



Renata Bilewicz

I would like to work for the integration of electrochemists and help in improving communication between researchers thanks to the activities of our Society and social media.

Curriculum Vitae

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Education and academic degrees:

M.Sc. Warsaw University, 1976,

Ph.D. Warsaw University, 1984,

D.Sc. (Habilitation), Warsaw University, 1994.

Professor, Warsaw University, 2000

Research and academic positions:

1976-1984 – Research and teaching Associate, University of Warsaw

1985-1986 – Post-doctoral position in State University of New York at Buffalo (work with Janet and Robert Osteryoung)

1984 - 2000 – Assistant Professor (Adjunct in Poland) University of Warsaw

1990 - 1991 – Research Associate – University of California at Berkeley (work with Marcin Majda)

1991 - Fellowship for young professors of the Swiss Government, University of Basel

1994 - Visiting Professor, State University of North Carolina in Raleigh

2000 - 2002 Associate Professor, University of Warsaw

2002 - Full Professor, University of Warsaw

Research interests

Electron transfer processes in supramolecular and biomolecular systems Self-assembled and Langmuir-Blodgett films – structure, phase transitions and molecular interactions. Electrochemistry of lipidic liquid crystals. Molecular recognition at electrode – solution and air-solution interfaces. . Bioelectrocatalysis and biofuel cells.

Publications: *In total:* 5 book chapters; 6 reviews; 206 papers; h-index 30.

Scientific publications, grants, lectures and patents :

<http://beta.chem.uw.edu.pl/people/RBilewicz/>

International Activities and Research Funding

Chair of Bioelectrochemistry Division (Div.2) of International Society of Electrochemistry (ISE) (2014-2016). Currently – Past-chair and member of ISE Publications Committee

Bioelectrochemical Society (BES) Board member.

Member of FWO - Hercules Science Commission of Flemish Government concerning funding of research and innovation infrastructure in Flanders (2009-2019).

Coordinator of TEMPUS Structural Joint European Project JEP 12177 on restructuring of the chemical studies in Warsaw University (1998-2000)

Management Committee member in the COST D1 programme for scientific cooperation.

Polish Coordinator of COST D1/002 Project devoted to bioinorganic chemistry with University of Basel (coordinator prof. T.H. Kaden, University of Basel), with University of St. Andrews and University of Birmingham.

Project Coordinator of Polish Ministry of Education and Science Project (/2003-2007) „New generation of conducting molecular layers for analytical and medical diagnosis and bioelectronics”

GDRE project coordinator with France and Germany Partners (2007-2010) „Enzymatic nanoengineering of selective lipid membranes for sensor applications”,

Coordinator of Polish – Swiss Programme of Cooperation (2010-2015) Tailored Lipidic Mesophases as Novel Functional Nanomaterials in Bioenergetics and Biosensing, PSPB 079/2010, 2012-2015,

Polish group coordinator in Marie Curie Actions: ITN BIOENERGY – Biofuel Cells: From Fundamentals to Applications of Bioelectrochemistry,(2013-2017) involving 12 partners from 8 UE countries, prof. W. Schuhmann, University of Bochum – coordinator,

Polish group coordinator in SINERGIA project no. CRSII2_154451 (2015-2017) financed by the Swiss National Science Foundation with ETH and University of Zurich, “Design, synthesis and characterization of lipidic nanomaterials for biomedical and biosensing applications”.

Other Experiences

Member of the Faculty Council in the Department of Chemistry, Warsaw University and member of Scientific Council of Physical Chemistry Institute of the Polish Academy of Sciences. She is member of American Chemical Society, Bioelectrochemical Society, International Society of Electrochemistry (ISE) and Polish Chemical Society (Secretary of Warsaw Branch (1990-94), Secretary of Polish Chemical Society 1994-97, chairperson of Warsaw Branch 2000-03). Advisory Board member of *Electrochimica Acta*, *Bioelectrochemistry* and *Electrocatalysis*.

Organizer or co-organizer of international scientific meetings (among them: ISE 2000, ISE 2005 SUPRA 1996, ANALYTICA 1996, SUPRANET ICSST 1998, ISMC 2003, BEB 2005, Surphare 2005, “From Molecular Recognition to Molecular Devices” Gdańsk 2007, co-chair of BES Meeting Cracow 2011, Scientific committees member: SMBCS 2013, 2015, 2017, BES-ISE 2013, BES 2015.