Reconnecting after Quarantine
10-11 June 2021

7th YSS - agenda - v14APR2021

10 June 2021

11:30 13:00 If local site can host 2 days: a local welcome
12:45 13:00 Coming online

13:00 13:10 Welcome

13:10 14:30 Session 1: Achieving better sensitivity and selectivity
  13:10 13:30 Steven Schoemaker - PRA-HS
  Chiral derivatization for enhancing sensitivity and speed of the LC-MS/MS determination of the enantiomers of ibuprofen.
  13:30 13:50 Claire Szuster - LGC
  The diasteromer double-peak dilemma
  13:50 14:10 Marco Cirrincione - University of Bologna
  Enantiomeric separation of chiral synthetic opioids and metabolites in DBS by UHPLC-HRMS
  14:10 14:30 Rosie Penford - GlaxoSmithKline
  The identification and development of a fit for purpose biomarker assay using the MSD platform

14:45 15:15 Parallel Session 2
  Training Course: the basics of ADA in 30 minutes
14:45 15:15 Parallel Session 3
  Training Course: the basics of LC-MS in 30 minutes

15:30 18:00 Session 4: Miniaturisation and automation
  15:30 15:50 Liesl Heughebaert - University of Ghent
  Near-infrared-based hematocrit prediction of dried blood spots: an in-depth evaluation
  15:50 16:10 Camilla Marasca - University of Bologna
  Haematic volumetric microsampling for TDM of patients under treatment with lurasidone
  16:10 16:30 Bryan van den Broek - Sanquin
  Measuring antibodies in capillary blood: improvements by moving from dried blood spot to haematocrit independent micro-sampling

16:30 16:40 short break

16:40 17:00 George Walters - LGC
  Automation vs Analyst: The Future of Bioanalysis
17:00 17:20 Sigrid Deprez - University of Ghent
  Fully Automated Dried Blood Spot-Based Therapeutic Drug Monitoring of Immunosuppressants

17:20 17:40 EBF Presentation on Automation strategies - 1
  presenter TBC
17:40 18:00 EBF Presentation on Automation strategies - 2
  presenter TBC

18:00 18:30 End of Day 1 Q&A
11 June 2021

09:45 Coming online

10:00 11:30 Science Café: “How has Covid-19 changed our future?”
This year, the YSS-OC want to engage you how Covid-19 has impacted our (professional) careers, i.e. things we lost, for good or for bad – things we gained, wanted or unwanted, things we learned about ourselves and our industry. The YSS-OC will prepare a dynamic panel discussion where all of you can contribute.

11:30 12:15 Interactive poster viewing session (5-min poster pitch)
12:15 13:00 Lunch break

13:00 13:45 Was the 6th YSS' sustainability theme sustainable?
13:00 13:20 Katja Zeiser - Nuvisan
Re-Validation concept for an optimized use of resources – what have we achieved?
13:20 13:45 5-min pitches of "what are WE doing on sustainability?"
4 organisations sharing initiatives, incl. Q&A

13:45 14:15 Plenary Feedback from (local or e-) Science Café round tables

14:30 15:50 Session 5: Novel approaches to ADA/complex assays – how did you overcome them?
14:30 14:50 Hanna Leins - Nuvisan
One for all – development of a generic ADA assay on the Gyrolab Platform
14:50 15:10 Daniel Dyer, Covance by Labcorp
Development of an anti-PEG antibody assay for assessing immunogenicity of PEGylated proteins and lipid nanoparticles
15:10 15:30 Eugenia Hoffmann - F. Hoffmann La Roche
The impact of drug/ADA immune complex properties on drug clearance: an in vivo study and the underlying bioanalytical method
15:30 15:50 Jayshree Maher - LGC
AlphaLISA – An alternative platform for immunogenicity assays?

16:10 18:00 Session 6: Biomarkers and CoU: an uphill journey for young scientists?
16:10 16:30 EBF presenter
Context of Use versus the BMV - why the discussion?
16:30 16:50 Léa Costes - Sanquin
Biomarker assays and context of use: two stories, one success
16:50 17:10 Michele Protti - University of Bologna
Pathology biomarkers in animal models of amyotrophic lateral sclerosis: microsampling-based analytical investigation
17:10 17:30 Anja Weidmann - F. Hoffmann La Roche
Development of an Ultrasensitive Simoa® Assay for Analysis of Interleukin-1 beta in Aqueous Humor
17:30 18:00 Panel discussion: CoU - an uphill journey for young scientists?

18:00 Closing Remarks and Adjourn

Meeting Organisation: Robin Würdenweber (A&M-Labor), Adam Williams (AstraZeneca), Connor Walker (Arcinova), Muriel Smet (Sanofi), Laura Schlicksupp (AbbVie), Mathias Salger (Nuvisan), Michele Protti (University of Bologna), Coral Munday (LGC), Jessica McGregor (ABS Labs), Tessa McDonald (Intertek - Manchester), Camilla Marasca (University of Bologna), Terence Hetzel (Bayer), Cara Gunning (Charles River), Liesl Heughebaert (Ghent University), Ian Dawson (Covance) and Salvatore Calogero (F. Hoffmann – La Roche).

Meeting management: Philip Timmerman (EBF)