LARS EDVINSSON, MD, DMSci, Professor

Areas of Expertise

Professor Edvinsson is leading expert in the field of cerebral circulation. He is world-recognized for his work on vascular innervation and receptor regulation. His extensive research has been a major contributor to what is known about the roles of the cerebral vasculature in health and diseases such as stroke and primary headaches.

Method Expertise: Immunohistochemistry, qPCR, Western blot, molecular biology of cell signaling, mRNA arrays, proteomics, cell and organ cultures, animal models for acute stroke and acute myocardial infarcts, pharmacology and treatment methods, string myography and perfusion myography for receptor and functional studies of isolated blood vessels.

Education/Training

University of Lund, Sweden

1975	Ph.D.
1980	M.D.
1985	Specialist in Clinical Pharmacology
1988	Specialist in Internal Medicine

Positions and Employment

University of Copenhagen, Denmark

2007-ongoing	Director and founder, Glostrup Research Institute, Copenhagen University Hospital (50%).
1997-ongoing	Chairman, Dept. Experimental Clinical Research, Glostrup Research Institute
2011-2018	Director, Center of Excellence in Stroke Research (supported by Lundbeck Foundation), Copenhagen University, Glostrup Research Institute
2008-ongoing	Professor in Receptor Regulation in Cerebrovascular and Cardiovascular Diseases, Faculty of Health and Medical Sciences

University of Lund, Sweden

2002-ongoing	Professor in Internal Medicine, Faculty of Medicine, and senior consultant in internal medicine, University Hospital SUS Lund (50%).
1985-	Director, Experimental Vascular Research Laboratory, Biomedical Center
1988-	Specialist in Internal Medicine, Lund University Hospital
2009-ongoing	Member, Human Ethics Committee (Etikprövningsmyndigheten)
1996-2002	Associate Professor in Internal Medicine
1988-1996	Lecturer, University of Lund
1983-2003	Vice-Chair, Member, Animal Ethics Committee, Lund University

Adjunct Positions

2004-	Adjunct Professor, Basic and Translational Research Institute, Xian University, Xian, China
1990-	Adjunct Professor in Pharmacology, Southern Illinois University, Illinois, USA
1990-1995	Professor II in Neuroscience (20%), Trondheim University, Norway

Honors and Awards

2014-2019	Elected Trustee, Director and President, International Headache Society
2013-	Member, Steering Board, European Headache Federation
2013	Honorary Doctorate, University of Xián, China

2012	Lifetime Achievement Award, American Headache Society
2012	Honorary Doctorate, University of Szeged, Hungary
2008-	Bland Lane International Distinguished Professor Award, FAMRI, USA
2002-`	Honorary Fellow, British Pharmacology Society
1985-	Honorary Fellow, Stroke Council, American Heart Association

Professional Recognition

Over the last 3 decades, Dr. Edvinsson has been invited yearly to international congresses and meetings as well as to universities worldwide to give lectures and keynote presentations. He was recognized by American headache leaders with a Lifetime Achievement Award for Research (Boston, 2012).

Received an Honorary Doctorates from Szeged University, Hungary (2012) and from Xián University, China (2013).

- Over 1000 peer-reviewed research publications.
- 128 book chapters.
- Over 200 international scientific lectures as invited/key-note speaker.
- Member numerous scientific society boards and organizer of symposia and meetings throughout career. Now LE is president for the International Headache Congress, Dublin Sept. 2019.

Research Management and Team Leader Experience

I started as a team leader in 1976 with first PhD students. In 1980 he got his first laboratory at the University Hospital in Lund which was supported by the Swedish Research Council and the Heart and Lung Foundation ever since then. This was expanded in 1985 to several laboratories and offices located at the Experimental Department, Lund University, and moved to the Biomedical Center (BMC) when it opened in 2000; this is the current laboratory in Lund. In parallel I was responsible for organizing and building the Glostrup Research Park in Copenhagen which opened under my leadership in 2007 and has been chaired by me since then.

Research Student Mentoring

1978- Supervisor for 75 PhD and 20 Masters Students (graduated). Presently there is 5 PhD Students in progress at University of Copenhagen and University of Lund.

Evaluator of over 40 Masters, PhD and DMSci theses in Denmark and internationally

Supervisor for over 25 postdoctoral students from Denmark and recruited internationally (Sweden, England, Scotland, France, Hungary, USA, Canada, Mexico, Chile, Japan, China, Pakistan, India)

Bibliometry

H-index = 97
Number of published peer reviewed papers; n=1060
Citations in total; 46666
Citations latest 20 years per year >1500/year