

Tuesday 5th October 2021

From 1:00 pm (BST) / 2:00 pm (CET) / 8:00 am (ET)

Chair: Dr Sam Whitmarsh, Director of Process Research and Development, CatSci Ltd

- 1:00pm **Networking session**
- 1:20pm **Opening remarks by Dr Sam Whitmarsh**
- 1:25pm **Dr Phillip Inglesby** – AstraZeneca, UK
Diethanolamine boronic esters: A new class for pharmaceutical manufacturing processes
- 2:00pm **Dr Alice Dunbabin** – CatSci Ltd, UK
Ketoreductase biocatalysis in the synthesis of chiral intermediates toward generic APIs
- 2:35pm **Networking session**
- 2:55pm **Dr Calvin Sun** – University of Minnesota, US
Enhancing pharmaceutical properties of drug through spherical crystallization
- 3:30pm **Silas Adekunle** – Reach Industries, UK
The Hidden Key to the Lab Of the Future
- 4:05pm **David Parry** – DeepMatter, UK
Automation, AI and Chemistry: A personal journey
- 4:40pm **Networking Session**

Wednesday 6th October 2021

From 1:00 pm (BST) / 2:00 pm (CET) / 8:00 am (ET)

Chair: Dr Sam Whitmarsh, Director of Process Research and Development, CatSci Ltd

- 1:00pm **Networking session**
- 1:20pm **Opening remarks by Dr Sam Whitmarsh**
- 1:25pm **Dr Georg Wuitschik** – F. Hoffmann-La Roche Ltd, Switzerland
Making high-throughput experimentation more accessible and efficient
- 2:00pm **Dr Theodore Martinot** – FogPharma, US
Process safety assessment and route selection strategy for the synthesis of substituted oxadiazoles
- 2:35pm **Networking session**
- 2:55pm **Dr Megan Shaw** – MSD, US
Biocatalytic redox reactions for green and sustainable processes
- 3:30pm **Dr Michael Parmentier** – Novartis Pharma AG, Switzerland
Surfactant in water enabling C-C bond formation: Catalysis in action!
- 4:05pm **Seb York** – CatSci Ltd, UK
Talent acquisition in the pharmaceutical sector: Has Covid-19 pandemic obliged us to improve?
- 4:40pm **Networking Session/Quiz**

Thursday 7th October 2021

From 3:30 pm (BST) / 4:30 pm (CET) / 10:30 am (ET) / 7:30 am (PT)

Chair: Dr Sam Whitmarsh, Director of Process Research and Development, CatSci Ltd

- 3:30pm **Networking session**
- 3:50pm **Opening remarks by Dr Sam Whitmarsh**
- 3:55pm **Nessa Carson** – Syngenta, UK
Sowing the seeds for discovery: Automated reaction optimization in agrochemistry
- 4:30pm **Dr Martin Eastgate** – Bristol-Myers Squibb, US
Innovation in the synthesis of complex pharmaceuticals
- 5:30pm **Dr Johnathan Matlock** – Argonaute RNA Ltd, UK
Argonaute RNA: Developing next generation siRNA gene silencing therapies for blockbuster indications
- 6:05pm **Networking Session**