

# CURRICULUM VITAE

## Igor LACÍK, PhD, DSc (Research Prof)

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### Degrees

- 2009 DSc (habilitation, research prof.), Slovak Academy of Sciences, Bratislava, Slovakia
- 1986-1993 PhD, Polymer Institute of the Slovak Academy of Sciences, Bratislava, Slovakia
- 1981-1986 Dipl-Eng, Slovak Technical University, Faculty of Chemical Technology, Bratislava, Slovakia

### Employment History and Major Commitments

- 2010 – 2018 Director of Polymer Institute SAS, Bratislava, Slovakia
- 2011– present Head of Dept. for Biomaterials Research, Polymer Institute SAS
- 2002 – 2011 Head of Dept. of Special Polymers and Biopolymers, Polymer Institute SAS
- 1996 – 2002 Research Scientist, Dept. of Composite Thermoplastics, Polymer Institute SAS
- 1994 – 1996 Research Associate, Vanderbilt University, Nashville, TN, USA (24 months)
- 1993 – 1994 Post-doctoral fellow, CNRS Inst C. Sadron, Strasbourg, France (12 months)
- 1990 – 1991 Research assistant, Sydney University, School of Chemistry, Sydney, Australia (15 months)
- 1987 – 1992 Graduate student, Polymer Institute SAS

### Short-term visits, selected (2 weeks - 3 months)

- 2017 Kyushu University, Fukuoka, Japan (visiting professor, Prof. Masaru Tanaka)
- 2016 Shanghai University, China (visiting professor)
- 2015 Jan Dlugosz University, Czestochowa, Poland (lecturer and visiting professor)
- 2007 – 2017 University of Illinois at Chicago, IL, USA (Prof. J. Oberholzer)
- 2011 Queens University, Kingston, Canada (Prof. R. A. Hutchinson)
- 2006 University of Canterbury, Christchurch, NZ (Prof. G. T. Russell)
- 2006 Sydney University, Australia (Prof. R. G. Gilbert)
- 2005 Queens University, Kingston, Canada (Prof. R. A. Hutchinson)
- 2003 EPFL Lausanne, Switzerland (Dr. Ch. Wandrey)
- 1999 – 2016 Georg-August University in Göttingen, Germany (Prof. Dr. M. Buback)
- 1999, 2000 Vanderbilt University, Nashville, TN, USA (Prof. T. G. Wang)

### **Main scientific interest:**

- Development of microcapsules, characterization and process for encapsulation of pancreatic islets in diabetes treatment
- Radical polymerization of water-soluble monomers
- Hydrogels, polysaccharides, polymeric materials for biomedical and biotechnological applications (formulation, characterization, cell and protein immobilization)

### **Honors, selected**

2019	The Finalist of the ESET Science Award 2019
2018	The Personality of Science and Technology (Ministry of Education of the Slovak Republic)
2016	The Crystal Wing Laureate for Medicine and Science
2015	Award by the Slovak Academy of Sciences for popularization of science
2011	Principal Investigator of the team identified by the independent ranking agency as the Top Team of the Slovak Academy of Sciences
2010	Principal Investigator of the Scientific and Technical Team of the Year 2010 awarded by the Ministry of Education of the Slovak Republic

### **Membership and Committees, selected**

- Elected vice-president of the IUPAC Polymer Division 2020 – 2021
- Member IUPAC, Subcommittee “Modeling of Polymerization Kinetics and Processes” since 2003
- Elected member of the Learned Society of the Slovak Academy of Sciences since 2012
- Chair of the committee for Scientific Degrees in Macromolecular Chemistry at the Ministry of Education of SR
- Member of the Scientific Board of the Comenius University, Bratislava, Slovakia
- Elected member of the Committee for the Scientific Degrees in Macromolecular Chemistry of Czech Republic

### **Scientific outputs**

140 publications

4 chapters in books

HI 37 (WoS)

2 US PTO patents

over 200 presentations at international conferences

ca 100 presentations at national conferences

ca 30 invited lectures at international conferences

ca 100 invited lectures at the universities abroad

ca 70 outcomes for lay public (TV, radio, internet, non-for-profit foundation related activities)

7 completed PhD students