

CURRICULUM VITAE

Joanna Rydz-Pawlak



Address: e-mail: rydzj@tlen.pl

Marital status: single

Nationality: Polish

Work addresses: Centre of Polymer and Carbon Materials, Polish Academy of Sciences
ul. Marii Curie-Skłodowskiej 34, 41-819 Zabrze, Poland
Tel.: +48-32-2716077 (219), Fax: +48-32-2712969
e-mail: jrydz@cmpw-pan.edu.pl

EDUCATION

October 2005 Jagiellonian University, Krakow, Poland
Ph.D. in chemistry at Faculty of Chemistry
Dissertation title: Model structures of biodegradable aliphatic polyesters
(supervisor: prof. M. Kowalczyk)

July 1992 Opole University, Opole, Poland
M.Sc. in chemistry, speciality agrobiochemistry with teacher's licence at
Faculty of Mathematics, Physics and Chemistry
Subject area: microbiology

January 1994 London Study Centre, London, Great Britain
- July 1995 Advanced level

RESEARCH EXPERIENCE

November 1995 Polish Academy of Science, Centre of Polymer Chemistry (nowadays:
- present Centre of Polymer and Carbon Materials) in Zabrze, Poland
Biodegradable Materials Department, group of Professor Marek Kowalczyk

from 2007 Position: adjunct
from Sept 2016 Institute website editor

April 2013 Bulgarian Academy of Sciences, Institute of Polymers in Sofia, Bulgaria
- September 2015 Amphiphilic and Ionogenic Polymers Department,
group of assoc Professor Darinka Christova
Position: experienced researcher

HONORS/AWARDS

17-21 Oct 2016 Member of the Expert Panel of Public-Private Partnership on BBI Bio-Based Industries, Research and Innovation Action

April 2013 Position of experienced researcher at POLINNOVA project no. 316086 under
- Sept 2015 the Seventh Framework Programme

2010/2011 Trade expert PO IG FORSURF: Foresight of surface properties formation leading technologies of engineering materials and biomaterials, European Regional Development Fund: POIG.01.01.01-00-023/08

April 2004 Dissertation Polish Grant, Model structures of biodegradable aliphatic
- April 2005 polyesters containing elements of proteome (KBN 3 T09A 098 26)

September 2003 Marie Curie Fellowship, Vienna University of Technology, Institute for Applied
- March 2004 Synthetic Chemistry, Austria Substrate Profiling of Cyclobutanones for Microbial Baeyer-Villiger Oxidations, Individual project of Human Potential Program of FP-5: HPMT-CT-2001-00243

OTHER

1997 Experience in co-organization of the International IUPAC Symposium on "Electron Transfer Processes and Reactive Intermediates", Krakow 1997, Poland

Subject area: Chemistry, Materials Science, Biochemistry, Chemical Engineering, Engineering, Agricultural and Biological Sciences, Environmental Science

PARTICIPATION IN RESEARCH GRANTS

2017 – 2019 Polish-Hungarian joint research project under the agreement on scientific cooperation between the Polish Academy of Sciences and the Hungarian Academy of Sciences, "Controlled release and degradation studies of biodegradable aliphatic polyester derivatives based nanoparticles loaded with organic drug" (coordinator)

2017 – 2020 Polish Grant NCN UMO-2016/21/D/ST8/01993, Multifaceted studies on the (bio)degradability profile of composites of selected biodegradable polymers with natural fillers and bacteriocins (researcher)

2016 – 2018 Polish-Slovak joint research project under the agreement on scientific cooperation between the Polish Academy of Sciences and the Slovak Academy of Sciences, "Advanced MD-LC-MS for characterization of biopolymers and their degradation products" (participant)

2013 - 2015 POLINNOVA project no. 316086 under the Seventh Framework Programme, Strengthening the research capacity and innovation potential of the Institute of Polymers at the Bulgarian Academy of Sciences for further integration into the ERA (experienced researcher)

2011 – 2014 PLASTiCE, 3CE368P1
Innovation Value Chain Development for Sustainable Plastics in Central Europe in the framework of the Central Europe Programme (manager)

2009 – 2013 MARGEN, European Regional Development Fund: POIG.01.03.01-00-018/08, New generation packaging materials made from plastics subject to the organic recycling in the framework of the Innovative Economy Operational Programme (participant)

2007 – 2011 Strategic research project: Polish Artificial Heart, 3/02/WK/P01/2008 (researcher)

2009 – 2013 ANIMPOL 7PR UE: FP7-KBBE-2009-3-245084
Biotechnological conversion of carbon containing wastes for eco-efficient production of high added value product (researcher)

2004 – 2008 Centre of Excellence 6PR UE – BIOMAHE
Biodegradable polymeric materials for health and environment (researcher)

Jun 2003 - Jun 2006 Eureka E!3064 BIOMIXEDPACK
New Multilayer Packaging Materials From Renewable Resources (researcher)

February 2001 - January 2004 Tatlys 5PR UE: G5RD-CT-2000-00294
A new biocompatible nanoparticle delivery system for targeted release of fibrinolytic drugs (researcher)