COST ACTION GREENERING – DATA COLLECTION

First name, Family Name: Marija Lucic Skoric
Type (Academic or Industrial): PhD
Country: Serbia
Leadership position in the COST: Participant
Working Group in which you are involved: Education and Mobility
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Laboratory/Company:
Innovation Centre of Faculty of Technology and Metallurgy, Belgrade
Polymer Research Laboratory, Faculty of Technology and Metallurgy

Laboratory/Company info (limited to 400 characters):
Innovation Center of Faculty of Technology and Metallurgy (ICTMF) in Belgrade performs tasks in the field of research, experimental and development projects, contributing to creation of new products, technologies, processes and services. ICTMF develops innovations and prototypes, new products, transfers knowledge and technology resulting in sustainable development of the economy and environment.

Link to the home page of the Laboratory/Company:
https://inocentar.tmf.bg.ac.rs/
http://polymlab.tmf.bg.ac.rs/

Fields of expertise (limited to 400 characters):
- Synthesis and characterization of hydrogels.
- Biomaterials.
- Immobilization of titanium dioxide in/on hydrogels.
- Removal and photocatalytic degradation of dyes from textile wastewaters.
- Food packaging materials.

5 Main publications or patents:
- PCT application "Dye scavenger and method of production of dye scavenger" submitted in November 2018
- Terzić I., Ivanović J., Žižović I., Lučić Škorić M., Milosavljević N., Milašinović N., Kalagasidis Krušić M.: A novel chitosan gels: Supercritical CO2 drying and impregnation with thymol, Polymer Engineering and Science 58(12) (2018), 2192-2199.
- Lučić Škorić M., Terzić I., Milosavljević N., Radetić M., Šaponjić Z., Radoičić M., Kalagasidis Krušić M: Chitosan-based microparticles for immobilization of TiO2 nanoparticles and their application for photodegradation of textile dyes, European Polymer Journal 82 (2016) 57-70.
- Lučić M., Milosavljević N., Radetić M., Šaponjić Z., Radoičić M., Kalagasidis Krušić M.:, Photocatalytic Degradation of C. I. Acid Orange 7 by TiO2 Nanoparticles

Immobilized onto/into Chitosan- Based Hydrogel, Polymer Composites 35(4) (2014) 806-815.

- Lučić Škorić M., Milosavljević N, Radetić M., Šaponjić Z. Radoičić M., Kalagasidis Krušić M.: Synthesis and characterization of interpenetrating polymer network based on sodium alginate and methacrylic acid and potential application for immobilization of TiO2 nanoparticles, Polymer Engineering and Science 55(11) (2015) 2511-2518.

Collaborations:

Polymer Research Laboratory have international collaboration with the Institute for Polymers, Composites and Biomaterials, Pozzuoli, Italy. Besides, PRL collaborates with other groups at the Faculty of Technology and Metallurgy, as well as Institutions of the University of Belgrade: Vinča Institute of Nuclear Sciences, Faculty of Pharmacy and Institute for Biological Research “Siniša Stanković”.