

# RSC South-West Regional Meeting 2025

**Friday 24th January 2025**

East Building, Lecture Theatre EB 1.1, University of Bath, Bath, BA2 7AY

- 10.00-10.30 Registration and Refreshments
- 10.30-10.40 Welcome (Dr Susannah Coote, University of Bath)
- 10.40-11.10 **Dr Kenny Ling** (Syngenta)  
*Scaffold-hopping, Bioisosterism and Structure-Based Design in the Development of Novel Acyl-ACP Thioesterase (FAT) Inhibitors as Potential Herbicides*
- 11.10-11.40 **Dr Fabrizio Pertusati** (Cardiff University)  
*Phosphoramidate Chemistry: From Nucleoside Analogues to Carbohydrates*
- 11.40-12.10 **Dr Michael Tilby** (University of Bristol)  
*Exploring Quantum Mechanical Tunnelling in Synthetic Systems*
- 12.15-14.15 Lunch, Posters and Exhibitors
- 14.15-14.45 **Dr Alex Cresswell** (University of Bath)  
*New Strategies for Modular & Automatable Synthesis of Saturated N-Heterocycles*
- 14.45-15.15 **Dr Mauricio Cafiero** (University of Reading)  
*Generating Robust, Diverse and Selective Libraries of Molecules using a Molecule GPT: Application to Statin Drugs*
- 15.15-15.45 **Dr Jonathan George** (University of Southampton)  
*Meroterpenoid Logic in Total Synthesis*
- 15.45-16.15 Refreshments, Posters and Exhibitors
- 16.15-17.15 **Prof. Yimon Aye** (University of Oxford)  
*Gut Feeling: Illuminating Atypical Stress-Sensing Mechanisms in the Gut Empowers New Therapeutic Opportunities*
- 17.15-17.30 Poster Prize Presentations & Closing Remarks