PERSONAL INFORMATION

First name, surname: **Olya Stoilova STOILOVA**

Address: Bulgarian Academy of Sciences
1040 Sofia, 15th November str., 1 (+3592) 979 5249

E-mail: olya.stoilova@cu.bas.bg

EDUCATION AND SCIENTIFIC ADVANCEMENT

2001, PhD in Macromolecular Chemistry, Laboratory of Bioactive polymers, Institute of Polymers, Bulgarian Academy of Sciences; PhD thesis: Biologically active polymer systems based on chitosan and certain synthetic water-soluble polymers; Supervisors Prof. I. Rashkov and Prof. N. Manolova.

1998, MSc Degree, Sofia University "St. Kl. Ohridski", Department of Chemistry, specialty: Chemistry and physics;
Graduation thesis in chemistry: ET-AAS determination of Cd and Pb in wine, Supervisor Prof. S. Ganeva;
Graduation thesis in physics: Fundamental parameters of variable "Blue Stragglers" in three absent astral mass, Supervisor Assoc. Prof. Tc. Tcvetkov.

1992, High School Degree, Technical College of Chemistry and Biotechnology "Prof. As. Zlatarov", specialty: Technology of cellulose and paper;
Graduation thesis: Processing of paper – raw materials and technology.

Habilitations

2010, Associated Professor, Laboratory of Bioactive Polymers, Institute of Polymers, Bulgarian Academy of Sciences.

Specializations

2004-2005, Post-doc specialization, University of Liège (ULg), Belgium, Centre for education and research on macromolecules (CERM), Project title: New structured materials based on fullerene and biodegradable polyesters; supervisors Prof. R. Jérôme and Prof. I. Rashkov

WORK EXPERIENCE

2013-till now, Scientific Secretary of the Scientific Research Field Nanosciences, new materials and technologies, Bulgarian Academy of Sciences

2010-till now, Associated Professor, Laboratory of Bioactive Polymers, Institute of Polymers – BAS; Coordinator of the project into Operational Program Human resources development 3.3.-06, work package leader of the project into 7FP, REGPOT-2012-2013-1, leading researcher of the bilateral agreement project.

2004-2010, Assistant Professor, Laboratory of Bioactive Polymers, Institute of Polymers – BAS; Leading researcher of 15 scientific projects in the field of nanostructured hybrid polymer materials with potential biomedical and agro-pharmaceutical applications, participant into Pilot Project of Leonardo Da Vinci II Program and Operational Program Human resources development 3.3.-02.

2002-2004, Assistant, Laboratory of Bioactive Polymers, Institute of Polymers – BAS; Project leader of 1 research project, leading researcher of 11 scientific projects in the field of nanostructured polymer materials.

1998-2001, PhD student, Laboratory of Bioactive Polymers, Institute of Polymers – BAS; Participant in 1 research project in the field of polymer biomaterials.

LANGUAGES

english – advanced, **russian** – good, **french** – basic

RESEARCH ACTIVITIES	
Books	Co-author of a Chapter 5: *N*-Carboxyethylchitosan-based polymer materials, In: Chitosan: Manufacture, properties, and usage, Ed.: S.P. Davis, ©Nova Science Publishers, Inc., ISBN 978-1-61728-831-9 (2011)
Publications	**33** (27 of them in International Journals with Impact Factor and 6 in Refereed Journals).
Citations	over 450; **h-index 15**
Projects	over 25 projects, 15 NSF (Head of 2), 8 of bilateral agreements (Head of 2), 3 of Operational Program Human Resources Development (Coordinator of one), 1 Intergovernmental cooperation program Bulgaria/French Community (Wallonia), 1 into 7FP, REGPOT-2012-2013-1 (work package leader) and 3 of H2020 (H2020-MSCA-NCP и H2020-MSCA-NIGHT).
Scientific forums	over 30
Training and supervising	Supervisor of 2 PhD-students and 3 graduates; Mentor of 15 students
Other	Co-author of e-Reference tools for VET trainers in food industry (*e-FOST*) – internet-based teaching training specialized materials, containing lectures in Bulgarian (760 pages) and English (680 pages), followed by self-evaluation tests.
MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS	Bulgarian Union of Chemists Bulgarian Polymer Federation Associate Member of the IUPAC for 2008 Member of the Scientific Council of the Institute of Polymers – BAS Member of the General Assembly of the BAS Member of the Working Group on Research Careers to Science Europe
SCIENTIFIC AWARDS	**2014,** Award for a Team with Excellence Scientific Achievement in the Bulgarian Academy of Sciences, dedicated to the 145th Anniversary of the Bulgarian Academy of Sciences **2002,** Poster prize in the Younger European Chemists` Conference, Heidelberg, Germany
MAIN RESEARCH FIELDS	Preparation and design of micro- and nanostructured hybrid materials based on natural or/and synthetic polymers (gels, films, micro- and nanoparticles, nanofibers); Biocompatible, (bio)degradable (co)polymers, polymers with biological activity and study of their structure-properties relationship; Synthesis and stabilization of metal nanoparticles; Ecologically friendly agro-pharmaceutical polymer materials; Studying the possible applications on new generation polymer materials; Characterizations by different methods (SEC, MALDI-TOF, NMR, DSC, TGA, UV-VIS, FT-IR, SEM, TEM, viscometry, XRD, VSM, Mössbauer spectroscopy, XPS, etc.).