



EBF Spring Focus Workshop 2025

Artificial Intelligence in Bioanalysis

12-13 June 2025, NH Málaga, Spain

Thursday 12-JUN-2025

09:15 09:30 Welcome and aim of the Workshop

09:30 11:00 Session 1: Setting the Scene

09:30 09:45 Philip Timmerman, EBF

EBF and AI - current vision and plans

09:45 10:10 Katja Zeiser, on behalf of the EBF

Feedback from internal surveys in the EBF and YSS community

10:10 10:30 Matthew Barfield, on behalf of the EBF

AI - Fueling Progress or Feeding Fantasy?

10:30 11:00 Coffee break

11:00 12:00 Session 2: Painting the Landscape

11:00 11:20 Benoit Massonnet, F. Hoffman-La Roche

AI Ignition: Starting Strong in Regulated Bioanalysis Without the AI Expertise

11:20 11:40 Annika Carlsson, Mercodia

Implementing AI in Regulated Bioanalysis: Linking Context of Use to Risk and Validation Strategies

11:40 12:00 Connor Walker, on behalf of the EBF

Why validate what, when and how - is there a difference with non-AI processes?

12:00 12:30 Panel discussion

12:30 13:30 Lunch break

13:30 14:40 Session: AI in the Lab

13:30 13:50 Andrea Di Ianni, Merck KGaA

In silico AI Artificial Neural Network MHCII binding predictions and MHCII-associated peptide proteomics (MAPPs): Applications in Biologics Risk Assessment

13:50 14:10 Andreas Hald, Novo Nordisk

Machine learning for assay development, automation, and generative AI in binder design

14:10 14:30 Homam Tayfour, Daiichi Sankyo Europe

Harnessing GPT: Personal Experiences and Practical Applications for Everyday Bioanalytics Professionals

14:30 14:40 Katja Zeiser, on behalf of the EBF

Introduction to Round table 1: AI in the lab

14:40 15:20 Coffee break

15:20 16:45 Round table 1: around 3 or 4 key questions/challenges...

16:45 17:00 Logisitic break - Summarising the round table output by table moderators

17:00 17:30 Feedback & Learnings from Round table 1

Friday 13-JUN-2025

09:00 10:30 Session: AI in the Office

09:00 09:20 Xichen Zhang, Novo Nordisk

Integration of bioanalytical process flow into a chatbot for enhanced efficiency and lifted quality in end-to-end bioanalytical study execution and project management

09:20 09:40 Tsvetelina Ivanova, Comac Medical

AI in analytical data review process – case study for practical and educational challenges

09:40 10:00 Lars Florian Eggers, Boehringer-Ingelheim

Large Language Models Reveal Transformative Opportunities for Advancing Data Handling, Integration, and Review in Bioanalytical Laboratories

10:00 10:20 Adrian Freeman, AstraZeneca

AI in AstraZeneca R&D and the impact and growth in Bioanalysis

10:20 10:30 Connor Walker, on behalf of the EBF

Introduction to round table 2: AI in the office

10:30 11:10 Coffee break/time for checkout

11:10 12:30 Round table 2: moderated around 3 or 4 key questions/challenges...

12:30 13:30 Lunch

13:30 14:00 Learnings from round table 2

14:00 15:00 Panel discussion - What the Future holds

Panel discussion around 2 major themes

1. What is our industry looking for and what not...i.e. going for a faster horse or a car?

2. (Re)-calibrating our vision on regulatory challenges

15:00 15:30 Coffee break

15:30 16:30 Close out session - Strategising for the Future

Wrapping up, summaries from round tables and connecting all dots

16:30 Adjourn

Organising Committee: Matthew Barfield, Michaela Golob, Connor Walker, Katja Zeiser (on behalf of the EBF)



EBF Focus workshops are organised by the EBF vzw as non-sponsored non-profit events and are independent from EBF member companies.