

CV of Rajni Hatti-Kaul

Born July 1959. Married, one child.
Swedish.

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Research

Implementation of biotechnology for industrial and environmental sustainability, such as for the production of “green” chemicals, materials and energy from renewable resources; utilizing microbial diversity of extreme environments for value added products; understanding protein stability at molecular level and finding means for stabilization of proteins during use and storage for therapeutic and diagnostic proteins

Education

- **Master of Science** in Biochemistry, 1979, University of Bombay, India
- **Ph.D** in Biochemistry, 1984, Univ Bombay, India; PhD thesis: Immobilized two-enzyme system for lactose hydrolysis and preservation of milk
- **Associate Professor**, Department of Biotechnology. Lund University, 1994

Present position

- Professor in Biotechnology, Lund University; Head, Department of Biotechnology; Program Director, Mistra funded program *GREENCHEM*

Previous positions

- Post-Doc, 1985-1987, Department of Biotechnology, Lund University, Sweden.
- Scientist, 1988-1990, ASTRA Research Centre India, Bangalore, India.
- Research Scientist 1990-1997, Dept Biotechnology, Lund University
- Senior lecturer in biotechnology 2000-2004 at Dept Biotechnology, Lund University

Publications

2 edited books; 98 Original papers; 4 Patent applications; 4 Reviews; 23 Book chapters; 13 Conference Proceedings

PhD student supervisor

- Have been the main supervisor for 6 PhD students and de-facto supervisor for an additional 12 PhD students
- Currently main supervisor of 6 Ph.D. students and co-supervisor of 2 students at Lund University

Teaching

- Teaching in undergraduate courses on Bioprocess Technology, Bioseparations, Enzyme Technology, Environmental Biotechnology, Organic Chemistry, and Green Chemistry at Lund University
- Given lectures in courses in Bolivia, Nicaragua, Vietnam, Zimbabwe

> Miscellaneous

- Board member, Institute of Chemistry, Lund University 2006-2008
- Member, Peer Review College of the Danish Council for Strategic Research
- Co-organised an *International Conference on Biotechnology for Sustainable Development*, Pune, India, 7-9 January 2008