



SCIENTIFIC UPDATE

We've got chemistry



8th Winter Process Chemistry Conference

5 – 7 December 2022 | Newcastle, United Kingdom

Monday 5th December 2022

11.45 Registration

12.30 Buffet Lunch and Visit Exhibition Booths

Afternoon Session Chair | **Dr John Studley**, Scientific Update Ltd

13.10 Opening Remarks

Dr Thomas Ronson | AstraZeneca, Country

13.15 Development of a scalable and economical route to a mineralocorticoid receptor modulator, balcinrenone

Professor Ian Fairlamb | University of York, UK

14.00 Breaking Down the Complexity in Pd-Catalyzed Cross-Couplings: The Importance of HTE and Data Analysis

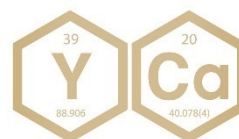
Dr Christoph Schotes | Bayer AG, Germany

14.45 Industrial-Scale Enantioselective Hydrogenation using Pfaltz-Type Catalysts: From Ligand Design to Ligand Production

15.30 Coffee Break and Visit Exhibition Booths

Young Chemist Award

16.00 Presentations from Short Listed Candidates
see page 3



YOUNG CHEMIST AWARD

17.00 Poster Session

18.00 – **End of Day 1**

20.00 [Networking and Exhibitor Artisan Drinks Reception](#)



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Tuesday 6th December 2022

Morning Session Chair

8.55 Opening Remarks

9.00 **Dr Susana Lucas** | Hovione, Portugal
Title to be confirmed

9.45 **Dr Charlotte Willans** | University of Leeds, UK
Title to be confirmed

10.30 **Young Chemist Award Announcement**

10.35 Coffee Break and Visit Exhibition Booths

11.00 **Dr Kurt Puentener** | F. Hoffmann-La Roche, Switzerland
Highlights & New Insights in Asymmetric Hydrogenation of Keto (Enol) Esters

11.45 **Dr William Gallagher** | Bristol Myers Squibb, USA
Resolution of racemates: from classical to contemporary

12.30 Buffet Lunch and Visit Exhibition Booths

13.30 – 18.30 **Quotient Site Visit – Invitation Only**

There will be a chance to visit the amazing Quotient Facility in Alnwick, this hosted visit will be invitation only, but you are welcome to register your interest and we will confirm nearer the date if we can offer you a place. There will be a tour of the facility, short presentation and a drinks reception at the end. Transportation to and from the facility is included.



Quotient
Sciences

End of Day 2



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Wednesday 7th December 2022

Morning Session Chair | **Dr John Studley**, Scientific Update Ltd

8.55 Opening Remarks

9.00 **Dr Felicity Roberts** | Quotient Sciences
A Practical Approach to Kilo Scale Synthesis in Daisy Chained Flow Reactors

9.45 **Dr Alice Dunbabin** | CatSci, UK
Title to be confirmed

10.30 Coffee Break and Visit Exhibition Booths

11.00 **Dr Ian Moses** | Pfizer, UK
Evolving Routes To PF-06878031. A story of selectivity; The highs and the lows

11.45 **Professor Heidrun Gruber-Woelfler**, University of Graz, Austria
Novel Approaches in Continuous Flow Calorimetry

12.30 **End of Day 3 and Conference**
[Boxed lunch available](#)

Optional Short Course - Organofluorine Chemistry- Past, Present and Future
Dr John Studley – Scientific Update Ltd

14.00 – 17.00 With a dramatic increase in the use of fluorine and fluorine containing functional groups in drugs, agrochemicals and advanced materials over the past decade, so the demand for safe, robust and scalable carbon-fluorine bond forming reactions has grown. Development of mild synthetic methods for late stage functionalization of complex molecules has led to advancements in the formation of both aryl- and alkyl-fluorine bonds under mild conditions with high efficiency and selectivity.

The aim of this short course is to highlight the reasons fluorine is ubiquitous in the pharmaceutical and fine chemical industries, summarize the traditional methods for preparing organofluorine compounds and highlight new developments in the field.

Short Course Fee = £199.00 + VAT



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Young Chemist Award

Presentations from the following short-listed candidates...



YOUNG CHEMIST AWARD

To be confirmed.



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