

**chair: Janez Plavec**

**10:30 Ema Guštin**  
Lipid Droplet Formation in HeLa Cervical Cancer Cells Depends on Cell Density and the Concentration of Exogenous Unsaturated Fatty Acids

**10:50 Urška Slapšak**  
Interaction of N-terminus PrP<sup>c</sup> with NCAM Fibronectin Domain

**11:10 Boštjan Petrič**  
Development of Caffeine Biosensors based on Anti-Caffeine Nanobodies and Fluorescent Proteins

**chair: Gabriela Kalčíkova**

**13:00 Ana Bjelić**  
An Effect of Nobel Metals, Support and Operating Conditions of Eugenol Hydrotreatment: A Microkinetic study

**13:20 Evelin Gruden**  
Effect of Biochar Application on Pb and As Mobility in Tailings

**13:40 Nika Osterman**  
NiO Containing Zeolite as Catalyst for Waste Oils Deoxygenation

**chair: Boštjan Genorio**

**17:00 Špela Vičič**  
Key parameters Affecting Drug Release from PCL Nanofibres

**17:20 Janez Slapnik**  
Synthesis of Biocompatibilizer by Graft Polymerization of Lactic Acid onto a Biopolymer and its Use in Preparation of Biocomposites

**17:40 Matic Lozinšek**  
New Development in the Chemistry of Krypton

		PLENARY LECTURES		
	LECTURE HALL 3 (3 <sup>rd</sup> floor)	HALL B	LECTURE HALL 4 (3 <sup>rd</sup> floor)	
		7:30-8:00		
		8:00-8:30	Registration	
		8:30-9:00		
		9:00-9:30	Opening	
		9:30-10:00	Science Behind the Living	
		10:00-10:30		
	Oral presentations - Science behind the Living	10:30-11:00		Oral presentations - Technologies for the Earth and Environment
		11:00-11:30		
	Coffee break (1 <sup>st</sup> and 2 <sup>nd</sup> floor)	11:30-12:00		Coffee break (1 <sup>st</sup> and 2 <sup>nd</sup> floor)
		12:00-12:30	Technologies for the Earth and Environment	
		12:30-13:00		
	Oral presentations - Technologies for the Earth and Environment	13:00-13:30		Oral presentations - Materials for the Future
		13:30-14:00		
	Lunch break	14:00-14:30		Lunch break
		14:30-15:00		
	Poster session (1 <sup>st</sup> and 2 <sup>nd</sup> floor)	15:00-15:30		Poster session (1 <sup>st</sup> and 2 <sup>nd</sup> floor)
		15:30-16:00		
		16:00-16:30	Materials of the Future	
		16:30-17:00		
	Oral presentations - Materials of the Future	17:00-17:30		Oral presentations - Science behind the Living
		17:30-18:00		
		18:00-18:30	Closing ceremony	

**chair: Franc Lobnik**

**10:30 Severina Stavbar**  
Advanced Oxidation Processes for Hospital Wastewater Treatment Containing Antibiotics

**10:50 Ida Kraševc**  
Development of Microextraction Methods for Determination of Benzotriazoles

**11:10 Arijana Filipič**  
Cold Atmospheric Plasma for Inactivation of Plant Viruses

**chair: Matjaž Spreitzer**

**13:00 Žiga Štirn**  
Aminomaleimide as a Key Compound for the Preparation of High Performance Benzoxazine Materials

**13:20 Leonard Moriau**  
Graphene/TiONx/PtCu3/Ir as Oxygen Reduction and Oxygen Evolution Reactions Catalyst for the Regenerative PEM Fuel Cell

**13:40 Matija Gatalo**  
Synthesis of Commercially Viable PtCu3/C ORR Electrocatalyst

**chair: Marina Klemenčič, Aljaž Gaber**

**17:00 Zorica Latinović**  
Disintegrins from the Venom of Vipera Ammodytes Ammodytes Efficiently Inhibit Migration of Breast Cancer Cells

**17:20 Sandi Brudar**  
Use of Differential Scanning Calorimetry and Immunoaffinity Chromatography to Identify Disease Induced Changes in Human Blood Plasma Proteome

**17:40 Urban Košak**  
Development of in Vivo Active Non-Covalent Butyrylcholinesterase inhibitors