

PERSONAL INFORMATION

Neli Stoyanova Koseva



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📅 Date of birth 17/12/1962

WORK EXPERIENCE

- from 2020 – to present Head of the Department Polymers for Alternative Eenergy and Environmental Protection (www.polymer.bas.bg)
- from 2018 – to present Professor at the Institute of Polymers, Bulgarian Academy of Sciences (www.polymer.bas.bg)
- from 2016 – to 2020 Head of the Laboratory Phosphorus-containing Monomers and Polymers, Institute of Polymers, Bulgarian Academy of Sciences
- from 2012 – to 2020 Director of the Institute of Polymers, Bulgarian Academy of Sciences
- from 2008 – to 2012 Scientific secretary of the Institute of Polymers
Institute of Polymers, Bulgarian Academy of Sciences
- from 2008 – to present Associate Professor,
Laboratory of Phosphorus Containing Monomers and Polymers, Institute of Polymers, Bulgarian Academy of Sciences
- from 1998 – to 2007 Research Fellow
Institute of Polymers, Bulgarian Academy of Sciences
- from 1997 – to 1998 Chemist
Institute of Polymers, Bulgarian Academy of Sciences
- 2007 – 2008
(10 months) TOK Marie Curie Fellowship (Project Ref.: 509841)
Centre of Polymer and Carbon Materials, Polish Academy of Sciences, Zabrze, M. Curie Sklodowskiej Str. 34, Poland
- May, 2006 – Oct., 2006
(6 months) TOK Marie Curie Fellowship (Project Ref.: 509232)
Centre of Polymer Chemistry, Polish Academy of Sciences, Zabrze, M. Curie Sklodowskiej Str. 34, Poland
- Dec., 2003 – March., 2004
(4 months) Visiting scientist
Kobe University, Japan
- March, 2001 – Sept., 2001
(6 months) Postdoctoral research assistant,
The UCL School of Pharmacy, 29-39 Brunswick Square, London WC1N 1AX
- from 1995 – to 1996 teacher

EDUCATION AND TRAINING

- 1998 Ph.D. Degree (Polymer Chemistry)
from 1989- to 1994 Graduate student at the Department of Chemistry, Sofia University, 1 J. Bourchier Ave., Sofia 1126, Bulgaria; Ph.D.

- (2 year maternity leave) Influence of monomer complexation on their reactivity in radical polymerization
- 1988 Post-diploma specialisation in Physical Methods in Polymer Chemistry, Department of Chemistry, Sofia University, 1 J. Bourchier Ave., Sofia 1126, Bulgaria
- from 1982 - to 1987 M.S. in Chemistry
Department of Chemistry, Sofia University, 1 J. Bourchier Ave., Sofia 1126, Completed the full five-year course of education.

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/2	C1/2	C1/2	C1/2	C1/2
Russian	C1/2	C1/2	B1/2	B1/2	B1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Teaching experience Teaching assistantship: Laboratory courses in Chemistry and Physical Chemistry of Biopolymers, Department of Chemistry, Sofia University

Co-supervisor of three Master Students and two Doctor Students

Master course: Biomaterials and Biocompatibility", University of Chemical Technology and Metallurgy , 20 lecture and 20 seminar hours

ADDITIONAL INFORMATION

Research interests *Polymer Chemistry*: Synthesis, modification and characterisation of polymers, reactive and functional polymers, polymer networks, phosphorus containing polymers, biodegradable polymers, modification of natural polymers, controlled radical polymerization
Material Chemistry: Micro- and nanosized polymer materials, Hybrid polymer materials with application in medicine, agriculture and environment preservation.
Analytical Chemistry: Chemistry of complex compounds, NMR, utilisation of spectral and chromatographic methods for determination of bioactive substances and metal ions, ultrafiltration.

Projects granted by the National Science Fund of Bulgaria 12 projects (coordinator of 2 of them)

Projects granted by EC POLINNOVA: Strengthening the research capacity and innovation potential of the Institute of Polymers at the Bulgarian Academy of Sciences for further integration into the ERA. Project No 316086 (FP7-REGPOT-2012-2013), Coordinator
PASPORT: Plan of Action - a Strategic Portal to Research Excellence Project Ref.: 204722 (FP7- REGPOT-2007-2-01), WP leader

Projects granted by the Operational Programs

BG05M2OP001-1.001-0008 National Center of Mechatronics and Clean Technologies, funded by the Operational Programme Science and Education for Smart Growth, co-financed by the European Union through the European Regional Development Fund, a member of the Project Management Team

Support of the applied research at the Institute of Polymers for development of new polymer and composite materials with application in ecologically oriented, energy saving and health related technologies (BG161PO003-1.2.04-0096-C0001) Coordinator

Enhancing the research potential for sustainable career development of the young scientists, PhD students and PostDocs in priority areas of the polymer science (BG051PO001-3.3.06-0017) Coordinator

Publications

Co-author of 56 scientific papers, Scopus: ID 8108514100; H-index 13
1 patent, 2 patent applications

Citations

More than 480

Conferences

More than 50 lectures and presentations at scientific conferences

Memberships

General Assembly of the Bulgarian Academy of Sciences
Scientific Council of the Institute of Polymers
The Union of Chemists in Bulgaria;
European Association for Chemical and Molecular Sciences

National representative for MSCA in the Programme Committee ERC-MSCA-FET at Horizon2020 Programme of the EU (2014-2016)

Member of the Managing Committee of the European Network "Smart Inorganic Polymers" (COST action CM 1302);

Member of the Expert Council for Science, Technology and Innovation under the Mayor of Sofia;

Awards

Pythagoras Grand Prize for successful leader of an international project of the Ministry of Education and Science for 2015;

Special award of the Union of Inventors in Bulgaria for the development of "Nanoscale polyelectrolyte associations with antitumor action, method for their preparation and application" at the 6th National Exhibition - Inventions, Transfer, Innovation (2015);