

Employment

Associate professor

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

Associate professor

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

Research outputs

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

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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. & 6 others, Swahn, E., Söderberg, S., Torén, K., Östgren, C. J., Lampa, E. & Lind, L., 2023, In: *Atherosclerosis*. 373, p. 46-54 23 p.

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 biolmage 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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Cardiovagal Function Measured by the Deep Breathing Test: Relationships With Coronary Atherosclerosis

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Comparison of risk factors for ischemic stroke and coronary events in a population-based cohort

Muhammad, I. F., Borné, Y., Zaigham, S., Söderholm, M., Johnson, L., hospital, S., Melander, O. & Engström, G., 2021 Nov 12, In: BMC Cardiovascular Disorders. 21, 1, 536.

Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population

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Circulating levels of growth hormone in postural orthostatic tachycardia syndrome

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Östgren, C. J., Söderberg, S., Festin, K., Angerås, O., Bergström, G., Blomberg, A., Brandberg, J., Cederlund, K., Eliasson, M., Engström, G., Erlinge, D., Fagman, E., Hagström, E., Lind, L., Mannila, M., Nilsson, U., Oldgren, J., Ostfeld, E., Persson, A. & Persson, J. & 6 others, Persson, M., Rosengren, A., Sundström, J., Swahn, E., Engvall, J. E. & Jernberg, T., 2021 Mar 1, In: European Journal of Preventive Cardiology. 28, 3, p. 250-259 10 p.

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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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Carotid-Femoral Pulse Transit Time Variability Predicted Mortality and Improved Risk Stratification in the Elderly

An, D.-W., Muhammad, I. F., Li, M.-X., Borné, Y., Sheng, C.-S., Persson, M., Cai, R.-Z., Guo, Q.-H., Wang, J.-G., Engström, G., Li, Y. & Nilsson, P. M., 2021, In: *Hypertension*. 78, 5, p. 1287-1295 9 p.

Copeptin as a marker of atherosclerosis and arteriosclerosis

Schill, F., Persson, M., Engström, G., Melander, O. & Enhörning, S., 2021, In: *Atherosclerosis*. 338, p. 64-68

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

Zaigham, S., Östgren, C.-J., Persson, M., Muhammad, I. F., Nilsson, P. M., Wollmer, P., Engvall, J. & Engström, G., 2021, In: *Respiratory Medicine*. 185, 106504.

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

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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

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Measures of lung function and their relationship with advanced glycation end-products

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Weight gain and blood pressure

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Heart rate and premature atrial contractions at 24hECG independently predict atrial fibrillation in a population-based study

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Blood cadmium concentration and risk of subarachnoid haemorrhage

Söderholm, M., Borné, Y., Hedblad, B., Persson, M., Barregard, L. & Engström, G., 2020 Jan, In: *Environmental Research*. 180, p. 108826

Serum Activity Against G Protein-Coupled Receptors and Severity of Orthostatic Symptoms in Postural Orthostatic Tachycardia Syndrome

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The Swedish SPinal Cord Injury Study on Cardiopulmonary and Autonomic Impairment (SPICA): Methodology, Cohort Demographics and Initial Results

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Water Supplementation Reduces Copeptin and Plasma Glucose in Adults With High Copeptin: The H2O Metabolism Pilot Study

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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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Lp-PLA₂ activity and mass and CRP are associated with incident symptomatic peripheral arterial disease

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Complement C3 and incident hospitalization due to chronic kidney disease: a population-based cohort study

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Metformin is the key factor in elevated plasma growth differentiation factor-15 levels in type 2 diabetes: A nested, case-control study

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Elevated circulating effector memory T cells but similar levels of regulatory T cells in patients with type 2 diabetes mellitus and cardiovascular disease

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Midregional proadrenomedullin predicts reduced blood pressure and glucose elevation over time despite enhanced progression of obesity markers

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

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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.

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Eosinophil Cationic Protein, Carotid Plaque, and Incidence of Stroke

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

Muhammad, I. F., Borné, Y., Östling, G., Kennbäck, C., Gottsäter, M., Persson, M., Nilsson, P. M. & Engström, G., 2017 Jul 1, In: PLoS ONE. 12, 7, e0181718.

Lp-PLA₂ activity and mass for prediction of incident abdominal aortic aneurysms: A prospective longitudinal cohort study
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Circulating cadmium concentration and risk of aortic aneurysms: A nested case-control study within the Malmö Diet and Cancer cohort

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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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Association between renin and atherosclerotic burden in subjects with and without type 2 diabetes

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

Tasevska, I., Enhörning, S., Christensson, A., Persson, M., Nilsson, P. M. & Melander, O., 2016 Jul, In: *American Journal of Nephrology*. 44, 1, p. 22-28 7 p.

Genome wide association study identifies two loci associated with cadmium in erythrocytes among never-smokers

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Awards

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