Curriculum vitae

Personal details:

Name: MSc. Patrik Sobolciak, PhD.

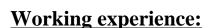
Age: 39

Nationality: Slovakia

E-mail: sobolciak@qmail.com

Researchgate:

https://www.researchgate.net/profile/Patrik-Sobolciak



2023-present Research Associate, Qatar University, Center for Advanced Materials,

P.O. Box: 2713, Doha-Qatar

2020-2023 Post-Doctoral Researcher on the Research Project NPRP12S-0311-

190299: "Development of Novel Polymeric Adsorbent Media for Produced Water Treatment", Quar University Center for Advanced

Materials, P.O. Box: 2713, Doha-Qatar

2018-2019 Post-Doctoral Researcher on the Research Project NPRP 8-878-1-172:

"Rational Design of Environmentally-Friendly Polymer-Carbon Dot Composite Color Light Emitting Diodes for Displays and Solid State Lighting", Qatar University Center for Advanced Materials, P.O. Box:

2713, Doha-Qatar

2015-2018 Post-Doctoral Researcher on the Research Project NPRP 7-1724-3-438:

"Innovative electrospun conductive spider silk nanofibers for human nerve regrowth", Qatar University Center for Advanced Materials, P.O. Box:

2713, Doha-Qatar

2013-2015 Post-Doctoral Researcher on the Research Project NPRP 4-465-2-173:

"New phase change materials with improved heat transfer properties", Qatar University Center for Advanced Materials, P.O. Box: 2713, Doha-

Qatar

2012-2013 Researcher, Polymer Institute of the Slovak of Academy Sciences

Department for Biomaterials research, Dúbravská cesta 9, 845 41

Bratislava-Slovak Republic

Working expertise:

- Water treatment applications, preparation of filters for water treatments, materials for water purification of waste water, adressing of fouling of membranes
- Phase change materials and heat transfers for energy sustainable application
- Preparation and characterisation of various monomers, polymers and nanomaterials
- Various thermal, chemical and spectral expertises



• Co-supervising students for Al-Bairaq program and master students at Qatar University

Outputs: over 50 CC publications and 1 US patent, over 800 citations (h-index 15)

Awards

- Prize of the Minister of Education of the Slovak Republic for scientific research team of 2010
- The award of the second best research poster in Materials Science and Engineering Symposium, Doha, Qatar, 2014
- The award of best research poster in Qatar-UK Research Networking Programme, Doha, Qatar, 2016

Education:

2008 - 2012 PhD. in Macromolecular Chemistry

Polymer Institute of the Slovak Academy of Sciences

Department for Biomaterials research Dúbravská cesta 9, 845 41 Bratislava

Slovak Republic

Dissertation thesis: Synthesis and properties of special materials based on water-soluble polymers

2006 - 2008 MSc. in Environmental Chemistry

Comenius University in Bratislava

Faculty of Natural Sciences

Department of Environmental chemistry,

Mlynská dolina, 842 15 Bratislava 4

Slovak Republic

2002 – 2006 Bc. in Bioorganic Chemistry

Comenius University in Bratislava

Faculty of Natural Sciences

Department of Organic chemistry,

Mlynská dolina, 842 15 Bratislava 4

Slovak Republic

Additional information

Languages: Slovak – native

English – active level Czech – active level German – beginner Arabic – beginner

Driving license: category B, over 200 000 km