

## ORAL PRESENTATIONS

Time	Roma Room	Bucharest Room
	Section 1.1 Advanced Strategies in Chemical Engineering & Biotechnology Chaired by: Sorin Costin Bildea and Oana Parvulescu	Section 2.2 Bioengineering & Biomedical Technologies – eBio-hub Conference* Chaired by: Isabel Carrillo and Horia Iovu
14:30 – 14:50	Keynote S1-KN-ID 137 Tanase Dobre <i>Chemical engineering from beginning until today by paradigms</i>	Keynote S2-KN-ID166 Gratiela Gradisteanu Pircalabioru <i>Revolutionizing type 2 diabetes detection and management through liquid biopsy technology</i>
14:50 – 15:10	S1-O-ID 94 Tanase Dobre <i>Modelling of simultaneous sorption of heavy metals in fixed bed columns</i>	S2-KN-ID165 Ciprian Iliescu <i>Microfluidic platforms for drug discovery</i>
15:10 – 15:20	S1-O-ID 105 Ana-Maria Brezoiu <i>Investigating bilberry polyphenolic extracts composition depending on the extraction parameters and extract purification</i>	S2-KN-ID240 Radu Ionescu <i>Volatolomic studies in biomedical research</i>
15:20 – 15:30	S1-O-ID 107 Ionut Alexandru Popa <i>Modeling of volatile organic compounds flow rate produced in automotive industry by painting with complex solvent paints</i>	
15:30 – 15:40	S1-O-ID 117 Ianis Pompot <i>Analysis of mass transfer for batch cooper cementation for reactor with magnetic mixing of liquid and fixed cementation surface</i>	S2-KN-ID163 Florina S. Iliescu <i>Simple method for biocompatible microneedles fabrication</i>
15:40 – 15:50	S1-O-ID 130 Florin Omota <i>High purity ethyl acetate by a single reactive distillation - dividing wall column</i>	
	S1-O-ID 150 Ionut Banu <i>Modeling and simulation of glycerol esterification with acetic acid in a catalytic divided wall distillation column</i>	
16:00 – 16:10	Biodegradable supported catalyst developed as green strategy in biodiesel synthesis	Jana Ghitman <i>Hybrid fibrous architectures-mediated gene transfer by pDNA nanoparticles into macrophages</i>
16:10 – 16:20	S1-O-ID 218 Sorina Teiusanu <i>View of environmental monitoring data from a cement plant with Gaussian models</i>	S2-O-ID076 Feth Eddine Boukhemacha <i>PEI/DNA polyplexes: complexation, characterization, and in vitro biological investigation</i>
16:20 – 16:30	S1-O-ID 219 Sorina Teiusanu <i>Accomplishment and Operation of Environmental Monitoring Systems at a Cement Plant</i>	S2-O-ID188 Laura-Elena Andrei <i>On-chip device with interdigitated electrodes for electrical bacterial lysis</i>
16:30 – 16:40		S2-O-ID142 Bianca-Maria Tihauan <i>Lipid-based drug delivery systems for biomedical skin regenerative applications</i>
16:40 – 16:50		S2-O-ID154 Maria-Eliza Puscasu <i>Fabrication of a composite scaffold with single alternating layers using a ceramic extrusion-based manufacturing technique</i>
16:50 – 17:00		S2-O-ID133 Ileana Rau <i>Chitosan – molecular mass and deacetylation degree influence</i>
17:00 – 17:30	<b>Coffee Break</b>	

Friday, 6 September 2024

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Poster Sessions – Sections 3, 5 and 6 (Madrid Room)

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