



CURRICULUM VITAE



ULDIS VIESTURS, Prof. Dr. habit. sc. eng.

Birth date: June 14, 1936

Education: Dr.habil.sc.eng. Institute of Food Technology,
Kiev, Ukraine, 1975
Dr.sc.eng. Institute of Food Technology,
Kiev, Ukraine, 1968
Eng. Latvia University of
Agriculture, 1960

Professional experience:

- 2002- Vice-president, Member of the Presidium, Academy of Agriculture and Forestry Sciences of Latvia
- 1997- Director, Institute of Microbiology and Biotechnology, University of Latvia
- 1997-2001 Vice-Chairman of Scientific Council, Institute of Wood Chemistry
- 1996- Professor, Faculty of Biology, University of Latvia
- 1994- Professor, Faculty of Food Technology, Latvia University of Agriculture
- 1986-1997 Chairman of Scientific Council, Institute of Wood Chemistry
- 1989-1992 Vice-president, Latvian Academy of Sciences
- 1986-1993 Director, Institute of Wood Chemistry, Latvian Academy of Sciences
- 1969-1986 Head of Laboratory of Bioengineering, Institute of Microbiology
- 1984- Head of Laboratory of Bioengineering, Institute of Wood Chemistry
- 1964-1969 Head of Design Office, Institute of Microbiology, Latvian Academy of Sciences
- 1960-1964 Engineer and Head of Laboratory of Milgravis Ethanol and fodder yeast factory, Ministry of Food Industry of Latvia

Honours and Awards:

- 2004 Honorary Diploma for significant research and pedagogical work, University of Latvia
- 2003 Honorary Member of the International Biographical Centre Research Council, Cambridge, England
- 2002 Member, European Academy of Sciences
- 1999 Prize of the Latvian Academy of Sciences and joint-stock company "Aldaris"
- 1999 Full Member, Ukrainian Technological Academy
- 1994 Full Member, Academy of Agricultural and Forestry Sciences of Latvia
- 1992 Member, Academia Scientiarum et Artium Europaea
- 1987 Full Member, Latvian Academy of Sciences
- 1984 Professor (Biotechnology), USSR Supreme Certification Committee
- 1982 Corresponding Member, Latvian Academy of Sciences
- 1980, 1965 The Latvian SSR State Prize
- 1975 Merited Inventor of Latvian SSR

Professional Activities and Memberships:

Member, International Advisory Boards and International Scientific Committees of several International Conferences (Prague 1993, 1996, 1998, 2000, 2002; Sofia 1993, 1995, 1997, 1999, 2001; Cambridge 1994, Paris 1997; Shimkent, 2001, Bamberg, 2003, etc.)



Member of the International Scientific Advisory Committee, International Conference on Environmental, Industrial and Applied Microbiology "*BioMicroWorld2005*"
Member (Chairman, 1993 -2002), Latvian Council of Science Expert Committee (Molecular Biology, Microbiology, Virology, Biotechnology), 1993-
Treasurer, Member of Senate, Latvian Academy of Sciences, 1993-2001
Deputy Chairman of the Board, Latvian Academy of Sciences, 1993-
Vice-Chair, Division of Chemical, Biological and Medical Sciences, Latvian Academy of Sciences
Member of the Presidium and Head of the Food Department (1976-2001), Academy of Agricultural and Forestry Sciences of Latvia
Advisor, FEMIRC-LATVIA, 1997-1999, IRC-LATVIA, 1999-
Member of Promotion Council, Faculty of Biology, University of Latvia
Chairman of Promotion Council, Faculty of Food Technology, Latvia University of Agriculture
Chairman of the State Examination Commission, Faculty of Food Technology, Latvia University of Agriculture
Senator, Member of the Strategy Commission of the Senate, University of Latvia
Member of the Council, Faculty of Biology, University of Latvia
Member of the Council, Institute of Microbiology and Biotechnology, University of Latvia
Member of the Scientific Council, Institute of Wood Chemistry
Member of the Latvian Quality Council at the Marketing Association
Member of the European Federation of Biotechnology, WP Bioreactor Performance, 1984-
Member of the European Federation of Chemical Engineering, WP Mixing, 1988-
Member of the Research Board of Advisers, American Biographical Institute
FP5 Expert N EE 19981A13914
Member, Working Group for Development of the National Innovation Programme Project (resolution N 240, 02.07.2001 Presidium of the Cabinet of Ministers of the Republic of Latvia)

Editorial Board of:

2004 International electronic journal *Bioautomation*
1987-1995 Editor-in-Chief of the journal *Wood Chemistry*
1985-2001 Proceeding of Latvian Academy of Sciences

Publications:

The representative publications can be found on <http://www.lza.lv/scientists/viestursu.htm>
Invited lecturer in several national and international congresses

Research Interests:

Research in the regularities of microorganism growth and metabolite biosynthesis
Chemical engineering and bioengineering
Conversion of the photosynthesized biomass for renewable energy (bioethanol, pyrolysis products, etc.), bio-bleaching of cellulose
Bioreactor design, process control, mixing in bioreactors, mass transfer in gas-liquid-solid systems, designing and start-up of basic equipment for classical biotechnology
Anaerobic waste digestion with biogas production
Food biotechnology
Innovations: general problems, state of the art in Latvia