

EBF 3rd YSS

In Unity Lies Power; Building a Better Bioanalytical World Together

Final Program

08:30 **Welcome and Introduction**

08:35 **session 1: Overcoming Bioanalytical Mysteries**

08:35 **Farjana Mahammed (GlaxoSmithKline)**

Analytical Method Transfer – Are our methods Smooth Sailing or Slowly Sinking?

08:55 **Patrick Heath (Covance)**

Overcoming soluble target interference in an Immunogenicity screening assay incorporating an immunodepletion step using streptavidin magnetic beads.

09:15 **Stacey Casswell (Envigo)**

Challenges and considerations in the use of a immunoassay method for the detection of TSH, T3 and T4 for use in reproduction/developmental toxicology studies.

09:35 **Jana Zemenová (University of Prague)**

Lipopeptides – challenges in bioanalysis of novel pharmaceutical targets via LC-MS and immunomethods

09:55 **Jason Pembroke (LGC)**

Bioanalytical Challenges of Chelating Compound

10:15 **Coffee break**

10:45 **Project YSS: Together we succeed: feedback from YSS collaboration projects**

10:45 **Feedback from the pre-competitive collaborative work between AstraZeneca, Charles River, Covance, GlaxoSmithKline, Ghent University, Janssen R&D LGC and Q2-solutions on Liquid Microsampling**

Moderators: Aline Swinnen and Sheelan Ahmad (for EBF-YSS)

11:30 **Feedback from the pre-competitive collaborative work between AstraZeneca, Bioagilitix, Charles River, LGC MedImmune and Novimmune SA on multiplex biomarker assay performance**

Moderators: Jonathan Paraskos and Sufyan Maqbool (for EBF-YSS)

12:15 **Lunch break**

13:15 **Session 2: Transforming Bioanalysis Through Innovation**

13:15 **Mikko Hölttä (AstraZeneca)**

Bioanalytical strategies for quantification of intact RNA and its metabolites

13:35 Sofie Velghe (University of Ghent)

Fully automated direct extraction and analysis of dried blood spots for the determination of five anti-epileptic drugs and one active metabolite

13:55 Yannick Van Wansele (Free University of Brussels)

The application of superchargers to increase nanoUHPLC-MS/MS method sensitivity for quantification of the neuropeptide neuromedin U

14:15 Emily Bell (Charles River)

Immunocapture as a Viable Sample Preparation Technology in the Transition between Pre-Clinical and Clinical Bioanalysis

14:35 Kees Pelster (PRA Health Sciences)

Validation of capillary microsampling assays: a practical point of view

14:55 Tea break

15:15 Session 3: Ask The Experts

15:15 Morgan Evans (Intertek)

Technologies of Immunogenicity: An ADA case study

15:35 Sijranke Post (PRA Health Sciences)

The challenges in validating a 6-color T-, B- and NK-cell flow cytometry assay in human whole blood using multiple blood collections tubes as well as manual and automatic sample processing.

15:55 Adeline Besson (Novimmune SA)

Development and validation of a novel biomarker assay to support the development of a biologic

16:15 Godknows Hlatshwayo (LGC)

Case Study: Immunoassay Development for a gene therapy drug

16:35 Sara Capiou (University of Ghent)

Development and validation of an ICP-MS method to quantitatively determine cobalt in volumetric absorptive microsampling (VAMS) devices for the follow-up of metal-on-metal prosthesis patients.

16:55 2016 Best Presenter prize and Wrap-up

17:00 Adjourn