

PROGRAMME

RSC ORGANIC DIVISION MIDLANDS REGIONAL MEETING - Tue 19 March, 2019 MS.01, Zeeman Building, Department of Maths & Statistics

10.00-10.40 *Refreshments and poster set up*

Session 1

10.40-10.45 Welcome Prof Mike Shipman

10.45-11.15 **Dr Brian Cousins, Loughborough University**
Next Generation Pre-Polymer Coatings for Endothelialisation of Cardiovascular Biomaterials

11.15-11.45 **Dr Sarah-Jane Richards, University of Warwick**
Combinatorial Discovery of Antimicrobial Copolymers Using 'In-air' Photochemical Polymerisation

11.45-12.15 **Dr Giovanni Bottegoni, University of Birmingham**
In Silico Polypharmacology

12.15-12.45 **Dr Timothy Craggs, University of Sheffield**
DNA Flexibility as a Marker of Aberrant DNA Structure

12.45-14.00 *Buffet lunch, poster viewing and exhibitors*

Session 2

14.00-14.30 **Dr Warren Cross, Nottingham Trent University**
Post-Synthetic Modification of Peptides by C-H Functionalization

14.30-15.00 **Dr Richard Doveston, University of Leicester**
Stabilising Protein-Protein Interactions: A Challenge for Ligand Discovery

15.00-15.30 **Dr Nicholas Mitchell, University of Nottingham**
Accelerated Protein Synthesis via Diselenide-Selenoester Peptide Ligation

15.30-16.00 *Refreshments*

Session 3

16.00-16.15 **Award & Poster Presentation**
Dr Paul Davies
Dr Sam Coe, Senior Research Chemist, Charnwood Molecular Ltd

16.15-17.15 **RSC Natural Produce Chemistry Award Lecture**
Prof Bradley Moore, University of California at San Diego
Connecting Genes to Chemistry to Empower Natural Product Discovery and Synthesis

Wine reception