



**Marin Berovič**

**Full time Professor of Biotechnology and Bioprocess Engineering**  
Faculty of Chemistry and Chemical Engineering, Dept. Chemical,  
Biochemical Engineering, University of Ljubljana

**Marin Berovic** [\\_marin.berovic@fkkt.uni-lj.si](mailto:marin.berovic@fkkt.uni-lj.si)

**21.3.1951** born in Novo mesto, Slovenia.

- **1976 B.Sc., 1979 M.Sc.** in Chemical Engineering, on Faculty of Chemistry and Chemical Engineering, University of Ljubljana.
- **1986 Ph.D**, Biochemical Engineering, Technical University, Graz, Austria
- **1976/1998** higher research scientist on National Institute of Chemistry as a head of Bioreactor Engineering Centre.
- **1996 Assistant Professor of Bioprocess Engineering** on Biotechnical Faculty University of Ljubljana
- **1998 Assistant Professor of Biotechnology** on Faculty of Chemistry and Chemical Engineering, Dept. Chemical, Biochemical Engineering University of Ljubljana
- **1985, 1987, 1989 Heading International Bioreactor Engineering Courses**
- **1986 Yugoslavia state representative in European Federation on Biotechnology (EFB)** in Working Party on Bioreactor Performance.
- **1989 Establish European Federation on Biotechnology Bioreactor Engineering Course, doctoral/post doctoral engineering course, Graz 1989**
- **1996 European Section on Bioprocess Sciences (ESBES) founding member** and Head of Task Force Bioprocess Engineering Courses

- **2002 Associated Professor of Microbial Biotechnology and Bioprocess Engineering** on Faculty of Chemistry and Chemical Engineering, Dept.Chemical, Biochemical and Ecology Engineering University of Ljubljana
- **1991-2012 Organize and manage European Federation on Biotechnology Bioprocess Engineering Course**, principal doctoral/post doctoral engineering course of EFB Working Party on Bioreactor Performance, Working Party on Measurement and Control Working Party on Downstream Processing, Supetar Island of Brac, Croatia.

## International Activities

**2005 Chairman of European Section on Biochemical Engineering Sciences**

**2002 Vice-Chairman of International Organization on Biotechnology and Bioengineering ( World Association)**

**2005 Member of The Executive Board of European Federation on Biotechnology**

**2007 Full time Professor of Biotechnology and Bioengineering**

**2010 Co-Editor of Volume Biotechnology – Encyclopaediae of Life Support Systems ( World Encyclopaediae of Science and Technology)**

## Competences and Relevant Projects of Research in Biotechnology

- Biochemical Engineering of Antitumor and Anticancer Immunostimulants from Pharmaceutically Interesting Mushrooms by Submerged and Solid State Cultivation
- Submerged and Solid State Bioprocess Engineering
- Redox Potential as a Key Physiology Parameter in Submerged Fermentation Technology Bioreactor Design and Process Operations
- Bioprocess Instrumentation Control
- Bioprocess Rheology
- Process Integrated Systems
- Scale-Up of Industrial Processes
- Foam and Foaming Separation in Bioprocess Technology
- Process Engineering in Wine Technology

## Scientific Training

1977 Institut für Biochemische Technologie und Microbiologie, Technische Universität Graz, Austria, (Bioprocess Engineering)

1989/1990 Technical University Delft-Leiden, The Netherlands, (Modelling in Biotechnology)

1993 Institut für Technische Chemie Technische Universität Hannover, Germany (Comprehensive Methods for Bioreactor Engineering)

1993 Technical University of Denmark, Lyngby, Denmark, Center for Process Biotechnology / Department of Biotechnology (Morphologically Structured Models)

1993 University of Strathclyde, Glasgow, Great Britain,  
(Rheology of Filamentous Fungal Broths)

**Books : Co Editor of World Encyclopaediae on Living Support Systems  
EOLLS**

**Volume Biotechnology**

**Editor and co-editor of 8 text books EFB Bioprocess Engineering**

**Editor on :** Biochemical Engineering : New Biotechnology Journal  
Biotechnology Annual Review

**Referee :** Biotechnology Bioengineering  
Journal of Biotechnology, Biochemical Engineering Journal,  
International Journal of Medicinal Mushrooms

**Member of Editorial Boards :** Food Technology Biotechnology  
Chemical Biochemical Engineering Quaterly  
Phytomedicine

**Member of :** New York Academy of Sciences, American Chemical Society  
International Organisation on Biotechnology,  
European Association for Promotion of Science and  
Technology

**His scientific bibliography :** contents 456 various contributions from the field  
of Biotechnology and Biochemical Engineering.

**He obtained four awards for his scientific and research work, two  
National B. Kidric Awards for research and inovations and Krka Award.**