



2012 BOARD OF DIRECTORS ELECTION NAS NOMINEE



Dr. Jan-Åke Gustafsson

Robert A. Welch Professor

**Director, Center for Nuclear Receptors and
Cell Signaling**

University of Houston

Dr. Jan-Åke Gustafsson's research interests focus around nuclear receptors, transcription factors of immense implications in physiology and pathology. He has been active in this field for more than forty years. Dr. Gustafsson started his career at the Karolinska Institutet in Stockholm, Sweden, where he made several pioneering contributions to the understanding of the mechanism of action of the glucocorticoid receptor. He then shifted his interest to other members of the nuclear receptor superfamily and discovered two novel receptors, liver X receptor β and estrogen receptor β . He is currently investigating the role of these receptors in health and disease.

At the Karolinska Institutet, Dr. Gustafsson has been very active in building up basic science at the Institute's South Campus in Huddinge and started three research centers at this campus. In 1987 he cofounded KaroBio, a South Campus based biotech company. These four entities constituted the origin of Novum Research Park in Huddinge. Dr. Gustafsson was recently awarded the Grand Silver Medal for his achievements at the Karolinska Institutet.

In 2009 Dr. Gustafsson was appointed Director of the Center for Nuclear Receptors and Cell Signaling at the University of Houston, Houston, Texas. He moved a large part of his research group from Stockholm to Houston and is very engaged in UH President Rene Khator's Health Initiative strategy as a means to further establish UH as a Top Tier University.

Education: Ph.D., Dept of Chemistry, Karolinska Institutet, 1968
M.D., Karolinska Institutet, 1971

Career/Academic Appointments:

1976 Professor of Chemistry, Karolinska Institutet
1979 Professor of Medical Nutrition and Chairman of the Dept. of Medical Nutrition, Huddinge University Hospital, Karolinska Institutet
2006-2008 Professor of Medical Nutrition and Chairman of the Dept of Biosciences and Nutrition, Karolinska Institutet
2009- Professor of Medical Nutrition, Karolinska Institutet (20%)
Robert A. Welch Professor of Department of Biology and Biochemistry and Director of Center for Nuclear Receptors and Cell Signaling, University of Houston, Houston, Texas (80%)
2009- Senior Member, The Methodist Hospital Research Institute, Houston, Texas
2010- Adjunct Professor, Molecular and Cellular Oncology, The University of Texas M.D. Anderson Cancer Center, Houston, Texas

Administrative Positions:

1985 Director of the Center for Biotechnology, Huddinge University Hospital, Karolinska Institutet
1987 Founder of KaroBio AB (a campus-situated biotechnology company sponsored by pension and governmental funds with about 80 employees)
2004-2009 Coordinator for the EU funded CASCADE Network of Excellence

Professional Honors & Recognition

A) International/National/Regional

2009 The Grand Nordic Fernström Prize of the University of Lund
2009 Award of Merit, Princess Takamatsu Cancer Research Fund
2009 Geoffrey Harris Prize
2008 International Member American Philosophical Society
2004 Bristol-Meyers Squibb/Mead Johnson Award for Nutrition Research
2002 Foreign Honorary Member of the US National Academy of Sciences
2002 Chairman of the Nobel Assembly of the Karolinska Institutet
2002 Fred Conrad Koch Award (Endocrine Society USA)
2000 Foreign Honorary Member of the American Academy of Arts and Sciences
1999 Fogarty Scholar NIH
1998 Adjunct Member of the Nobel Committee of the Karolinska Institutet
1998 The Söderberg Prize in Medicine
1998 Member of the Swedish Academy of Engineering Sciences
1997 Member of the Swedish Academy of Sciences
1994 Gregory Pincus Medal and Award, Worcester Foundation
1992 The Anders Jahre Prize, Oslo
1992 Medal from Collège de France, Paris
1990 Honorary Member of the American Society for Biochemistry and Molecular Biology
1986 Honorary Member of the Japanese Biochemical Society
1986 Member of the Nobel Assembly of the Karolinska Institutet
1983 The Fernström Prize of the Karolinska Institutet
1982 The Svedberg Prize in Chemistry, Stockholm

B) University

- 2011 Honorary Doctor in Medicine, University of Turku, Turku, Finland
2008 Honorary Professor at the Beijing Normal University
2008 Honorary Doctorate in Medicinal and Pharmaceutical Chemistry, University of Milan
2007 Honorary Professor at the University of Chongquin, China

Journal Service:

Member, currently and/or previously, of the editorial board or similar position in Steroids, The Journal of Steroid Biochemistry and Molecular Biology, Molecular Endocrinology, Breast Cancer Research and Treatment, The Prostate, Anticancer Research, Japanese Journal of Cancer Research, Journal of Molecular Medicine, Molecular Pharmacology, Cell Metabolism, Experimental Biology and Medicine and the International Journal of Oncology.

Board Certification:

Elected Councilor/Board Member of the Swedish Medical Research Council during the 1990s (for 6 years)

Member of the Research Board of the Swedish Cancer Society during the 1980s and 1990s (for 6 years)

Member of the Research Board of the Swedish Council for Planning and Coordination of Research during the 1980s and 1990s (for 6 years)

Has been member of the Faculty Board of the Karolinska Institutet and has regularly carried out various assignments for the President's Office of the Karolinska Institutet

Awards Committee Member, Endocrine Society, USA, 2002-06

Elected Member of Council (Board) of Endocrine Society, USA, 2007 - 2010

Other Activities:

Has participated in the supervision of 103 Ph.D. students to the presentation of their thesis

Has supervised 139 postdocs/visiting scientists

Has 1406 peer-reviewed publications. Can be sent upon request.

Has so far been cited 71,568 times (ISI HighlyCited.Com)

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