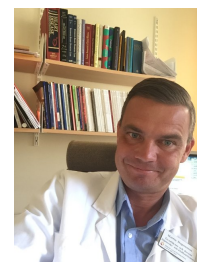


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Research

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

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
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2012 Jan 1 → present

WCMM-Wallenberg Centre for Molecular Medicine

Lund University
Lund, Sweden
2019 Nov 8 → present

Extraordinary professor

North-West University
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Research output

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, In: *Stress*. 28, 1, 2443980.

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

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

Yndigegn, T., Gu, T., Grufman, H., Erlinge, D., Mokhtari, A., Ekelund, U., Magnusson, M., Gustafsson, E., Nilsson, J., Goncalves, I. & Schioppa, A., 2024, In: *ESC Heart Failure*. 11, 6, p. 4325-4334

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

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Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population

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

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

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

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Awards

Selenium Intervention Pilot and Feasibility Study in Heart Failure (SIP-HF)

Magnusson, M. (PI)

Swedish Research Council: SEK1,134,720.00

2025/01/01 → 2026/12/31

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), Nelsson, A. (Research student), Steding Ehrenborg, K. (Researcher), Engblom, H. (Researcher), Smith, G. (Researcher), Magnusson, M. (Researcher), Heiberg, E. (Researcher), Ostfeld, 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), Lysenko, 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

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

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

Hulda och E Conrad Mossfelts Stiftelse, Maggie Stephens stiftelse

2015/02/02 → 2020/02/02