



University
of Glasgow



11th WestCHEM Research Day



Monday 10th August 2015

Sponsors:



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Main Lecture Theatre (B419)
School of Chemistry
Joseph Black Building
University of Glasgow
University Avenue
Glasgow G12 8QQ

Programme Monday 10th August 2015

9:00 **Tea/Coffee & Registration**

9:25 **Opening Remarks – Dr Mark Murrie**

Session 1: Chair: Dr Alexey Ganin

9:30 **Irene Cascallana (GU)**

"Synthesis and characterisation of solid state electrolytes for Li ion batteries"

9:55 **Marina Uzelac (SU)**

"Rational design of Normal, Abnormal and Anionic NHC-Ga complexes"

10:20 **Qi Zheng (GU)**

"Following the Reaction of Heteroanions inside a $\{W_{18}O_{56}\}$ Polyoxometalate Nanocage by NMR Spectroscopy and Mass Spectrometry"

10:45 **Katie Dryden-Holt (RSC)**

"The Royal Society of Chemistry: support for early career researchers"

11.00 – 11:25 Tea/Coffee Break

Session 2: Chair: Dr Steven Magennis

11:25 **Greg Anderson (SU)**

"The Role of Organic Electron Donors in Transition Metal-Free Biaryl Coupling Reactions"

11:50 **Dr Affar Karimullah (GU)**

"Plasmonics & Superchiral Spectroscopy"

12:15 **Rachel Norman (SU)**

"Molecular Identification of Explosives by a New Class of SERS Immunoassay"

12:40 – 14:00 Free Time (Registration for Afternoon Session between 13:50 and 14:00)

Session 3: Chair: t b a

14:00 **Ludovic Decultot (GU)**

"Towards the Total Synthesis of Amphidinolides C and F"

14:25 **Magdalena Switnicka-Plak (SU)**

"Robust Affinity Materials for Applications in Proteomics and Diagnostics"

14:50 **Riccardo Zambelloni (GU)**

"Design, Synthesis and Biological Evaluation of New Potential Anti-Virulence Drugs"

15:15 **Joanna Sadler (SU)**

"Structure and Mechanism of NovO: A Platform for the Evolution of Aromatic C-Methyltransferases for Biocatalysis "

15:40 – 16:00 Tea/Coffee Break

Session 4: Chair: Dr Mark Murrie

16:00 **KEYNOTE SPEAKER: Dr Paul Lusby (University of Edinburgh)**

"Synthetic Coordination Capsules"

16:45 **Closing Remarks**

**Wine Reception
Conference Room**