

- Status:** Born 1942, Sweden
- Current position:** Professor in Physiological Chemistry, Karolinska Institutet. Head, Division of Proteomics, Chemistry 1, Dept Med Biochem and Biophys, Karolinska Institutet
- Exams:** Swedish Med kand 1963, Med lic 1970. Qualified physician in Sweden 1970, US ECFMG (US Education Comm Foreign Medical Graduates) 1975, Swedish Med Dr 1970, Docent Biochemistry at Karolinska 1970
- Positions:** 1963-70: Predoctoral positions, Dept Biochemistry, Karolinska Institutet, MRC Lab, University of Cambridge, UK, 1970-78: Postdoctoral positions, Karolinska Institutet, UCLA and NIH, US. 1974-82: Research position in Medical Protein Chemistry with the Swedish MRC 1982-: Professor Karolinska Institutet (presently senior until end of 2011). 1987-99: Chairman, Dept Chemistry, and MBB, Karolinska Institutet
- Foreign Studies:**
1967-68: MRC Laboratory of Molecular Biology, Cambridge, UK
1974: Laboratory of Enzymology, Acad Medical Sci USSR, Moscow
1976-77: US Public Health Service Fellowship NIH, USA, and UCLA, USA
1981: Internatl Res Technology Transfer NIH, USA
1987: Visiting Scientist Award, Natl Res Council, Memorial University, St. John's, Canada
1995-97: Fogarty Internatl Scholarship, NIH, USA, Visiting Prof Harvard
- Awards:** 1974: Medical Student Association Prize ("Mäster")
1980: Karolinska Institutet Fernström Prize to Young Scientists
1983- Member EMBO, Heidelberg. 1986: Royal Swedish Academy of Sciences Award
1990- Honorary member American Society for Biochemistry and Molecular Biology
1991: Medal Swedish Chemical Society; 1998: Medal Slovak Acad of Sciences
1989-2009: Medical Nobel Assembly, and Committee (1992-1998, 2000-2009), Committee Secretary (2000-2008); Board of Nobel Foundation (2000-08).
2002: Edman Award from MPSA (Methods Protein Structure Analysis), Valencia, Spain
2003- Member, Royal Swedish Academy of Sciences
2008- Member, Nordrhein-Westfälische Akademie der Wissenschaften, Düsseldorf, Germany
- Research:** Independent research group since 1970. Grant support from the Swedish Medical Research Council since 1971, the Swedish Cancer Society since 1972, the Swedish Alcohol Research fund 1989-1994, the Swedish Technical Research Council 1999-2000, the Swedish National Board for Technical Development Research Foundation 1990-92, the Knut and Alice Wallenberg Foundation (6 times), the Wallenberg Consortium North (2001-), EC grants in Comparative analysis for understanding of molecular evolution (1997-2000), for Biotechnology, (1997-2000), for Cancer degradomics (2004-2008); Juvenile Diabetes Foundation (1999-2000). Predoctoral (61) and postdoctoral (34) scientists have worked in the lab, 46 foreign (21 countries).
- Publications:** 656 full reports 1965-2010 in molecular sciences
189 additional book chapters, popular science and ornithology
Invited speaker/chairman at 87 internatl conferences (1970-2010)
Major research fields: Dehydrogenases, Molecular evolution, Proteomics, Peptide hormones
- Students:** 38 PhD dissertations (1987-2010) with HJ as tutor
- Scientific Advisor:**
Pharmacia Research Funds 1991-95, Medical Advisor, Swedish Retirement Fund 5 1997-99
Schwarz Pharma Ltd, 1998-2000, Amersham Pharmacia Biotech, 1998, Lindau Konservatorium, Germany, 1999-, Capture Device AB, 2002-2008, KARSAB (Karolinska Research Services AB) 2002-2005, Karolinska-Carnegie-Cowen, Scientific advisor 2003-.
- Editor**
1990-1999: European Journal of Biochemistry
2009- Biochemical Biophysical Research Communications
2010- Biomolecular Concepts