

Analytical research forum (ARF24)

18 June 2024 | London, UK



Analytical Research Forum Programme

Exact timings may change as the programme develops.

9:30	Registration and tea/coffee
10.00	Welcome and introductions <i>Vicky Hilborne, University College London, UK</i>
10.05	Session 1
10.05	Title TBC Tony Bristow <i>AstraZeneca, UK</i>
10:30	Unexpected occurrence of “forever chemicals” in the atmosphere above pristine Amazon Forest, Brazil: High resolution mass spectrometry study <i>Ivan Kourtchev, Coventry University, UK</i>
10:45	Measuring Exposure to Volatile Organic Compounds in Hairspray Using Wearable Photoionization Detection Monitor <i>Nour Akrass, UCL, UK</i>
11:00	Developing a new HPLC-MS method to Quantify Terrestrial Secondary Organic Aerosol Markers at Low Concentrations in Antarctic Ice Cores <i>Emilia Bushrod, University of Cambridge, UK</i>
11:15	Short break
11:25	Session 2: Panel Discussion <i>Kemi Oloyede, Imperial College London, UK</i> <i>Claire White, Selden Research Ltd., UK</i> <i>Melissa Hanna-Brown, Pfizer, UK</i> <i>Graeme Turnbull, Northumbria University, UK</i>
12.15	Lunch
13.00	Session 3
13:00	Title TBC Robert Weatherup <i>University of Oxford, UK</i>
13:25	Advancing standardisation and traceability in phenylketonuria (PKU) monitoring <i>Chloe Deaves, LGC, UK</i>
13:40	The Application of Machine Learning to Predict and Solve NMR Spectra in Structure Elucidation <i>Ben Honoré, University of Bristol, UK</i>
13:55	Development of Quantitative LC-MS/MS Assays for Protein Biomarkers of Concentric Left Ventricular Myocardial Remodelling Using a Novel Heavy Labelling Technique <i>Nikita Bhakta, University of Leicester, UK</i>

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14:10	Poster session and tea/coffee
15:30	Session 4
15:30	Title TBC Azzedine Dabo <i>GSK, UK</i>
15:55	Wastewater Analysis for Narcotics Detection by direct-injection LC-MS/MS and LC-QTOF-MS: a spatiotemporal investigation in England <i>Helena Rapp Wright, Imperial College London, UK</i>
16:10	Evosep-timsTOF mass spectrometry for rapid enamel-based proteomic sex determination of archaeological remains <i>Charlotte Blacka, University of York, UK</i>
16:25	Title TBC Julie MacPherson <i>University of Warwick, UK</i>
16:50	Closing remarks and poster prize presentations <i>Vicky Hilborne, University College London, UK</i>
17:00	Drinks reception
18:00	Close