

Curriculum vitae

Pam Fredman

Born May 13th, 1950, in Göteborg, Sweden

Married , 2 daughters and one son (born 1976, 1986 and 1988, respectively)

- 1979 **Ph.D.**, University of Gothenburg, sept 29, 1979. Title of thesis "Structure and Function of Gangliosides".
- 1981 **Assistant Professor (docent)** in Neurochemistry, Faculty of Medicine, University of Gothenburg, 1981.
- 1997 **Professor** in Neurochemistry from May 1st, Dept Clinical Neuroscience, The Sahlgrenska Academy at University of Gothenburg

Positions

Current

2006- **Vice Chancellor** at University of Gothenburg (1st July)

other

- 2006- Member of the board of the Associations of Swedish Higher Educations, SUHF
- 2008- Chairman of the board of the Associations of Swedish Higher Educations, SUHF
- 2008- Council member of European University Association EUA
- 2009- Member of the EUA Research Policy Working Group, RPWG
- 2010- Chair of the Nordic University Association, NUS

Previous

- 1997- **Professor** at the Institute of Clinical Neuroscience, dept. of Psychiatry and Neurochemistry, University of Gothenburg.
- 1994-1997 **Associate professor** at the Institute of Clinical Neuroscience, dept. of Psychiatry and Neurochemistry, University of Gothenburg, Gothenburg.
- 1988-1994 **Research position at the Swedish Medical Research Council**
- 1983-1988 **Research assistant** at Dept of Psychiatry and Neurochemistry, Medical Faculty , University of Gothenburg.
- 1982-1983 **Post doc**, at National Institute of Arthritis, Metabolism and Digestive Diseases, National Institutes of Health, Bethesda, Maryland, Head:Dr. Victor Ginsburg
- 1980-1982 **Research assistant** at Dept. of Psychiatry and Neurochemistry, Medical Faculty
- 1974-1980 Employed as **engineer** at Dept of Psychiatry and Neurochemistry, Medical Faculty, University of Gothenburg.

Official University Commissions

- 1995-1997 Head of the Institute of Clinical Neuroscience, Medical Faculty, University of Gothenburg.
- 1997-1999 Vice dean at the medical faculty in Gothenburg.
- 1996- Chairman for the board of Bioscience at University of Gothenburg.
- 2003-2004 Head of the Sahlgrenska Academy at University of Gothenburg.
- 2001-2003 Pro-preses at the Sahlgrenska Academy at University of Gothenburg.

Tutor PhD students

- Olle Nilsson Thesis defended 1982
- Pia Davidsson Thesis defended 1989
- Johan Gottfries Thesis defended 1990
- Jonas Bergqvist Thesis defended 1996
- Kristina Hedberg Thesis defended 2001
- Zarah Pernber Thesis defended 2002
- Marie Molander-Melin Thesis defended 2003
- Maria Blomqvist Thesis defended 2003
- Camilla Hesse, thesis defended 1999
- Catarina Nygren mars 2004, KI
- Anna_maria Nilslid 2005
- Kina Höglund, 2006

Scientific activities

- 2007- Member of IVA, Kungliga ingenjörsvetenskapsakademin
- 1996-2000 Member of the priority committee for “LUA” (research grants) grants at University of Gothenburg.
- 1996-2001 President of ESN
- 1992-2001 Council member of the ESN, European Society of Neurochemistry.
- 1995-1996 Treasurer of ESN
- 1996-2001 Member (as president for ESN) of the board of the Federation of European Neuroscience Societies (FENS).
- 1995-1999 Council member of the ISN (International Society of Neurochemistry)
- 1995-1999 Responsible and reviewer of new member applications to ISN
- 1999-2003 Member of the board of the Swedish Medical Research Council and later Swedish Research council, medicin
- 1995- Member of grant review committee the Swedish Research Council-medicin
- 1996-1999 Member of the scientific board of “hjärnfonden
- 1997- Member of the board for the National Network for neuroscience (SSF-program)

Editorial and referee assignments

- 1993- Editorial Board of Journal of Neurochemistry.
- 1997-2006 Editorial board of J Neuroscience Research
- Served as referee for scientific journals such as, Biochemical Journal; Cancer

Research; J Biological Chemistry ; Neurology; Neurochemical
International; Trends in cell biology; Acta neurologica Scandinavia

Scientific program committees

- Member of the International Programme Committee for the ISN Meeting in Kyoto, Japan, 1995.
- Secretary of the organising committee of the Scandinavian Glioma Group Meeting in Göteborg 1995
- Member of the International Programme Committee for the ESN meeting in Groningen , Netherlands 1996
- Member of the International Programme Committee for the ISN meeting in St Petersburg, 1998
- Member of the International Programme Committee for the joint ISN/ESN meeting in Berlin 1999
- Program committee for international meeting on Neuroglycobiology in Taipei, Taiwan 2004.
- Program committee for international meeting in Antigua dec 2006

Honours and awards

1982	ESN Young Honorary Lecturer 1982
1994	Fernström award for young promising researchers

Patents/Innovations

Area: **Brain tumour markers**. In collaboration with Prof. Darrel Bigner, Duke University, Durham, USA, my research group identified brain tumour associated antigens, glycosphingolipids, and produced monoclonal antibodies to some of these. Patents were registered at Duke University. During three years Burrows Wellcome sponsored further development of the antibodies aiming to use these in brain tumour treatment. The project has restarted two years ago.

Area: **Diabetes** . Together with Prof, Karsten Buschard I have a number of patents related to the potential of using sulfatide (glycosphingolipid) as a target molecule in diabetes, as antigen for vaccination of diabetes type 1, and as a molecule for prevention of the development of diabetes type 2. Right now no further development is undergoing.