

CPSA 2018 Workshop

Microsampling and patient centric blood sampling and analysis: Practical aspects of implementation

Tuesday October 16th, Princeton II, 5:00 pm – 6:00 pm

Discussion Leaders: Kevin Bateman (Merck), Emily Ehrenfeld (New Objective), Tim Olah (Bristol-Meyers Squibb), Neil Spooner (Spooners Bioanalytical Solutions), Enaksha Wickremsinhe (Lilly), Melanie Anderson (Merck)

Scribe: Joe Siple (New Objective)

Overview

This event will dive into the specifics of how to implement patient centric sampling technologies and workflows at their point of use (i.e., in the clinic, home setting, analytical lab). The format will be discussion based and will involve the sharing of experiences and best practice. The workshop is targeted at a broad interdisciplinary audience, particularly those directly involved in implementing the technologies and need to know the specifics.

Background

This Workshop is based on the assumption that current approaches to the collection of human and animal blood samples for the quantitative determination of analytes such as drugs, metabolites, biomarkers and other endogenous molecules can be radically improved upon by the use of existing and emerging technologies. In the case of human samples, it is proposed that they do not generally put the patient at the centre of considerations when collecting samples. Further, current standard approaches are expensive for health systems and pharmaceutical companies and wasteful of the sample collected. For animal sampling, standard approaches are perceived to be wasteful of sample, and that they require the use of more animals and more stressful procedures than are necessary.

Deliverables

This Workshop will facilitate a discussion on the specifics of how an organisation can best go about implementing novel procedures for the collection of high quality samples for the generation of suitable quantitative data. It will address the practical aspects of how an organisation might implement microsampling and patient centric sampling into its workflows. This will involve a focus on aspects that are seen as obstacles to the implementation of microsampling and the sharing of best practice of how different organisations have overcome these challenges. The outcome will be that the attendees will better understand the realities of implementing microsampling and patient centric sampling in their organisation. Further, they will develop a network of colleagues with a similar interest, which will better enable them to achieve their objectives in their own organisation.

Agenda

- 17:00 Brief introduction by **Neil** outlining the purpose of the Workshop
- This is about how NOT why!
- 17:02 Brief introductions by participants: Name, company, interest in patient centric blood sampling and analysis – <30 secs per person
- 17:10 Discussion on topics resulting from pre-CPSA poll
- 17:50 Proposals for next steps
- What should we do with the outcomes of this discussion?
- 18:00 Close

Who Should Attend

Anyone interested in implementing microsampling and patient centric sampling and analysis workflows in their organisation and / or contributing to the progression of these approaches to standard usage. This includes, but is not limited to, clinicians, academics, animal technicians, study directors, quantitative bioanalysts, clinical analysts, clinical scientists, pharmacokineticists, pharmacologists, technology vendors and innovators, healthcare providers, investors, regulators, *etc.*