

Karel Ulbrich

Personal

Date of Birth: February 27, 1947
Citizenship: Czech Republic
Marital Status: Married, three children



Education

M.S., Macromolecular Chemistry, Institute of Chemical Technology, Prague 1970
Ph.D., Polymer Chemistry, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague. Czechoslovakia 1975,
D. Sc., Macromolecular chemistry, Academy of Sciences of the Czech Republic, 2001
Assistant Professor, Institute of Chemical Technology, Prague 2000
Professor, Institute of Chemical Technology, Prague 2005

Appointments

Ph.D. Student, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague 1971 - 1975
Research Scientist, Laboratory of Biomedical Polymers, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague 1975 - 1980
Senior Research Scientist since 1980, Deputy Head of Laboratory of Biomedical Polymers, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague 1980 - 1987
Head of Department of Biomedical Polymers, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, since 1992 Academy of Sciences of the Czech Republic, Prague, 1987 - present
Professor, Institute of Chemical Technology, Prague, since 2005
Deputy Director of the Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Prague, 1994 - 1998
Director of the Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, Prague, 1998 - 2007

Study stays

Visiting Lecturer, Department of Organic Chemistry, Johannes Guttenberg University Mainz, FRG, 1983
Visiting Associate Professor, Department of Bioengineering, University of Utah, Salt Lake City, USA 1989
Adjunct Associate Professor, Department of Pharmaceutics and Pharmaceutical Chemistry, University of Utah, Salt Lake City, USA, 1992

Membership in organizations and other bodies

Member of the Learned Society of the Czech Republic, 2003 - present
Member and deputy chairman of Scientific Board of the Academy of Sciences of the Czech Republic since 2008
Member of Scientific Board of the University of Chemical Technology, Prague, since 2003
Member of Scientific Board of the Faculty of Chemistry, University of Chemical Technology, Prague, 1992 - present
Member of Scientific Board of the Tomas Bata University, Zlin, Czech Republic, 2001 - present
Member of Scientific Board of the Faculty of Medicine, Charles University, Prague, Czech Republic since 2008
Member of Scientific Board of the Faculty of Natural Sciences, Charles University, Prague, Czech Republic, since 2009
Member of Scientific Board of the Polymer Institute, Slovak Academy of Sciences, 1999 - present
Chairman of a Gremium for conferring the D.Sc. degree at the Academy of Science of the Czech Republic
Chairman of the Committee for conferring the D.Sc. degree in Macromolecular Chemistry at the Academy of Science of the Czech Republic
Chairman of the Committee for Conferring the D.Sc. Degree in Macromolecular Chemistry and Technology of Macromolecular Compound at the Slovak Academy of Science
IUPAC Fellow
Member of Editorial Board of the Journal of Controlled Release
Member of Editorial Board of the Journal of Bioactive and Biocompatible Polymers
Member of Editorial Board of the Central European Journal of Chemistry
Member of Editorial Board of the Journal of Biomaterial Science, Polym.. Ed.
Member of International Editorial Advisory Board of the journal Polymer (Korea)
Member of Editorial Board of the European Journal of Pharmaceutical Sciences
Member of Editorial Board of the Journal of Drug Delivery Science and Technology

Awards

Award of the Learned Society of the Czech Republic, 1996
Award of the Minister of Education, Youth and Sports for Results in Science, 2002
Honorary Medal of the Polymer Institute of Slovak Academy of Sciences, 2004
Award "Invence", Česká hlava, Czech Republic 2005
Award "Praemium Academiae 2008", Academy of Sciences of the Czech Republic

Publications

210 refereed original papers, 3 chapters in monographs
31 patents and patent applications
over 400 oral or poster presentations at conferences with published abstracts
Citations (SCI): over 3000 without any kind of autocitations

Research interests

Macromolecular chemistry, drug targeting (antibody, peptide and hormone targeted polymer drug conjugates), water-soluble polymer drug delivery systems, micellar drug delivery systems, polymer conjugates with anti-cancer activity, polymer diagnostics, non-viral and polymer associated viral gene delivery systems.