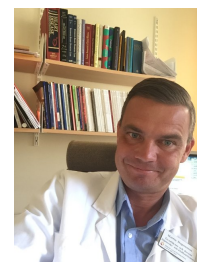


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Research

Martin Magnusson currently heads a research group of 7 people, two PhD students, two post docs and three research nurses. He has been main tutor for one completed PhD project "Metabolic actions of atrial natriuretic peptide". Martin Magnusson is the head (PI) of three major on-going prospective major research projects 1) Competence Centre Heart and Diabetes (CCHD), 2) SCAPIS sub-echocardiographic examination trail in Malmö and 3) Heart and Brain Failure Investigation study (HARVEST) and also part of the steering committee of the clinical project "Metabolic Health" Skåne University Hospital.

In 2017 Martin Magnusson was granted the prestigious "Research Space for young clinical scientists in Wallenberg Center for Molecular Medical Research at Lund University (WCMM LU) years 2017-2021 – regeneration and reparation in diabetes".

Martin Magnusson is a highly innovative and productive clinical scientists, with the majority of his publications in the US and European top journals, and represents one of Skåne University Hospitals future core group of young researchers, i.e. those who develop strong clinical activities relating to research of both direct clinical and but also of complex molecular, genetic and biological nature.

Qualifications

Specialist i invärtesmedicin 2003
Specialist i kardiologi sedan 2006

Employment

Physician, Adjunct professor

Cardiovascular Research - Hypertension
Lund University
Malmö, Sweden
2015 Sept 21 → present

Researcher

EpiHealth: Epidemiology for Health
Lund University
Malmö, Sweden
2012 Jan 1 → present

WCMM-Wallenberg Centre for Molecular Medicine

Lund University
Lund, Sweden
2019 Nov 8 → present

Extraordinary professor

North-West University
Potchefstroom, South Africa
2020 May 1 → 2023 May 1

Research output

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 Sept 3, In: *Cardiovascular Diabetology*. 23, 1, p. 330

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

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

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

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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., Vasani, R. S., Melander, O. & Wang, T. J., 2011, In: *The Journal of clinical endocrinology and metabolism*. 96, 10, p. 3242-3249

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

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Awards

The Heart and Brain Failure Investigation Study - HARVEST

Magnusson, M. (PI)

Crafoord Foundation: SEK400,000.00

2022/08/15 → 2023/06/30

Projects

Exploration of biomarkers in heart failure

Dieden, A. (Research student), Magnusson, M. (Supervisor), Jujic, A. (Assistant supervisor) & Gudmundsson, P. (Assistant supervisor)

2019/06/01 → ...

Hypertension and neurodegeneration - BP regulation, inflammation and beyond

Don-Doncow, N. (Researcher), Vanherle, L. (Research student), Meissner, A. (PI), Duarte, J. (PI) & Magnusson, M. (PI)

KHD: Kompetens centrum Hjärta och Diabetes - KHD

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

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. (Research student), Jujic, A. (Researcher) & Molvin, J. (Researcher)

Greta and Johan Kock Foundation, Ernhold Lundströms stiftelse, Crafoord Foundation, The Swedish Heart Lung Foundation

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

Arheden, H. (PI), Nilsson, A. (Research student), Steding Ehrenborg, K. (Researcher), Engblom, H. (Researcher), Smith, G. (Researcher), Magnusson, M. (Researcher), Heiberg, E. (Researcher), Ostenfeld, E. (Researcher) & Arvidsson, P. (Researcher)

The Swedish Heart Lung Foundation

2021/01/01 → ...

S1P signaling in experimental hypertension and associated target organ damage

Don-Doncow, N. (Researcher), Vanherle, L. (Research student), Matthes, F. (Researcher), 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. (Researcher), Nilsson, P. M. (Researcher), Kennbäck, C. (Project coordinator), Melander, O. (Researcher), Christensson, A. (Researcher), Engström, G. (Researcher), Löndahl, M. (Researcher), Lehti, L. (Researcher), Hedström, E. (Researcher), Arheden, H. (Researcher), Magnusson, M. (Researcher), Lyssenko, V. (Researcher), Ekström, O. (Researcher) & Jujic, A. (Researcher)

2022/03/01 → 2025/12/31

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

Zaghi, A. (Researcher), Magnusson, M. (Supervisor), Holm Isholth, H. (Assistant supervisor) & Jujic, A. (Assistant supervisor)

The Incretin system's Impact on Cardiovascular Risk and Cancer

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

2023/01/16 → ...

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

Molvin, J. (Research student) & Magnusson, M. (Supervisor)

Hulda och E Conrad Mossfelts Stiftelse, Maggie Stephens stiftelse

2015/02/02 → 2020/02/02