***Name, academic position and degree***

**Marin Simeonov Simeonov, assistant professor, PhD**

***Affiliation – research organization, department***

University of Sofia „St. Kliment Ohridski“, Department of Pharmaceutical and applied organic chemitry

***Education***

Bachelor in Computational chemistry – 2011

Master in Polymers – 2012

PhD in Chemistry of highmolecular compounds - 2017

***Academic positions in the last five years***

02.2013 – 02.2016 – PhD student at Department of Pharmaceutical and applied organic chemistry

2015 – 2017 - Assistant at Department of Pharmaceutical and applied organic chemistry

Since May 2017 - Assistant professor at Department of Pharmaceutical and applied organic chemistry

***Main research area and subareas***

Polymer hydrogels, polymer networks, drug delivery systems, based on polymers, organic-inorganic hybrid materials for aplication in dentistry and orthopedy

***Additional research areas and subareas***

Thermal analysis of polymers, conductive polymers, polyelectrolytes and polyelectrolyte complexes

***Specializations abroad and international collaborations***

Feb-Mar 2011 NMR AVANCE basic course, Rheinstetten, Germany

June-July 2014 AF4 training, Dresden, Germany

Dec-Feb 2015 AF4 training, Dresden, Germany

Sept 2015 AF4 training, Dresden, Germany

19 June – 23 June – Summer School “Introduction in X-Ray powder diffraction”, UCTM, Sofia

***Scientific awards and membership in scientific societies***

Award for Outstanding young polymer chemist, 2017

Award for best oral presentation at annual scientific session „Young scientists in the polymer area“ 2016

Award for best poster presentation at annual scientific session „Young scientists in the polymer area“ 2015

***Selected publications***

1. [Bonchev, A., Simeonov, M., Vasileva, R. (2018), *Review: A Biomimetic Approach for Human Enamel Remineralization, International Journal of Science and Research, 7(10), 1416-1420,* doi:10.21275/ART20192197](https://www.google.bg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&cad=rja&uact=8&ved=2ahUKEwjvqub18t3gAhWv2OAKHWxrCXUQFjABegQIEBAC&url=https%3A%2F%2Fwww.ijsr.net%2Farchive%2Fv7i10%2FART20192197.pdf&usg=AOvVaw0LqfceH1RYUv5_VHeUC7IP)

*2.* [Lesov, I., Valkova, Z., Vassileva, E., Georgiev, G., Ruseva, K., Simeonov, M., Tcholakova, S., Denkov, N., Smoukov, S.(2018), *Bottom-Up Synthesis of Polymeric Micro- and Nanoparticles with Regular Anisotropic Shapes., Macromolecules,* 51, *7456−7462; doi: 10.1021/acs.macromol.8b00529*](https://pubs.acs.org/doi/10.1021/acs.macromol.8b00529)

3. [Simeonov, M., Monova, A., Kostova, B., & Vassileva, E. (2017). *Drug transport in stimuli responsive acrylic and methacrylic interpenetrating polymer networks. Journal of Applied Polymer Science, 134(42), 45380;* doi:10.1002/app.45380](https://onlinelibrary.wiley.com/doi/abs/10.1002/app.45380)

4. [Simeonov, M. S., Apostolov, A. A., & Vassileva, E. D. (2016). *In situ calcium phosphate deposition in hydrogels of poly(acrylic acid)–polyacrylamide interpenetrating polymer networks. RSC Advances, 6(20), 16274–16284;* doi:10.1039/c5ra26066c](https://pubs.rsc.org/en/content/articlelanding/2016/ra/c5ra26066c#!divAbstract)

5. [Simeonov, M., Kostova, B., & Vassileva, E. (2016). *Interpenetrating polymer networks of poly(methacrylic acid) and polyacrylamide: synthesis, characterization and potential application for sustained drug delivery. RSC Advances, 6(69), 64239–64246;* doi:10.1039/c6ra14067j](https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra14067j#!divAbstract)

6. [Simeonov, M., Kostova, B., & Vassileva, E. (2015). *Interpenetrating Polymer Networks of Poly(Acrylic Acid) and Polyacrylamide for Sustained Verapamil Hydrochloride Release. Macromolecular Symposia, 358(1), 225–231.* doi:10.1002/masy.201500014](https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.201500014)

7. [Simeonov, M., Yankova, I., Apostolov, A.A., Vassileva, Е., Rabadjieva, D., Tepavitcharova, S. (2011).](https://nsc-nt.ipc.bas.bg/page/en/details.php?article_id=188) *[Calcium Phosphates Precipitation In Gelatin Nanocapsules Colloidal System](https://nsc-nt.ipc.bas.bg/page/en/details.php?article_id=188)*[,](https://nsc-nt.ipc.bas.bg/page/en/details.php?article_id=188) *[Nanoscience&Nanotechnology, 11](https://nsc-nt.ipc.bas.bg/page/en/details.php?article_id=188)*