

ECSBM 18

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The place where Spectroscopy and Biology Meet

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List of Poster Contributions

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P1	A New Predictive Model for Protein Secondary Structure by Protein Microarray Infrared Imaging. Joelle De Meutter (<i>Université Libre de Bruxelles, Brussels</i>) Flash presentation		
P2	Homo- And Heteroassociations Drive Activation of Erbb3 Timea Váradi (<i>University of Debrecen, Hungary</i>) Flash presentation		
P3	Photoexcitation of the P480 State of Channelrhodopsin-2 Induces a Secondary Photocycle Mattia Saita (<i>Freie Universität Berlin, Berlin</i>)		
P4	Prediction of Radiotherapeutic Toxicity in Prostate Cancer Using Vibrational Spectroscopy of Blood Biopsies Daniel Cullen (<i>Latvia University Of Life Sciences And Technologies, Latvia</i>)		
P5	Ftir High-Throughput Screening for Assessment of the High Pressure Induced Structural Changes in Pork Meat Juice Mara Grube (<i>Translational Bio Spectroscopy (BioSpect), France</i>)		
P6	Automation of Outlier Removal for the Improvement of IR Spectral Histology Applied to Human Colon Cancer Samples Warda Boutegrabet (<i>Technological University Dublin, Ireland</i>)		
P7	Quenching of 2-Aminopurine Fluorescence by the Natural DNA Bases: Resolution of Conflicting Reports Kyle Paterson (<i>University of Edinburgh, UK</i>) Flash presentation		
P8	Identification of Raman Spectral Biomarkers of Treatment Response in High Risk Localised Prostate Cancer Patients Receiving Stereotactic Ablative Body Radiotherapy (SABR) Jade Monaghan (<i>Technological University Dublin, Ireland</i>) Flash presentation		
P9	Potential of Infrared Spectroscopy for Rapid Detection of Soft Rot Enterobacteriaceae Phyto-Pathogens- Pectobacterium And Dickeya Spp. George Abu Aqil (<i>Ben-Gurion University of the Negev, Israel</i>)		
P10	Raman Optical Activity Of 3-Aminoquinuclidine Vladimir Baumruk (<i>Charles University, Czech Republic</i>)		
P11	Effects Of Sulfation and The Environment on the Structure Of Chondroitin Sulfate Studied via Raman Optical Activity Václav Profant (<i>Charles University, Czech Republic</i>) Flash presentation		
P12	Grafting of Oligo(Ethylene Glycol) Functionalized Calix[4]Arene-Tetra-Diazonium Salts on Germanium and Gold Surfaces for Biosensing Applications Pascale Blond (<i>Université Libre de Bruxelles, Belgium</i>) Flash presentation		
P13	Investigations of the Energy Transfer in the Phycobilisome Antenna of Arthrospira Platensis Using Time-Resolved Absorption and Fluorescence Spectroscopy Alexandra Falamas (<i>National Institute for Research and Development of Isotopic and Molecular Technologies, Romania</i>)		
P14	Exciton Annihilation and Transport in Fifth Order Electronic Spectroscopy Constantin Heshmatpour (<i>Charles University, Czech Republic</i>)		
P15	Integrated Microfluidic Device for Water Monitoring Assisted by Surface Enhanced Raman Spectroscopy (Sers) Gauthier Emonds-alt (<i>University of Liège, Belgium</i>)		
P16	Photo-Activation of Mechanosensitive Ion Channels Fucsia Crea (<i>Freie Universität Berlin, Germany</i>) Flash presentation		
P17	High-Resolution Ultrasonic Spectroscopy for Real-Time Monitoring Of Enzymatic Hydrolysis of Milk Proteins Mark Dizon (<i>Unviersity College Dublin, Ireland</i>)		
P18	Potential of Infrared Microscopy to Differentiate between Dementia with Lewy Bodies and Alzheimer's Diseases Using Peripheral Blood Samples and Supervised Multivariate Analysis Ahmad Salman (<i>Shamoon College of Engineering, Israel</i>)		
P19	Screening of Human Serum/Plasma Analytes Using Vibrational Spectroscopy for Early Disease Diagnostics and Therapeutic Drug Monitoring Drishya Parachalil (<i>Technological University Dublin, Ireland</i>)		
P20	Indocyanine Green - Loaded Protein Nanoparticles for Near Infrared Imaging and Targeting of Ovarian Cancer Cells Raluca Andra Borlan (<i>Babeş-Bolyai University, Romania</i>) Flash presentation		
P21	Vibrational Sensitivity Of RROA Spectroscopy to Vitamin B12 and Its Derivatives Ewa Machalska (<i>Jagiellonian University, Poland</i>)		
P22	Optical Activity Study of Carotenoid Microcrystals as An Example of Chirality Induction In Nature Monika Dudek (<i>Jagiellonian University, Poland</i>)		
P23	Multinuclear Ruthenium(II) and Iridium(III) Decorated Tetraphenylporphyrins as Efficient PDT Agents Robert Conway-Kenny (<i>Trinity College Dublin, Ireland.</i>) Flash presentation		

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P25	Using Artificial Amino Acids for Site-Directed Spin Labeling and Epr Spectroscopy Pia Widder (University of Konstanz, Germany) Flash presentation	
P26	Ultrafast Dynamics of Ruthenium Polypyridyl Vibrational Stark Probes in Solution and Bound to DNA Mark Stitch (University College Dublin, Ireland) Flash presentation	
P27	In Vivo Spectroscopic Diagnostics of Lung Carcinoma Using a Raman Microprobe Markéta Fousková (University of Chemistry and Technology, Czech Republic) Flash presentation	
P28	Investigation of the Microenvironment of Pancreatic Ductal Adenocarcinoma by Ftir Imaging Kheiro-Mouna Derfoufi (Université Libre de Bruxelles, Belgium)	
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P30	Bodipy-Based Dyad Photosensitizers For Application In Photodynamic Therapy Piotr Gierlich (Trinity College Dublin, Ireland) Flash presentation	
P31	Raman Spectroscopic Detection of Radiosensitivity Of Gingivobuccal and Breast Carcinoma Cell Lines C. Murali Krishna (Tata Memorial Centre, India)	
P32	Early Detection of Pancreatic Cancer Using 1h Nmr Metabolomics: Prediction Of Pancreatogenic Diabetes Lenka Michálková (University of Chemistry and Technology Prague, Czech Republic) Flash presentation	
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P36	Sers – Based Detection Of Mutations In Dna Aleksandra Jaworska (University of Warsaw, Poland)	
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P38	Decrypting the Spectroscopic and Metabolomic Signature of Pancreatic Adenocarcinoma Vladimir Setnicka (University of Chemistry and Technology Prague, Czech Republic)	
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P41	Influence of Naturally Occuring Synuclein Variants on A-Synuclein Aggregation Christian Scheibe (University of Konstanz, Germany)	
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P43	Lung Cancer Detection by Ir-Imaging Nina Goertzen (Ruhr University Bochum, Germany) Flash presentation	
P44	Oesophageal Cancer and Pre-Cancer Classification with Deep Learning and Chemical Imaging Thi Nguyet Que Nguyen (Technological University Dublin, Ireland)	
P45	Compositional Changes in Subchondral Bone And Calcified Cartilage in An Equine Cartilage Defect Model – a Pilot Study Mikael Turunen (University of Eastern Finland, Finland) Flash presentation	
P46	Spectroscopic investigation of amino acid adsorption and linear polypeptide formation on silica surfaces Alberto Mezzetti (Sorbonne University, Paris, France)	
P47	Near-Infrared Fluorophores-Loaded Nanoparticles: Encapsulation, Stabilisation and Targeting for Ovarian Cancer Cells Andra-Sorina Tatar (Babeş-Bolyai University, Romania)	

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P50	Tamarillo Vibrational Study: Raman and Ir Spectroscopy to Determine Nutraceutical Components <i>Luís A. E. Batista de Carvalho (University of Coimbra, PORTUGAL)</i>	
P51	The Variability of Amyloid Fibrils Structures in Solutions with Different pH <i>Olga Povarova (Institute of Cytology of the Russian Academy of Sciences, Russia)</i>	
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