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**Dial-a-Molecule Annual Meeting 2019 – Sustaining Chemical Synthesis**

**Day 1 – 3rd July 2019**

**10:15-10:45 Coffee and registration**

**10:45–12.40 Opening Session  
Chair: Prof. Richard Whitby**

10.45–10.55. Welcome, housekeeping etc.

10.55–11.35. **Keynote lecture** – **Simon Yates** (AstraZeneca)  
*Dial-a-Molecule Technologies at the Industrial (Coal) Face*

11.35–12.00. **Dr. Natalie Fey** (University of Bristol)  
*Data-driven discovery and optimisation of organometallic catalysts*

12:00–12.25 **Prof. Ian Fairlamb**, (University of York)  
*Approaches to the study of a Pd-catalysed reaction with multiple catalytic cycles delivering many organic products*

12:25–12.40 Exhibitor flash talks

12:40-12:45 Introduction to Breakout session

**12.45–14.00 Lunch and Exhibition   
*Tours available to see York Chemspeed***

**14.00–15.00 Breakouts**

Breakout 1 The 21st-Century ‘Well-Found’ Academic Lab

Breakout 2 Training needs for the 21st-Century chemist

Breakout 3 NIH NCATS ASPIRE programme

**15.00–15.45 Coffee and Exhibition**

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**15.45–17.30 Celebrating achievements of Dial-a-Molecule  
Chair:**

15:45-16:05 **Prof Richard Whitby** (University of Southampton; Dial-a-Molecule PI)  
*Overview of Dial-a-Molecule achievements*

16:05-16:20 **Dr. Marc Reid**, (University of Strathclyde)   
*Computer Vision in Chemical Research*

16:20-16:35 **Dr. Alex Cresswell**, (University of Bath)  
*Dial-an-Amine: New Strategies for Amine Synthesis*

16:35-16:50 **Dr. Alastair Lennox** (University of Bristol)  
*Electrochemical difluorination of alkenes*

16:50-17:15 ***ROAR – a major Dial-a-Molecule success story*; Prof Mimi Hii** (Imperial College London)

**17.15–19.30 Poster session, Exhibition and Networking   
*With drinks and pizza – sponsored by Syngenta***

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**Day 2 – 4th July 2019 Morning**

**9.00–10.00 Celebrating achievements of Dial-a-Molecule (cont)  
Chair:**

9:00-9:15 **Dr. Richard Bourne** (University of Leeds)   
*Cognitive Chemical Manufacturing*

9:15-9:30 **Prof. Alexei Lapkin** (University of Cambridge)  
*Combining Chemical Robotics and Statistical Methods to Discover Complex Functional Products;*

9:30-9:45 **Dr. Louis Morrill** (Cardiff University)  
*Developing Continuous Electroorganic Catalysis - It's Got Potential*

9:45-10:00 **Dr. Bao Nguyen** (University of Leeds)   
*Water as synthetic reaction medium: realising its green chemistry credentials*

10:00-10:05 Intro to parallel workshops

**10:05-11:10 Coffee + Parallel workshops from partner networks**

Learn how you can interact with our partners and help them drive forward the aims of Dial-a-Molecule in the future

AI3SD+  
ROAR  
SMART

**11.10–12.00   
Chair: Prof. Mimi Hii**

**Keynote lecture** – **Prof. Anita Maguire** (University College, Cork)  
*Taming Diazo Chemistry in Flow*

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**Day 2 – 4th July 2019 Afternoon**

**Dial-a-Molecule Annual Meeting   
Joint session with Dial-a-Molecule/Directed Assembly Networks’ ECR event**

**12.00–13.00 Lunch and exhibition**

**13:00-14:45 Annual Meeting joint session with ECR event   
Chair: Dr Will Unsworth**

13:00-13:10 Welcome to ECRs and Introduction to the afternoon

13:10-14:00 **Keynote lecture** – **Prof. Martin Burke** (University of Illinois), sponsored by AstraZeneca  
*Democratizing Synthesis*

14.00–14.45. **Prof.** **Adam Nelson** University of Leeds  
*How Best to Discover Novel Bioactive Small Molecules?*

**Close of Annual Meeting**

**14.45–15.15 Coffee and exhibition**

***Attendees registered for the Annual Meeting are welcome (and encouraged) to stay for the following ECR event session***

**15.15–17.30 ECR event session 2  
Chair: Dr. Jona Foster**

15.15–16.45 **ECR flash talks.**

16.45–17.30. **Dr.** **Sarah Staniland** University of Sheffield  
*Nature's materials: a journey to the nanoscale*