

Igor LACÍK

EDUCATION AND TRAINING

1981 – 1986

MSc. in Polymer Chemistry from Slovak Technical University, Bratislava

1987 - 1993

Ph.D. in Macromolecular Chemistry from Polymer Institute, Bratislava (Dr. J. Barton)

POSITIONS

1990 - 1991

Sydney University, School of Chemistry, Australia, Research Assistantship, Sydney University Polymer Group, topic: "Kinetics in Emulsion Polymerization" (with Profs. R.G. Gilbert and D.H. Napper)

1993 - 1994

Institute C. Sadron, CRM, Strasbourg, France, Post-Doctoral Fellowship, topic: "Associative Thickeners Based on Acrylic Acid" (with Dr. F. Candau)

1994 - 1996

Vanderbilt University, Center for Microgravity Research and Applications, USA, Research Associate, topic: "Microencapsulation of Living Cells" (with Prof. T. G. Wang)

1996 – 2002

Polymer Institute, Bratislava, Laboratory of the Composite Thermoplastics, Research Scientist (with Dr. I. Chodák)

since 2002

Head of Department of Special polymers and biopolymers, Polymer Institute, Bratislava

SHORT-STAY VISITS

1999, 2000

Vanderbilt University Nashville, TN, USA, 3 and 2 months stays as Visitor Researcher

1999 – 2006

Göttingen University, Germany, topic "Propagation rate coefficient of water soluble monomers polymerized in the aqueous phase", multiple few-weeks stays / year as Visiting Researcher (Prof. Dr. Michael Buback)

2003

EPFL Lausanne, Dept. Chem. Engineering, Laboratoire de biotechnologie chimique,
Visiting Researcher (with Dr. Cristine Wandrey)

2004

University Santiago de Compostela (Carmen A. Lorenzo)

2005

Kingston Queen's University (Robin Hutchinson)

2006

Key Centre for Polymer Colloids at Sydney University (Bob Gilbert) and Christchurch
University, NZ (Greg Rusell)

WORK INTERESTS

Rate coefficients from pulse-laser initiated free-radical polymerization, water soluble polymers, polyelectrolyte complexation, biomedical materials used for encapsulation of living cells, design of biosensors, application of polysaccharides, size-exclusion chromatography

Author and co-author of close to fifty papers in the peer-reviewed journals, two US patents and one Slovak patent application. Member of IUPAC Subcommittee on Modeling of Polymerization Kinetics and Processes, COST 865 and Bioencapsulation Research Group.

AWARDS

"Young Scientist Presentation Award" at 3rd International. Conference on "Radical Copolymers in Dispersed Media", April 17-22, 1994, Groupe Francais des Polymeres, Lyon, 1994

"Evans-Gilruth Foundation Scholarship for 1994" obtained for the achievements in the utilization of space research and technology for improving the quality of life on Earth, Houston, TX, October 1994

"Price of Honor" for research in Slovakia 2004 by Journalist Studio, Slovakia