

ECSBM Flash Presentations – Monday 19th August

Poster	Contribution
P1	A New Predictive Model for Protein Secondary Structure by Protein Microarray Infrared Imaging. Joelle De Meutter (<i>Université Libre de Bruxelles, Brussels</i>)
P2	Homo- And Heteroassociations Drive Activation of Erbb3 Timea Varadi (<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>)
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>)
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>)
P16	Photo-Activation of Mechanosensitive Ion Channels Fucsia Crea (<i>Freie Universität Berlin, Germany</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>)
P23	Multinuclear Ruthenium(II) and Iridium(III) Decorated Tetraphenylporphyrins as Efficient PDT Agents Robert Conway-Kenny (<i>Trinity College Dublin, Ireland.</i>)
P25	Using Artificial Amino Acids for Site-Directed Spin Labeling and Epr Spectroscopy Pia Widder (<i>University of Konstanz, Germany</i>)
P26	Ultrafast Dynamics of Ruthenium Polypyridyl Vibrational Stark Probes in Solution and Bound to DNA Mark Stitch (<i>University College Dublin, Ireland</i>)
P27	In Vivo Spectroscopic Diagnostics of Lung Carcinoma Using a Raman Microprobe Markéta Fousková (<i>University of Chemistry and Technology, Czech Republic</i>)
P30	Bodipy-Based Dyad Photosensitizers For Application In Photodynamic Therapy Piotr Gierlich (<i>Trinity College Dublin, Ireland</i>)
P32	Early Detection of Pancreatic Cancer Using 1h Nmr Metabolomics: Prediction Of Pancreatogenic Diabetes Lenka Michálková (<i>University of Chemistry and Technology Prague, Czech Republic</i>)
P39	In-Vitro & Ex-Vivo Studies of Leukocyte Activation Status with Raman Microspectroscopy Neha Chaudhary (<i>Technological University Dublin, Ireland</i>)
P42	Vibrational Spectroscopy and Metabolomics – a Complex Approach in the Search for Biomarkers Of Alzheimer’s Disease Lucie Habartova (<i>University of Chemistry and Technology Prague, Czech Republic</i>)
P43	Lung Cancer Detection by Ir-Imaging Nina Goertzen (<i>Ruhr University Bochum, Germany</i>)
P45	Compositional Changes in Subchondral Bone And Calcified Cartilage in An Equine Cartilage Defect Model – a Pilot Study Mikael Turunen (<i>University of Eastern Finland, Finland</i>)
P52	Spectroscopic Study of the Binding Interactions of Non-Canonical Dna by a New Ruthenium Polypyridyl Probe Dorottya Krizsan (<i>University College Dublin, Ireland</i>)
P54	Time-Resolved Infrared Spectroscopy to Study Lipid-Induced Dynamics of Membrane Proteins by Quantum Cascade Lasers Paul Stritt (<i>University of Konstanz, Germany</i>)
P57	A Graphical Tool for High-Throughput Preprocessing and Analysis of FTIR Imaging Data Carl Troein (<i>Lund University, Lund, Sweden</i>)
P58	Detection of Lactose Variation in Dried Milk Sample Using Raman and Ftir Hyperspectral Imaging Vicky Caponigro (<i>University College Dublin, Ireland</i>)
P59	Infrared Chemical Imaging of Fungal Decomposition at a Single-Cell Level Michiel Op De Beeck (<i>Lund University, Lund, Sweden</i>)
P60	Detection of Amyloid-Beta Deposits using Spontaneous and Stimulated Raman Spectroscopy Benjamin Lochocki (<i>VU Amsterdam, The Netherlands</i>)
P63	A Graphical Tool for Analysis Of Chemometric Microspectroscopy Data Syahril Siregar (<i>Lund University, Lund, Sweden</i>)
P65	Nanoparticles Dimers Assembled Using Dna Origami for Sers Enhancement Factors Determination Sergio Kogikowski Jr (<i>University of Potsdam, , Germany</i>)
P68	Support of Biological Substrates on Functionalised Gold Microcavity Arrays Platforms using PDMS Microcontact Printing Shane Maguire (<i>Dublin City University, Ireland</i>)