

CURRICULUM VITAE BJÖRN DAHLBÄCK (born July 12, 1949)

Education and Academic training:

Medical School at the University of Lund, Sweden, MD 1974.

Doctor of Medical Sciences (M.D., Ph.D.), University of Lund, Sweden, May 1981.

Specialist in Clinical Chemistry, 1982.

Docent (associated professor) in Clinical Chemistry 1983.

Specialist in blood coagulation disorders, September 1987.

Professional Record:

Sweden:

Internship at Malmö General Hospital 1974-1976. Licensed 1976.

Assistant Physician, Dept. of Medicine, Malmö General Hospital, 1976 - 1977

Research Associate and Assistant Physician, Dept. of Clinical Chemistry, Malmö General Hospital, 1977-1982.

Assistant Professor in Clinical Chemistry, University of Lund, Malmö, Sweden, 1983-1985

Associated Professor in Clinical Chemistry, University of Lund, Malmö Sweden, 1986-1989 Consultant physician at Department of Coagulation Disorders January 1986-89.

Professor in Blood Coagulation Research, University of Lund, Malmö, Sweden 1989 – since April 1991 in combination with position as senior physician at the Coagulation laboratory, Malmö Sweden.

USA:

National Institute of Health International Postdoctoral Fellow at Department of Immunology, Scripps Clinic and Research Foundation, LaJolla, Ca. July 1982- July 1983.

Greenberg scholar at Oklahoma Medical Research Foundation, March-August, 1990.

Memberships:

The Swedish Society of Medicine; The Swedish Medical Association; The International Society on Thrombosis and Haemostasis; The New York Academy of Science; The Swedish Society for Clinical Chemistry; The Swedish Royal Academy of Science; Honorary Member of the American Society of Hematology; The Royal Physiographic Society in Lund

Member of Editorial board:

Thrombosis and Haemostasis 1986 – 1999; Thrombosis Research 1993-1996; Biochemical Journal 1994-1999; Annals of Hematology 1993-; Haematologica 1996-; International Journal of Hematology 1998-; Blood Coagulation and Fibrinolysis 2000-; Arteriosclerosis Thrombosis and Vascular Biology 2001-2012; European Journal of Haematology 2008; Journal of Thrombosis and Haemostasis 2006-; Journal of Innate Immunity 2008-; European Journal of Haematology 2009-

Supervised Ph.D. students:

1. Karin Dahlbäck M.D., Ph.D. 1989 "Vitronectin in the skin"
2. Johan Malm M.D., Ph.D. 1990 "Protein S. Clinical and biochemical studies"
3. Andreas Hillarp Ph.D. 1990 "Human C4b-binding protein."
4. Xuhua He M.D., Ph.D. 1995 "Vitamin K-dependent anticoagulant protein S"
5. Björn Arnljots M.D., Ph.D. 1995 "On prevention of microarterial thrombosis. Role of protein C and protein S and thrombin inhibition"
6. Bengt Zöller M.D., Ph.D. 1996 "Familial thrombophilia. Resistance to activated protein C and protein S deficiency"
7. Ylva Härdig Ph.D. 1996 "C4b-binding protein. Studies on its interactions with C4b, protein S and serum amyloid P component"
8. Peter J. Svensson M.D., Ph.D. 1997 "Resistance to activated protein C. A novel risk factor for venous thrombosis"
9. Anette Thern Ph.D. 1998 "Interaction between *Streptococcus Pyogenes* and the human immune system"
10. Elisabeth Thorelli, Ph.D. 1998 "Pro- and anticoagulant activities of factor V"
11. Lei Shen, M.D., Ph.D. 1999 "Anticoagulant protein C. Structure and functional studies"

12. Pelle Lindqvist, M.D., Ph.D. 1999 "Risk estimation and prediction of preeclampsia, IUGR, and thrombosis in pregnancy"
13. Petra Evenäs, Ph.D. 2000 "Protein interactions involving the laminin G-type domains of vitamin K-dependent protein S"
14. Tusar Giri, M.D., Ph.D. 2000 "Structural pathology and functional analysis of vitamin K-dependent protein S"
15. Joanna Webb Ph.D. 2002 "C4b-binding protein, identification of binding sites and a possible function of the interaction with protein S"
16. Eva Norström Ph.D. 2003 "The regulation of factor Va activity by activated protein C; importance of the individual activated protein C cleavage sites in factor Va"
17. Mårten Steen Ph.D. 2003 "Structural and functional studies of factor V in health and disease"
18. Karl Malm M.D., Ph.D. 2004 "Antithrombotic effects of activated protein C and heparins in deep arterial injury" (shared supervisorship)
19. Lena Kask Ph.D. 2004 "Structural and functional studies of C4b-binding protein (C4BP) (main supervisor first two years thereafter supporting supervisor)"
20. Yong-Hui Lily Sun M.D., Ph.D. 2004 "Anticoagulant protein C: structure-functional studies of the Gla-domain"
21. Kirsten Faber Ph.D. 2005 "ApoM, structural and functional studies of a novel apolipoprotein in mice"
22. Kristoffer Winther Sørensen Ph.D. 2005 "Synthesis, Function and Inactivation of Blood Coagulation Factor V"
23. Jonas Stenhoff Ph.D. 2007 "Structural and functional studies of Gas6"
24. Olof Axler M.D., Ph.D. 2008 "Apolipoprotein M"
25. Josefín Ahnström Ph.D. 2009 "Apolipoprotein M, Studies of Structure and Function"
26. Anna Gustafsson Ph.D. 2009 "A multifaceted study of the receptor tyrosine kinase Axl with focus on renal cell carcinoma"
27. Cecilia Oslakovic Ph.D. 2010 "The regulation of blood coagulation by high-density lipoprotein particles"
28. Carl Ekman Ph.D. 2010 "The soluble form of the Axl receptor tyrosine kinase"
29. Sofia Somajo Ph.D. 2008- "Vitamin K-dependent protein S; synthesis, structure and function"
30. Lina Ekdahl M.D., Ph.D. 2009- "Pro- and anticoagulant properties of human coagulation factor V"
31. Helena Fritz Ph.D. 2010 - "The role of the Gas6/Axl system for regulation of cellular functions"
32. Cecilia Frej Ph.D. 2012 – "The role of apolipoprotein M – sphingosine-1-phosphate interaction for regulation of cellular functions"

Supervised postdoctoral fellows:

1. Andreas Hillarp, 1992-1995; PhD from Lund University, Sweden
2. Pablo Garcia de Frutos, 1992-2001; PhD from Barcelona, Spain
3. Cristina Aparicio, 1994-1998; PhD from Barcelona, Spain
4. Ning Xu, 1996-2000; MD from China, PhD from Lund University
5. Bruno Villoutreix, 1996-2000; PhD Los Angeles, USA
6. Anna Blom, 1998-2004; PhD from Uppsala, Sweden
7. Gerry Nicolaes, 1998-2000; PhD from Maastricht, The Netherlands
8. Sassan Hafizi, 1998-2005; PhD from London, England
9. Tomio Yamazaki, 1998-2003, MD, PhD from Nagoya, Japan
10. Ute Friedrich, 1996-2000; PhD from Bad Nauheim, Germany
11. Istvan Balogh, 2001-2003; PhD from Debrecen Hungary
12. Eva Ajzner, 2001-2003; MD, PhD from Debrecen Hungary
13. Lars Bo Nielsen, 2001-2002; MD, PhD from Copenhagen, Denmark.
14. Maria Håkansson, 2001-2003; PhD from Lund University
15. Danuta Martuszevska, 2006-2009 ; PhD from Krakow, Poland
16. Michael Krisinger, 2007-2009 ; PhD from Vancouver, Canada
17. Eva Norström, 2008 – MD, PhD from Malmö, Sweden.

18. Jun Wu, 2009- 2010, MD from Beijing, China
19. Sunil Bumarahally Kumaraswamy, 2009- Ph.D. from Mysore, India
20. Hiromi Okada, 2011-2013 Ph.D. from Nagoya, Japan
21. Andreas Holmér, 2011- Ph.D. from Lund University
22. Anna Gustafson, 2012- Ph.D. from Lund University
23. Kaisa Otteby, 2012 – Ph.D. from Lund University

Awards:

Astrup Legat, (third prize) 1984; Odd Fellow award for younger medical researchers, 1984; Astrup Legat, (first prize) 1988; Eric K. Fernström's Award for younger researchers 1988; The Greenberg Visiting Scholarship, Oklahoma Medical Research Foundation, 1990; The Ham-Wassermann lecture award, 1994; Principal Investigators Award from The International Society of Thrombosis and Haemostasis, 1995; The Göran Gustafsson's Prize, 1995; Louis Jeantet Prix de Médecine, 1996; Söderberg's Prize in Medicine, 1996; Dameshek Prize given by American Society of Hematology, 1997; Clement Finch Visiting Professor at Department of Hematology Seattle, October 1997; Distinguished Career Award from the International Society of Thrombosis and Hemostasis, 1999; Balfour visiting professor at Mayo Clinic, 2000; "Outstanding achievements in Laboratory Medicine", award from Österreichischen Gesellschaften für Klinische Chemie und Laboratoriumsmedizin, 2002; Lars Werkö prize in medicine, 2003; Engeström's Gold medal, Royal Physiographic Society, Lund 2008

Publications:

305 original publications, 99 reviews, ≈22.000 citations, H-index 75.

Research Support (most important grants):

Swedish Research Council: "Regulation of endothelial cell inflammatory response by blood coagulation and lipoprotein systems"

Cancer Foundation "The Role of the Gas6/Axl pathway in cancer"

Söderberg's Foundation "Regulation of endothelial cell inflammation by blood coagulation and lipoprotein systems"

Heart-Lung Foundation "Regulation of endothelial cell inflammation by blood coagulation and lipoprotein systems"