

Friday 5th Nov 2021

| Time | Activity | Presenter/s | Title |
|-------------|----------------------------|----------------------------------|--|
| 9:00:00 AM | Welcome & Opening remarks | Prof Daniel Kolarich Dr Yan Li | Welcome - day 2 Waters Technology Highlight |
| 9:10:00 AM | Symposium Session 3 | Dr Tristan Wallis | Lipidomics of learning and memory |
| 9:35:00 AM | Symposium Session 3 | Dr Amy Heffernan | Environmental Testing in Industry |
| 10:00:00 AM | Symposium Session 3 | Mr Edward Kerr | Capturing and Characterising Wild Yeast for Beer Brewing |
| 10:15:00 AM | Symposium Session 3 | Dr Zang Tuo | SWATH Quantification of blister fluid proteome from paediatric burn injuries using an integrated ion library |
| 10:30:00 AM | Morning tea | | |
| 11:00:00 AM | Symposium Session 4 | Dr Clare L Flakelar | Separation and identification of FA18:1 cis/trans isomers |
| 11:20:00 AM | Symposium Session 4 | Dr Cassandra Pegg | Glycosylation of the spike protein in a variant of SARS-CoV-2 |
| 11:40:00 AM | Symposium Session 4 | Mr Justin Cormick | Stable isotope profiling of the illicit drugs 3,4-methylenedioxyamphetamine (MDA) and 3,4-methylenedioxymethylamphetamine (MDMA) |
| 12:00:00 PM | Symposium Session 4 | Ms Sonali Mohan | Proteogenomic analysis to identify major source of cancer neoantigens |
| 12:15:00 PM | Symposium Session 4 | Dr Ailin Lepletier | Multi-omics analysis of the immune system: unrevealing the role of CD49f in regulatory T cells |
| 12:30:00 PM | Lunch | | |
| 1:30:00 PM | Symposium Session 5 | Dr David J Beale | Ecosurveillance for environmental health and resilience using systems biology-based approaches |
| 12:50:00 PM | Symposium Session 5 | Mr Isaac Akefe | Phospholipase A1 isozyme DDHD2 regulates free fatty acid changes associated with neuromotor and cognitive functions |
| 1:05:00 PM | Symposium Session 5 | Ms Harley Robinson | Infrared spectroscopy for rapid quality control and quantitation of lipid samples |
| 1:20:00 PM | Symposium Session 5 | Mr Tiago Oliveira | Vincristine resistance induces site-specific modulations of CD38 glycosylation in leukemia cells |
| 2:30:00 PM | Afternoon tea | | |
| 3:00:00 PM | Closing Plenary session | Prof. Michele Burford | Advances in the use of stable isotopes to explore the complexities of aquatic systems |
| 3:45:00 PM | Awards and closing remarks | | |