



Ing. Monika Majerčíková

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Research

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Education

- 2018- present **Doctor's degree; Macromolecular Chemistry**
Department for Biomaterial Research,
Polymer Institute of the Slovak Academy of Sciences
Faculty of Chemical and Food Technology, STU in Bratislava
Dissertation thesis: *Preparation and biological characterization of combined polymer systems for immunotherapeutical applications*
- 2016-2018 **Master's degree; Plastics, Rubber and Fibres**
Institute of Natural and synthetic Polymers;
Department of Plastics, Rubber and Fibres
Faculty of Chemical and Food Technology, STU in Bratislava
Diploma thesis: *Thermoresponsive block copolymers based on poly(2-oxazoline) for controlled drug delivery*
- 2012-2016 **Bachelor's degree; Chemistry, Medical Chemistry and Chemical Materials**
Faculty of Chemical and Food Technology, STU in Bratislava
Bachelor thesis: *The Usage of Keratin in Biomedical Applications*

Publications

- **Majerčíková, M.**; Nádaždy, P.; Chorvát, D.; Satrapinskyy, L.; Valentová, H.; Kroneková, Z.; Šiffalovič, P.; Kronek, J.; Zahoranová, A. Effect of *Dexamethasone* on *Thermoresponsive Behavior of Poly(2-Oxazoline) Diblock Copolymers*. *Polymers* 2021, 13, 1357.
- Paulovičová, E.; Kroneková, Z.; Paulovičová, L.; **Majerčíková, M.**; Kronek, J. *Cell-Mediated Immunoreactivity of Poly(2-isopropenyl-2-oxazoline) as Promising Formulation for Immunomodulation*. *Materials* 2021, 14, 1371
- SALGARELLA, Alice Rita; ZAHORANOVÁ, Anna; ŠRÁMKOVÁ, Petra; **MAJERČÍKOVÁ, Monika**; PAVLOVA, Ewa; LUXENHOFER, Robert; KRONEK, Juraj; LAČÍK, Igor; RICOTTI, Leonardo. *Investigation of drug release modulation from poly(2-oxazoline) micelles through ultrasound*. In *Scientific Reports*, 2018, vol. 8, art. no. 9893
- **MAJERČÍKOVÁ, Monika**** . Novodobé nosiče liečiv. In *Quark : magazín pre vedu a techniku*, 2020, roč. 26, č. 1, s. 40. ISSN 1335-4000.

Awards:

Conferences:

Online Short Talk Student Award

IUPAC MACRO 2020+ – virtual conference -
Jeju Island, **Korea**
Poster

CHEMCYS 2020 - Chemistry conference for
young scientists, Blankenberge, **Belgium**
Presentation

71. Zjazd chemikov 2019 – Vysoké Tatry,
Slovakia
Poster

BYPOS 2019 –Bratislava Young Polymer
Scientists conference, **Slovakia**
Presentation

Cena za vynikajúci príspevok v sekcii
Otvorená sekcia pre študentov

Preveda 2018 - Interaktívna konferencia
mladých vedcov, virtual conference, **Slovakia**
Presentation

ŠVK 2017 – Študentská vedecká konferencia
„Chémia a technológie pre život“, FCHPT STU,
Bratislava, **Slovakia**
Presentation

Cena za vynikajúci príspevok v sekcii
Otvorená sekcia pre študentov

Preveda 2017 – Interaktívna konferencia
mladých vedcov, virtual conference, **Slovakia**
Presentation

Stay abroad:

- 1 week at the Macromolecular Institute in Prague, Czech Republic