

# Programme

(subject to change)

## DAY 1

Tuesday 1<sup>st</sup> November 2022

TIME (GMT)	EVENT
10:00	<b>Welcome to the Breath Biopsy Conference</b>
	<b>Plenary Session</b>
10:00-11:00	<b>Chris Brightling, Leicester University</b> <i>EMBER - Breathomics for acute and chronic lung disease - getting closer to the clinic?</i>
	<b>Sponsored Talk by Thermo Scientific</b>
11:00-11:30	<b>Wisnave Arulvasan, Owlstone Medical</b> <i>Introducing Owlstone's Breath VOC ATLAS: identification of breath VOCs with TD-GC-Orbitrap Spectrometry</i>
11:30-12:15	<b>Poster Session</b>
12:15-13:00	<b>Lunch Break</b>
	<b>Applications of Breath Analysis</b>
13:00-13:45	<b>Waqar Ahmed, University of Manchester</b> <i>Harnessing metabolomics for breath biomarker discovery towards improved respiratory disease diagnosis</i>
	<b>Anke-Hilse Maitland-Van Der Zee, University of Amsterdam</b> <i>Use of longitudinal breath measurements at home in chronic respiratory patients, future or fiction?</i>
	<b>Sponsored Talk with Element</b>
13:45-14:00	<b>Mark Perkins, Element</b> <i>Selected Ion Flow Tube Mass Spectrometry (SIFT-MS) as a Simple Approach to Breath Analysis</i>
	<b>Applications of Breath Analysis</b>
14:00-15:00	<b>Sarah Bloor &amp; Charlotte Pitcher, Functional Gut Diagnostics</b> <i>The past, present, and future of breath testing for bacterial overgrowth</i>
	<b>Lieuwe Bos, Amsterdam UMC</b> <i>Breath analysis for ARDS diagnosis</i>
	<b>Early Careers Session</b>
15:00-16:00	<b>Angie Davina Tjandra, University of New South Wales</b> <i>Polydiacetylene-based colorimetric sensor array for rapid volatile organic compounds detection to diagnose early lung cancer</i>
	<b>Biljana Gjurova, Fraunhofer Institute for Cell Therapy and Immunology IZI</b> <i>A study to identify Covid-19 marker in exhaled breath by the use of ion mobility spectrometry</i>
	<b>Mark Woollam, Indiana University-Purdue University</b> <i>Canine-Inspired Identification of Exhaled Volatile Organic Compound (VOC) Biomarkers of Disease by Solid Phase Microextraction coupled to Gas Chromatography-Mass Spectrometry</i>
16:00	<b>End of Day One</b>

# DAY 2

Wednesday 2<sup>nd</sup> November 2022

TIME (GMT)	EVENT
10:00	Welcome to Day Two of the Breath Biopsy Conference
	<b>Sponsored Talk with Markes</b>
10:00-10:20	<b>Alexandra Martin, Owlstone Medical on Behalf of Markes</b> <i>Targeting tumour associated aldo-keto reductase with exogenous volatile organic compound (EVOC) Probes using High-Capacity Sorptive Extraction (HiSorb) headspace GCMS to detect lung cancer</i>
	<b>Advances in Technologies in Breath Analysis</b>
	<b>Stamatios Giannoukos, ETH Zürich</b> <i>Advances in breath metabolomics using secondary electrospray ionization high-resolution mass spectrometry.</i>
10:20-12:10	<b>Frederik-Jan van Schooten, Maastricht University</b> <i>Breath collection in animal models: an optimization and case study on abdominal sepsis</i>
	<b>Y Lan Pham, Fraunhofer Institute for Process Engineering &amp; Packaging IVV</b> <i>Cross validation of the peppermint benchmarking study across three analytical platforms</i>
	<b>Pierre-Hugues Stefanuto, University of Liège</b> <i>Induced inflammation on in vitro lung model</i>
12:10-13:00	<b>Lunch and Careers Session</b>
	Hosted by Grace Rowley & Rob Mohny, Owlstone Medical
13:00-13:30	<b>Poster Session</b>
	Poster presentations <i>5 minute presentations of selected conference posters</i>
13:30-14:30	<b>Plenary Session</b>
	<b>Alex Weston, Mayo Clinic</b> <i>Machine learning analysis of volatonic profiles in breath can identify non-invasive biomarkers of liver disease</i>
14:30-16:00	<b>Ask The Expert</b>
	<b>'What are the biggest unanswered questions in breath research?'</b> Billy Boyle, CEO Owlstone Medical to Chair <i>Joined by, Olaf Holz from Fraunhofer Institute for Toxicology and Experimental Medicine (ITEM), Renelle Myers at BC Cancer Agency, Stephen Fowler from The University of Manchester, Terence Risby from Johns Hopkins University and other leaders in the field</i>
16:00	<b>End of Day Two</b>

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