



WORKSHOP

Green nanochemistry - application of the *safe by design* principle for obtaining new nanomaterials

07.06.2018

Program

12.00 - 12.10	Prof. Dr. Vasile OSTAFE Opening word – project presentation
12.10 - 12.15	Conf. Dr. Cătălina Ancuța Opening speech from the leadership of the Faculty of Chemistry, Biology, Geography
	Session 1 Chairman Prof. Dr. Mihai Putz
12.15 - 12.45	Prof. Dr. Vasile OSTAFE <i>Safe by design</i> principle
12.45 - 13.15	Prof. Dr. Adriana Isvoran, A computational approach of the concept of <i>safe by design</i> . Application for chitin and chitosan oligomers
13.15 - 13.30	Drd. Gheorghita Menghiu, The exposure effect of organisms to nanoparticles and nanomaterials: genetic and epigenetic modifications.
13.30 - 13.45	Break
	Session 2 Chairman Prof. dr. Vasile Ostafe
13.45-14.00	Drd. Bianca Boroș Ecotoxicity of nanomaterials in the aquatic and terrestrial environments

PN3–P3-284/2017 NanoBioMateriale polimerice pentru eliberarea de medicamente: dezvoltarea și implementarea conceptului de safe-by-design care să permită soluții de asistență medicală în condiții de siguranță/ Polymeric NanoBioMaterials for drug delivery: developing and implementation of safe-by-safe-design concept enabling safe healthcare solutions



SOCIETATEA ROMÂNĂ DE BIOCHIMIE ȘI
BIOLOGIE MOLECULARĂ, FILIALA BANAT

14.00-14.15	Drd. Marin Roman, Computational assessment of ADME-Tox profiles of some polylactic acid oligomers
14.15 - 14.30	Drd. Bianca Vulpe, Ecotoxicology test at enzymatic level. Chromatography and spectrophotometer analysis for invertase, sulphatase and acid phosphatase.
14.30 - 14.45	Asist. Dr. Diana Larisa Roman, Safety assessment of poly(3-hydroxybutyrate) small oligomers
14.45 - 15.00	Drd. Adina Matica, Environmental impact of nanoparticles: effect on soil and water microorganisms
15.00 - 15.15	Prof. Dr. Mihai Putz, Orthogonal photochemistry-electrochemistry with molecular machines
15.15 - 15.30	
15.30	Prof. Dr. Vasile Ostafe Concluding remarks

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