

Julia Rogowska-Tylman

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Graduated from the Faculty of Medicine of the Medical University of Warsaw in the field of dental materials in 2011 and the Faculty of Materials Science and Engineering of the Warsaw University of Technology in a field of biomaterials in 2014. In 2015 became the founding member of the Polish Nanomedicine Association. Currently, PhD student at Warsaw University of Technology and postgraduate student at MBA – Innovation and Data Analysis studies at IPI PAS (Poland)/ Woodbury School of Business, Utah Valley University (USA).

Her research work mainly focuses on surface modification of metallic, ceramic and polymeric implants with bioactive nanoparticles by ultrasonic coating and fabrication and pre-clinical studies of fibrous polymer implants for maxillo-facial and oral surgery and implantology.

Experience:

- 2013 Internship student at National Institute for Materials Science, International Center for Materials Nanoarchitectonics (MANA), Biomaterials Unit, Biometals Group, Tsukuba, JAPAN
- Since 2014 Research Associate at Laboratory of Nanostructures for Photonics and Nanomedicine, Institute of High Pressure Physics, Polish Academy of Sciences
- Since 2014 PhD studies at Faculty of Materials Science and Engineering Warsaw University of Technology. PhD thesis studies conducted at Laboratory of Nanostructures IHPP PAS.
- Since 2015 Secretary of the Board at Polish Nanomedicine Association
- 01.2016 - 11.2016 Guest PhD student – *HAPfibers project* at Swiss Federal Laboratories for Materials Science and Technology (EMPA), St.Gallen, SWITZERLAND

Recent publications:

- 1) M.S. Enayati, T. Behzad , P. Sajkiewicz, R. Bagheri, L. Ghasemi-Mobarakeh, S. Kuśnieruk, **J. Rogowska-Tylman**, Z. Pahlevanneshan, E. Choińska and W. Świążzkowski *Fabrication and characterization of electrospun bionanocomposites of poly (vinyl alcohol)/nanohydroxyapatite/cellulose nanofibers* INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, 2016, VOL. 65, NO. 13, 660–674.
- 2) **J.Rogowska-Tylman**, N. Saha, A. Chodara, O. Zandraa, W. Łojkowski, P. Sáha Monograph, Nanotechnological approach to bacterial cellulose/nanohydroxyapatite biocomposites fabrication for bone regeneration, Faculty of Chemical and Process Engineering, Warsaw University of Technology, 2018. ISBN: 978-83-936575-5-1.