

Uranium 92 <b>U</b> 238.03	Potassium 19 <b>K</b> 39.098
Arsenic 33 <b>As</b> 74.922	Fluorine 9 <b>F</b> 18.996

"The primary showcase of chemical technologies since 1996"

## UKASF 2015 – Sygnature Discovery, BioCity, Nottingham

### AGENDA

Wednesday 11<sup>th</sup> November

10.30am Arrival and Tea and Coffee; Exhibition

#### 11:00am Meeting Opens

11.00 Welcome introduction / housekeeping

**Simon Hirst**, Sygnature Discovery

11.10 The UKASF

**Jason Tierney**, Charles River

#### 11:15am Session 1: Exhibitor Flash Presentations 1

**Chair: Tobias Mochel**

11:15 Advion

**Andrew Baker**, Advion

11:20 ARC Sciences

**Simon Lambert**, ARC Sciences

11:25 Asynt Ltd.

**Martyn Fordham**, Asynt Ltd

11:30 Biotage

**Greg Saunders**, Biotage

11:35 CatSci Ltd.

**Ross Burn**, CatSci Ltd.

11:40 Cheshire Sciences Ltd

**Colin Banks**, Cheshire Sciences

11:45 Genevac / S P Scientific

**Alison Wake**, S P Scientific

11:50 Lunch/Coffee break; Exhibition

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### **1:00 pm      Session 2    Post Reaction Processing**

**Chair: Paul Blaney**

1:00	BioChromato Smart Evaporator	<b>Martyn Fordham</b> , Asynt Ltd.
1:15	Genevac HTS3, next generation parallel evaporation	<b>Ian Whitehall</b> , S P Scientific
1:30	Combining Flash and LC-MS with MDFC for Enhanced Peptide Purification	<b>Simon Lambert</b> , ARC Sciences
1:45	User perspective: Advion TLC/MS plate express/ Smart evaporator	<b>Tom McNally</b> , U of Nottingham
2:00	Extrahera	<b>Greg Saunders</b> , Biotage
2:10	Shimadzu C2P user perspective	<b>Andrew Ledgard</b> , Lilly
2:20	Post Reaction Cleanup Using Solid Phase Extraction	<b>Richard Robinson</b> , Waters
2:30	Waters Oasis –polymeric ion exchange, user perspective	<b>Tom McNally</b> , U of Nottingham
2:40	PuriFlash 4250-MS system user perspective	<b>Jenny Kingston</b> , Astrazeneca
2:50	A consumers analysis of C18 flash columns	<b>Sam Bradley</b> , Sygnature Discovery
<b>3:00</b>	Tea/Coffee break; Exhibition	

### **3:35pm      Session 3: Exhibitor Flash Presentations 2**

**Chair: Andrew Ledgard**

3:35	Gilson	<b>Tim Bunce</b> , Gilson
3:40	Grace Scientific Co.	<b>David Warburton</b> , Grace Scientific
3:45	Pacific Microwave	<b>Aki Tomita</b> , Pacific Microwave
3:50	Evolution of the H cube system at Syngenta, Uk	<b>Gary Walters</b> , Syngenta
3:55	TTP Labtech	<b>Simon Tullett</b> , TTP Labtech Ltd.
4:00	Uniqsis	<b>Mark Ladlow</b> , Uniqsis Ltd.
4:05	Vapourtec	<b>Stacey Crane</b> , Vapourtec Ltd.

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4:10	Dial-a-Molecule - the end of the beginning	Gill Smith/Mimi Hii, Imperial College
4:30	Session ends: Wine reception, exhibition	
7:00	Symposium Dinner at Missoula Montana Bar and Grill, 7 High Pavement, The Lace Market, Nottingham, NG1 1HF	

### Thursday 12<sup>th</sup> November

**9:00am**      **Tea/Coffee; Exhibition**

**9.30am**      **Session 4      Closed Loop Optimisation**

**Chair: Tom McNally**

9:30	Bayesian target optimisation for discovery of new formulation recipes and its link with fundamental process model development	Alexei Lapkin, U of Cambridge
9:55	Multiparameter Closed Loop Optimisation for Synthesis and Medicinal Chemistry	Gary Tarver, Cyclofluidic Ltd.
10:15	Automated Optimisation of Continuous Flow Reactors	Richard Bourne, U of Leeds
10:40	Amigo Chem and Anachem reaction optimisations systems	Coleen Robinson, Astra Zeneca

**11:00am**      **Tea/Coffee break; Exhibition**

**11:30am**      **Session 5 New Synthesis/ Discovery Paradigms 1**

**Chair: Robin Wilkes**

11:30	Continuous Photochemistry Enabled by the UV-150 Photo- Reactor: Flow Synthesis of Pyrrolo[1,4-a]quinolines and Ibuprofen	Marcus Baumann, U of Durham
11:50	Visible-Light Photoredox Catalysis using a Vapourtec UV-150 Coil: A User Perspective	Joshua Barham, U of Strathclyde
12:10	‘Chemosquito’ –high throughput chemical synthesis	Gillian Lewis, TTP Labtech Ltd.

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12:25      An orthogonal biocatalytic approach for the safe  
Generation and use of HCN in a multi-step continuous  
preparation of chiral O-acetylcyanohydrins      **Biagia Musio**, U of Cambridge

12:40pm      **Lunch/Coffee; Exhibition**

**1:25pm      Session 6 New Synthesis/ Discovery Paradigms 2      Chair: Melanie Bayford**

1:25      Enabling tools for Discovery and Development  
Chemistry      **Ross Burn**, CatSci Ltd.

1:40      Real life chemistry problems solved using flow and  
recent advances from this area      **Ildiko Kovacs**, ThalesNano

1:55      Continuous flow syntheses using a new type of  
microwave applicator      **Yoshitaka Hamashima**, U of Shizuoka

2:15      Can automation play a leading role in developing  
a smart lab      **Paul Kendall**, Festo

2:35pm      Closing remarks      **Jason Tierney**, Charles River

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Synthesis Forum

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**Exhibitors:**

Advion Ltd.  
ARC Sciences Ltd.  
Asynt Ltd.  
Biotage  
CatSci Ltd.  
Cheshire Sciences Ltd.  
Genevac / SP Scientific  
Gilson  
Grace  
Pacific Microwave  
ThalesNano  
TTP Labtech Ltd.  
Uniqsis Ltd.  
Vapourtec Ltd.