

6th YSS - Agenda

24/sep/20

- 13:00 13:15 Welcome – coming online**
- 13:15 14:00 Session 1: Is non-standard the new standard?**
- 13:15 13:30 Connor Walker (Arcinova)
Non-standard technique in a regulated environment: what considerations come with it?
- 13:30 13:45 Salvatore Calogero (Swiss BioQuant)
FACS in the bioanalysis
- 13:45 14:00 Eugenia Hoffmann (F. Hoffmann-La Roche)
Impact of drug/anti-drug antibody complexes on drug pharmacokinetics: advanced bioanalysis for a better understanding of immunogenicity
- 14:30 15:45 Parallel Session 2: Rethinking Matrix**
- 14:30 14:45 Michele Protti (Unibo)
Unraveling details and potentials of VAMS technique: towards the raise of a new golden standard
- 14:45 15:00 Camilla Marasca (Unibo)
Novel microfluidic-based sampling for therapeutic drug monitoring of patients under treatment with the antidepressant drug vortioxetine
- 15:00 15:15 Virginia Brighenti (University of Modena and Reggio Emilia)
New Analytical Tools for the Study of Bioactive Polyphenols in *Prunus avium* L. (sweet cherry) and Evaluation of their Anti-oxidant Activity on an In vivo Model.
- 15:15 15:30 Maaïke Bruin (The Netherlands Cancer Institute (NKI))
Development and validation of an LC-MS/MS method with a broad linear dynamic range utilizing natural isotopologue transitions for quantification of tivozanib
- 15:30 15:45 Jana Verstraete (UGent)
The simultaneous quantification of thiamine, its phosphate derivatives and precursors in *Arabidopsis thaliana*: validation and application.
- 14:30 15:45 Parallel Session 3: ADAPting**
- 14:30 14:45 Sam Wilcox (Covance)
Biosimilar ADA assessments using the Gyrolab platform
- 14:45 15:00 Fanni Suomi (Syrinx Bioanalytics)
Concentration analysis and immunogenicity testing of next generation oligonucleotides and targeted delivery molecules
- 15:00 15:15 Cara Gunning (Charles River Laboratories)
Approaches to Improve Drug Tolerance in Immunogenicity Assays
- 15:15 15:30 Zoe Whiffen (LGC)
Anti-PEG: past, present and future difficulties in a regulated environment
- 15:30 15:45 Adam Williams (AstraZeneca)
Development of a method for detection of anti-drug antibodies against the PEG component of a lipid nanoparticle drug product
- 16:30 17:30 Session 4: Before we digest....let's digest.**
- 16:30 16:45 Bas Sleumer (PRA Health Sciences)
The differences between digested and intact protein analysis: determination of somatropin in rat plasma.
- 16:45 17:00 Lisa Delahaye (UGent)
Determination of paracetamol-albumin adducts via LC-HRMS
- 17:00 17:15 Terence Hetzel (Bayer)
Determination of thorium-conjugated monoclonal antibody from monkey plasma by different LC-MS technologies

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- 09:00 10:30 Site dependent local activities**
- 10:30 12:00 Science Café: A Sustainable Future**
Format: round table
During this session we want to engage you how we can contribute to a sustainable future. This includes e.g. stimulating or applying the 3Rs (Replacement, Reduction and Refinement) and/or the principles of green lab/chemistry...
We are preparing a dynamic round table discussion where all of you can contribute.
- 12:30 13:30 Interactive poster viewing**
- 13:45 14:15 Plenary Feedback from local Science Café round tables: A Sustainable Future**
- 14:30 15:45 Session 5: It's what's inside that counts**
- 14:30 14:45 Coral Munday (LGC)
Fit-for-Purpose Validation: A Non-Standard Approach for a Non-Standard Biomarker Assay
- 14:45 15:00 Mondanelli Giada (University of Perugia)
Indoleamine 2,3-dioxygenase 2 as new biomarker of tumor progression
- 15:00 15:15 Malleswari Challagundla (AbbVie)
Development and validation of alpha-synuclein aggregation assay using surrogate matrix
- 15:15 15:30 Tessa McDonald (Unilabs York Bioanalytical Solutions)
Qualifying the measurement of endogenous and synthetic spiked pharmacodynamic biomarker in matrix, in the presence of drug
- 16:00 17:15 Session 6: Compete to Collaborate!**
- 16:00 16:15 Rob Stewart (Covance)
Investigating generic PK methods of quantifying human monoclonal antibodies in pre-clinical species by LC-MS and ligand-binding assays.
- 16:15 16:30 Chris Williams (QPS Netherlands)
Hybrid LC-MS ligand binding assays for bioanalysis
- 16:30 16:45 Rebecca Paterson (Charles River Laboratories)
Antibody Drug Conjugate Bioanalysis – An opportunity for LBA and LC-MS Synergy?
- 16:45 17:00 Closing Remarks and Adjourn**