Fredrikson, M., Angerås, O., Duvernoy, O., Engström, G., Eriksson, M. J., Fagman, E., Johansson, B., Johnson, L., Johnston, N., Ljungberg, J., Mannila, M., Nordendahl, M., Oldgren, J., Omerovic, E., Ostfeld, E., Persson, M. & Rosengren, A. & 6 others, Skoglund Larsson, L., Sundström, J., Söderberg, M., Östgren, C. J., Leander, K. & Jernberg, T., 2024 Dec, In: European Heart Journal Cardiovascular Imaging. 25, 12, p. 1663-1672 10 p.

Coronary and Carotid Imaging of Atherosclerosis and Contributing Factors in Middle-aged People with Long-term Cervical and Upper Thoracic Spinal Cord Injuries

Hill, M., Jörgensen, S., Engström, G., Persson, M. & Lexell, J., 2024 Mar, In: PM and R. 16, 3, p. 250-259 10 p.

Pulmonary function and atherosclerosis in the general population: causal associations and clinical implications

Engström, G., Lampa, E., Dekkers, K., Lin, Y. T., Ahlm, K., Ahlström, H., Alfredsson, J., Bergström, G., Blomberg, A., Brandberg, J., Caidahl, K., Cederlund, K., Duvernoy, O., Engvall, J. E., Eriksson, M. J., Fall, T., Gigante, B., Gummesson, A., Hagström, E. & Hamrefors, V. & 24 others, Hedner, J., Janzon, M., Jernberg, T., Johnson, L., Lind, L., Lindberg, E., Mannila, M., Nilsson, U., Persson, A., Persson, H. L., Persson, M., Ramnemark, A., Rosengren, A., Schmidt, C., Skoglund Larsson, L., Sköld, C. M., Swahn, E., Söderberg, S., Torén, K., Waldenström, A., Wollmer, P., Zaigham, S., Östgren, C. J. & Sundström, J., 2024, In: European Journal of Epidemiology. 39, 1, p. 35-49 15 p.

Prevalence of atherosclerosis in individuals with prediabetes and diabetes compared to normoglycaemic individuals—a Swedish population-based study

Östgren, C. J., Otten, J., Festin, K., Angerås, O., Bergström, G., Cederlund, K., Engström, G., Eriksson, M. J., Eriksson, M., Fall, T., Gummesson, A., Hagström, E., Hellman, U., James, S. K., Jernberg, T., Kihlberg, J., Kylhammar, D., Markstad, H., Nilsson, P. & Persson, A. & 6 others, Persson, M., Pirazzi, C., Renklint, R., Rosengren, A., Söderberg, S. & Sundström, J., 2023 Dec, In: Cardiovascular Diabetology. 22, 1, 261.

Accelerometer derived physical activity and subclinical coronary and carotid atherosclerosis: cross-sectional analyses in 22703 middle-aged men and women in the SCAPIS study

Eklom-Bak, E., Börjesson, M., Ekblom, Ö., Angerås, O., Bergman, F., Berntsson, C., Carlhäll, C.-J., Engström, G., Engvall, J., Fagman, E., Flinck, A., Johansson, P., Jujic, A., Kero, T., Lind, L., Mannila, M., Ostfeld, E., Persson, A., Persson, J. & Persson, M. & 6 others, Redfors, B., Sandberg, C., Wennberg, P., Öhlin, J., Östgren, C. J. & Jernberg, T., 2023 Nov 23, In: BMJ Open. 13, 11, e073380.

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Functional and structural impairments of the pulmonary system in middle-aged people with cervical and upper thoracic spinal cord injuries

Hill, M., Jörgensen, S., Engström, G., Persson, M., Wollmer, P. & Lexell, J., 2023, In: *Journal of Spinal Cord Medicine*. 46, 5, p. 732-741

Plaque characteristics and biomarkers predicting regression and progression of carotid atherosclerosis

Khan, F., Gonçalves, I., Shore, A. C., Natali, A., Palombo, C., Colhoun, H. M., Östling, G., Casanova, F., Kennbäck, C., Aizawa, K., Persson, M., Gooding, K. M., Strain, D., Looker, H., Dove, F., Belch, J., Pinnola, S., Venturi, E., Kozakova, M. & Nilsson, J., 2022 Jul 19, In: *Cell Reports Medicine*. 3, 7, 100676.

The inverse association between a fish consumption biomarker and gingival inflammation and periodontitis: A population-based study

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Accelerometer derived physical activity patterns in 27.890 middle-aged adults: The SCAPIS cohort study

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Aortic Stiffness, Inflammation, and Incidence of Cardiovascular Events in Elderly Participants From the General Population

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Association of arterial stiffness with coronary artery calcium score in the general-population: the Swedish CardioPulmonary biomage study

Muhammad, I. F., Engvall, J. E., Persson, M., Borné, Y., Nilsson, P. M., Östgren, C. J. & Engström, G., 2022, In: *Journal of Hypertension*. 40, 5, p. 933-939

Associations of Red Cell Distribution Width With Coronary Artery Calcium in the General Population

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Comparisons of Risk Factors for Abdominal Aortic Aneurysm and Coronary Heart Disease: A Prospective Cohort Study

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

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Copeptin as a marker of atherosclerosis and arteriosclerosis

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Surveillance of indeterminate pulmonary nodules detected with CT in a Swedish population-based study (SCAPIS): psychosocial consequences and impact on health-related quality of life-a multicentre prospective cross-sectional study

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The association between carotid-femoral pulse-wave velocity and lung function in the Swedish CARDioPulmonary bioimage study (SCAPIS) cohort

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The associations between red cell distribution width and lung function measures in a general population

Pan, J., Zaigham, S., Persson, M., Borné, Y., Wollmer, P. & Engström, G., 2021, In: Respiratory Medicine. 185, 106467.

The Malmö Offspring Study (MOS): design, methods and first results

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Identification of the major rabbit and guinea pig semen coagulum proteins and description of the diversity of the REST gene locus in the mammalian clade Glires

Lundwall, Å., Persson, M., Hansson, K. & Jonsson, M., 2020 Oct, In: PLoS ONE. 15, 10 October, e0240607.

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

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Weight gain and blood pressure
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Biomarkers of blood cadmium and incidence of cardiovascular events in non-smokers: Results from a population-based proteomics study
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Skin autofluorescence as a measure of advanced glycation end product levels is associated with carotid atherosclerotic plaque burden in an elderly population

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Use of Vascular Assessments and Novel Biomarkers to Predict Cardiovascular Events in Type 2 Diabetes: The SUMMIT VIP Study

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Effects on the glucagon response to hypoglycaemia during DPP-4 inhibition in elderly subjects with type 2 diabetes: A randomized, placebo-controlled study

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Arterial stiffness and incidence of diabetes: A population-based cohort study

Muhammad, I. F., Borné, Y., Östling, G., Kennbäck, C., Gottsäter, M., Persson, M., Nilsson, P. M. & Engström, G., 2017 Dec 1, In: Diabetes Care. 40, 12, p. 1739-1745 7 p.

Cadmium, carotid atherosclerosis, and incidence of ischemic stroke

Borné, Y., Fagerberg, B., Persson, M., Östling, G., Söderholm, M., Hedblad, B., Sallsten, G., Barregard, L. & Engström, G., 2017 Dec 1, In: Journal of the American Heart Association. 6, 12, e006415.

Genetic determinants of growth hormone and GH-related phenotypes

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Acute phase proteins as prospective risk markers for arterial stiffness: The Malmö Diet and Cancer cohort

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Fasting levels of growth hormone are associated with carotid intima media thickness but are not affected by fluvastatin treatment

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Soluble Urokinase-type Plasminogen Activator Receptor (suPAR) and Impaired Kidney Function in the Population-based Malmö Diet and Cancer Study

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Cadmium exposure is associated with soluble urokinase plasminogen activator receptor, a circulating marker of inflammation and future cardiovascular disease

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Plasma variation and reproducibility of oxidized LDL-cholesterol and low-grade inflammation biomarkers among participants of the Malmö Diet and Cancer cohort

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Orosomucoid, carotid plaque, and incidence of stroke

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Increased Levels of Copeptin, a Surrogate Marker of Arginine Vasopressin, Are Associated with an Increased Risk of Chronic Kidney Disease in a General Population

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Awards

Undersöka förändringar i riskfaktorer över tid i två kohorter, MKC-CV och SCAPIS-Malmö, samt vad dessa förändringar har för effekt på sub-kliniska mått och inflammationsmarkörer

Persson, M. (PI)

Ernhold Lundströms stiftelse: SEK50,000.00