

PERSONAL INFORMATION

Family name, First name: **Kostevšek, Nina**

Date of birth: 10th Sept 1988

Nationality: Slovenian

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ORCID iD: 0000-0002-6551-0250

EDUCATION

- 2016 **PhD in Nanoscience and Nanotechnologies**
Jožef Stefan International Postgraduate School, Ljubljana, Slovenia
- 2012 **B. Sc. in chemistry**
Faculty for chemistry and chemical technology, University of Ljubljana, Slovenia

CURRENT POSITION

- 2017 – present **Post-doctoral Research Associate**; Department for Nanostructured Materials,
Jožef Stefan Institute, Ljubljana, Slovenia

PREVIOUS POSITIONS

- 2016-2017 **Post-doctoral Research Associate**, University of East Anglia, School of
Pharmacy, Norwich, UK (10 months)
- 2015-2016 **Research Associate**, Department of industrial chemistry “Toso Montanari”,
University of Bologna, Italy (4 months)
- 2012-2016 **Young research fellow**, Jožef Stefan Institute, Ljubljana, Slovenia
- 2009 **Internship** at microbiological laboratory, Henkel Slovenija d.o.o., Maribor,
Slovenia (2 months)

AWARDS

- 2019 Best poster award at the COST Action Nano2Clinic training school, Trieste, Italy
- 2018 Award “Excellent in science 2018” from Slovenian Research Agency (top scientific
achievements in technology, October 2018)
- 2017 As the perspective young researcher, selected for the participation in the 67th Nobel
laureates meeting dedicated to chemistry, June 2017, Lindau, Germany
- 2016 Excellent shot-gun presentation award at the ISN2A-2016, Caparica, Portugal
- 2015 Poster award at the 23rd IMT conference, Portorož, Slovenia
- 2013 Best oral presentation in the section of the young reseracher’s group
at the 21st IMT conference, Portorož, Slovenia

CURRENT LEADERSHIP IN PROJECTS

- The national post-doctoral project entitled “*Development of multifunctional hybrid liposomes for active cancer treatment and multimodal diagnostics*” (1.7.2018-30.6.2020)
- management committee member and a representative for Slovenia in the H2020 COST Action »Nano2Clinic«.

KEY PUBLICATIONS

- N. Kostevšek, et al. *Nanoscale*, 2018, 10, 1308-1321
- N. Kostevšek, et al. *Acta Biomaterialia*, 2017, 59, 303-316
- N. Kostevšek, et al. *Chem. Commun.*, 2016, 52, 378-381
- N. Kostevšek, et al. *J. Phys. Chem. C*, 2015, 119, 16374–16382

SCIENTIFIC DISCOVERIES

- First report about development of hybrid FePt/SiO₂/Au core-shell NPs with dual role: photo-thermal cancer treatment and MRI imaging, with their efficiency demonstrated in vitro
- Development of two new biocompatible, catechol-based ligands for functionalization of nanoparticles

TEACHING AND SUPERVISION ACTIVITIES

- Supervisor of 5 graduate students (bachelor and master thesis)
- Demonstrator for the visitors (primary schools, high schools and other groups) at the Jožef Stefan Institute
- Helping students with disabilities to learn chemistry (work at the Union of the Blind and partially sighted of Slovenia on the preparation of the audio textbooks for chemistry for 1st, 2nd and 3rd year of the gymnasium)

INSTITUTIONAL RESPONSIBILITIES

- Member of the Foundation board of Slovene Science Foundation

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- Member of the Electrochemical Society (ECS)
- Member of the Slovene Society for Microscopy (SDM)
- Member of European Microscopy Society (EMS)
- Member of International Federation of Societies for Microscopy (IFSM)

MAJOR COLLABORATIONS (number of publications)

- Department of Industrial Chemistry “Toso Montanari”, University of Bologna, Italy (1)
- Department of Chemistry, KU Leuven, Belgium (1)
- Department of Applied Science and Technology, Politecnico di Torino, Italy (3)
- School of Pharmacy, Queen’s University of Belfast, United Kingdom (1 published, 3 in preparation)
- University of Ljubljana, Faculty of Medicine, Institute of Cell Biology, Ljubljana, Slovenia (5)