

## CURRICULUM VITAE

### Bengt G. Gerdin



Name: BENGT Gösta Gerdin  
Date of birth: August 14, 1947  
Place of birth: Köping, Sweden  
Sex: Male  
Citizenship: Swedish  
Marital status: Married to Professor Lisa Karin Elisabeth Ekselius, MD, PhD  
Family: Lisa, one own child; Viktor, born 1985 and Lisa's daughter Elsa, born 1987.  
Private address: Tegnérgatan 12, S-752 27 Uppsala, Sweden  
Private phone: +46 18 50 16 72, +46 18 51 27 90, +46 706 334339  
Business address: Department of Plastic Surgery, University Hospital, SE-751 85 Uppsala  
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#### Education

1966 High school graduation, Karlbergsskolan, Köping, Sweden  
1970 Cand. Med., Medical Faculty, Uppsala University, Sweden  
1974 Examined Physician, Medical Faculty, Uppsala University, Sweden  
1979 Ph.D thesis, Dept of Forensic Medicine, Uppsala University, Uppsala, Sweden  
1980 State authorization to work as a physician  
1987 Qualification as a specialist in general surgery by The National Swedish Board of Health and Welfare

#### Military service

1976-1991 Member of the Swedish Army Medical Corps  
1976-1983 Lieutenant  
1983-present Captain

#### Positions held (scientific):

1970	Amanuensis	Dept of Physiology and Dept of Medical Chemistry, Medical Faculty, Uppsala University
1970-1971	Amanuensis	Dept of Forensic Medicine, Medical Faculty, Uppsala University
1973-1979	Amanuensis/ Research assistant	Dept of Pathology, Medical Faculty, Uppsala University
1980-1985	Associate Professor	Dept of Forensic Medicine, Medical Faculty, Uppsala University
1980-1984	Scientist/ senior scientist	Dept of Experimental Medicine, Pharmacia AB, Uppsala
1985-1994	Associate professor	Dept of General Surgery, University Hospital, Uppsala
1985-1987	Head	Dept of Experimental Medicine, Pharmacia AB, Uppsala
19989-1994	Senior lecturer, member of faculty	Dept of Surgery, University Hospital, Uppsala
1994-present	Professor (Burn and Intensive Care), member of faculty	Burn Center, Department of Plastic Surgery, University Hospital, Uppsala

#### Positions held (professional):

1973-1979	Associate physician (part time)	Dept of Forensic Medicine, Uppsala University
1980-1989	Registrar/Senior registrar	Dept of Surgery, University Hospital, Uppsala
1989-1994	Consultant	Dept of Surgery, University Hospital, Uppsala
1994-present	Consultant, head	Burn Center, Department of Plastic Surgery, University Hospital, Uppsala
2002-2005	Chief of Staff	Department of Plastic Surgery, University Hospital, Uppsala

### Faculty positions

1989-1994	Director of Studies, Graduate course in Surgery
1993-1996	Member of the Faculty Board of Medical Education
1996-2000	Dean of Education, Faculty of Medicine
1996-2000	Member of the Faculty Board and the faculty committee for economy and long term priorities
1999-2005	Member of the Medical Subcommittee, Faculty of Medicine
2008-present	Member of the Committee for Recruitment of Faculty Members, Faculty of Medicine

### Previous and current scientific interests

- # Posttraumatic, renal and pulmonary insufficiency
- # Microcirculatory disturbances and mediators involved in ischemia and inflammation
- # Free radicals in medicine and biology
- # Tissue repair mechanisms and their role in chronic inflammatory conditions, wound healing (incl. burn injury) and tumor growth
- # Rehabilitation after burn injury

### Societies

1966-	The Society for Physicians in Uppsala
1974-	Swedish Medical Association
1977-	The Swedish Society of Medicine
1980-2000	Nordic Microcirculation Group
1983-1995	The Society for Free Radical Research
1987-	The Swedish Society for General Surgery
1987-1994	Societe International de Chirurgie (SIC-ISC)
1989-1994	Scientific Secretary and member of the board, Swedish Society for General Surgery
1994-	Swedish Society for Plastic Surgery
1994-	International Society for Burn Injuries
1994-	European Burn Association
1995-	European Tissue Repair Society
2001-	American Burn Association

### Publications and presentations

More than 300 publications, whereof 206 are original publications indexed at PubMed. Separate publication list is available.

### Supervisor for Ph.D. thesis

Claes Lundberg	The Inflammatory Reaction in Healing Wounds. An Experimental Study in the Rat; 1983.
Håkan Sandler	Thrombin induced microembolism in the rat. Pathogenetic studies; 1985.
Bjarne Grøgaard	Cerebral Ischemia in the Rat. Studies on Peripheral and Cerebral Circulatory Disturbances; 1986.
Lena Lebel	Turnover of circulating hyaluronan; 1989
Anders Holtz	Spinal cord compression injury. An experimental study in the rat with special reference to effects on spinal cord circulation; 1989.
Jonas Wadström	Studies on traumatic vasospasm in the central ear artery of the rabbit; 1990
Lars Hagberg	Hyaluronan in flexor tendon surgery; Clinical and experimental studies on the development of restrictive adhesions within the tendon sheath; 1991
Alkwin Wanders	Drug modified rejection of rat cardiac allografts; 1991
Johan Wallander	Small bowel transplantation; 1991
Gudrun Lindmark	Perioperative predictors of tumor stage and prognosis in colorectal

	carcinoma; 1992
Christina Reuterdaahl	Studies of Platelet-derived Growth Factor (PDGF) B-chain and PDGF beta-receptors in rheumatoid arthritis and wound healing; 1994.
Yngve Raab	Inflammatory mediators in ulcerative colitis; 1994.
Christian Sundberg	Connective tissue activation in human colorectal adenocarcinoma. Roles of pericytes, PDGF and $\alpha_1$ integrins; 1996
Staffan Jahnson	Anastomotic healing in rat small intestine with chronic radiation damage; 1996
Mikael Ivarsson	Type I collagen synthesis in connective tissues: Studies on cultured cells and tissues; 1996.
Stephan Wilbrand	Studies on Dupuytren's contracture; 2002
Mimmie Willebrand	Coping, personality and cognitive processes in burn injured patients; 2003
Morten Kildal	Perceived physical and psychological outcome after severe burn injury; 2003
Daniel Nowinski	Regulation of fibroblast activity by keratinocytes; 2005
Johan Dyster-Aas	Psychiatric history and adaptation in burn injured patients; 2006
Aili Low	It's not just a burn. Physical and psychological problems after burns; 2007
Bertil Vinnars	Scaphoid fractures, 2008
Björn Wikehult	Use of health care, perceived health and patient satisfaction in patients with burns, 2008

### Current PhD-students

Malin Hakelius	Differential effect of keratinocyte phenotypes on interstitial cells
Elizabeth Kiwanuka	Keratinocyte - fibroblast interactions <i>in vivo</i>
Andreas Lindahl	Stress Response after Burns

### Research Associates

1977-1980	Makonnen Belew, Dept of Biochemistry, Univ. of Uppsala
1977-1978	Jerker Porath, Dept of Biochemistry, Univ. of Uppsala
1978-1980	Ulf Ragnarsson, Peptide Synthesis Laboratory, Dept of Biochemistry, Univ. of Uppsala
1977-1980	Maria Kopec, Dept of Radiobiology, Univ. of Warshaw, Poland
1978	Jyrki Raekallio, Dept of Forensic Medicine, Univ. of Åbo, Finland
1978	Erik Svensjö, Dept of Experimental Medicine, Pharmacia AB, Uppsala
1980-1995	Jan Modig, Dept of Anaesthesia and Intensive Care, Univ. of Uppsala
1980-1981	Michael Schoenberg, Dept of Surgery, Univ of Ulm, Germany
1983-1985	Peter Safar, Resuscitation Center, Univ. of Pittsburgh, USA
1982-1995	Matti Laato, Dept of Surgery, University Hospital, Åbo, Finland
1982-	Juha Niinikoski, Dept of Surgery, University Hospital, Åbo, Finland
1984-1986	Ludwig Schürer, Dept of Experimental Surgery, Klinikum Grosshadern, Univ. of Munich, Germany
1986-1997	Torvard C. Laurent, Dept of Medicinal Chemistry, Univ. of Uppsala
1986-	Gunnar Tufveson, Transplantation Unit, University Hospital, Uppsala
1987-	Kristofer Rubin, Dept of Medicinal Chemistry, Univ. of Uppsala
1988-	Roger Hällgren, Dept of Internal Medicine, University Hospital, Uppsala
1991-1995	Rolf Kiessling, Dept of Immunology, Karolinska Institutet, Stockholm
2008-	Elof Eriksson, Tissue Repair & Gene Therapy Laboratory, Dept of Plastic surgery, Harvard Medical School, Boston

### Appointment as Faculty opponent for Ph.D. examinations for

Thomas Kjellström	Department of Surgery, Sahlgren's Hospital, Gothenburg. Serotonin induced damage to pulmonary endothelium. 1986
Ursula Hultkvist	Department of Zoophysiology, University of Lund. An <i>in vivo</i> study of inflammatory edema and microvascular reactions in the lung. 1988
Johan Raud	Department of Physiology, Karolinska Institutet. Intravital microscopy studies on mast cell-dependent inflammation in the hamster cheek pouch. 1989
Henrik Stenfoos	Department of Plastic Surgery, University of Gothenburg. Growth factors and formation of granulation tissue. 1992

Kajs-Marie Schützer	Department of Surgery, East Hospital, Gothenburg. Septic Shock; The role of thromboxanes and cysteinyl-leukotrienes in the pulmonary and cardiovascular responses. 1993
Fikri Abu-Zidan	Department of Surgery and Disaster Medicine, University of Linköping. Role of platelet-activating factor in sepsis and shock, 1995
Olle Löfgren	Department of Physiology, Karolinska Institutet. Contribution of the sensory nervous system in thermally induced inflammation. 1998
Avniu Abdiu	Division of Cell Biology and Plastic Surgery, Faculty of Health Sciences, University of Linköping. Growth regulation in sarcomas: Studies in vivo and in cell cultures. 1999
Ansgar Berg	Department of Physiology, University of Bergen. Acute inflammation, Modulation of interstitial pressure by connective tissue cells, 1999
Salathiel Mzezewa	Department of Plastic and Reconstructive Surgery, Malmö University Hospital, Lund University. Burns in Zimbabwe: Epidemiology, immunosuppression, infection and surgical management, 2003
Lars-Nannestad Jørgensen	Copenhagen Wound Healing Center, University of Copenhagen. Collagen deposition in the subcutaneous tissue during wound healing in humans: a model evaluation, 2003
Ulf Bertheim	Department of Clinical Science, Umeå University. Impaired reparative processes in particular related to hyaluronan in various cutaneous disorders – A structural analysis, 2004

#### **Private company commitments**

1999-present	Member of the Board of Directors, Biophausia AB (publ), Stockholm, Sweden (Listed on Stockholm Stock Exchange) <a href="http://www.biophausia.se">www.biophausia.se</a>
2003-2007	Chairman, scientific advisory board, Innoventus Project AB, Uppsala, Sweden. <a href="http://www.innoventus.se">www.innoventus.se</a>
2002-2003	Member of the Board of Directors, Innoventus Project AB, Uppsala, Sweden. <a href="http://www.innoventus.se">www.innoventus.se</a>
2007-present	Member of the Board of Directors, Oxypharma AB, Stockholm, Sweden <a href="http://www.oxypharma.com">www.oxypharma.com</a>
2003-present	Member of the Board of Directors, Oxypharma AB, Stockholm, Sweden <a href="http://www.oxypharma.com">www.oxypharma.com</a>
2005-2008	Member of the Board of Directors, MedCap AB (publ) (previously New Science AB), Stockholm, Sweden (Listed on First North Stock Exchange, Stockholm) <a href="http://www.medcap.se">www.medcap.se</a>