

IMSS - Irish Mass Spectrometry Society

Annual Conference, Wednesday 18th of May, 2022

George Moore Auditorium, UCD Campus, Belfield Dublin 4

Registration fee: €50 + small booking fee

Register and Purchase tickets via Eventbrite at www.imss.ie

Website: www.imss.ie LinkedIn: [Irish Mass Spectrometry Society | Groups | LinkedIn](#)

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08:30 - 09:30	Registration and Breakfast
09:30 - 09:35	Open Meeting
09:30 - 10:30	Keynote Speaker – Dr Geraint Morgan, Open University. Title of talk: <i>‘Down to Earth: from Sniffing Comets, Mars and the Moon to Submarines, Whisky, Perfumes, Cancer and more.....’</i>
10:35 - 10:40	Group Photo
10:40 - 11:00	Break, networking with sponsors/stands and posters
11:00 - 11:30	<i>‘High Resolution Mass Spectrometry – Can it save the Amazon Rainforest?’</i> –Nicholas Birse, Institute of Global Food Security, QUB.
11:30 - 11:45	Student Talk <i>‘Experimental reproducibility limits the correlation between mRNA and protein abundances in tumour profiles’</i> - Swathi Ramachandra Upadhya – Systems Biology Ireland, UCD.
11:45 - 12:00	Student Talk <i>‘Predictive Biomarkers for Autism Spectrum Disorder: A Metabolomics Profiling Study in the Cork BASELINE Birth Cohort,</i> - Kirsten Dowling, UCC.
12:00 - 12:30	<i>‘Probing the Structure and Dynamics of Proteins by Means of Cyclic Ion Mobility Spectrometry and Electron Capture Dissociation’,</i> - Professor Konstantinos (Kostas) Thalassinou, UCL.
12:30 - 13:00	<i>‘The Application of high resolution-MS coupled to UPLC to determine ‘sameness’ of commercial formulants of plant protection products’</i> – Dr Paul O’Byrne, Life Scientific, Dublin
13:00 - 14:00	Lunch and networking with sponsors/stands and posters
14:00 - 14:15	Student Talk: <i>‘Artificial Intelligence for Biomarker Discovery and Validation in Preterm Birth: A method to improve biomarker candidate selection, validation, and the development of predictive models’,</i> Daragh O’Boyle, UCC
14:15 - 14:45	<i>‘In-depth Proteomic Investigation of Potential Biomarkers for Pancreatic Ductal Adenocarcinoma’,</i> Esen Efeoglu, DCU.
14:45 - 15:15	<i>‘Metabolomic based approach to identify biomarkers of broccoli intake’</i> Xiaofei Yin, UCD.
15:15 - 15:45	LC-MS Application – <i>An Essential Ingredient for Animal Feeds</i> – Sophie Cunningham, Connolly’s Redmills. Kilkenny
15:45 - 16:15	The MAM journey @ NIBRT’ –Sara Carillio, NIBRT
16:15 - 16:30	Bursary Winners/ Presentation of Certificate.
16:30 - 18:00	Meeting Close – after meeting Drinks/Networking.