



908 Devices Industry Educational Session

Monday 24 June 2024

12:40 – 13:40

Room – Lammermuir 1

Simple and readily deployable Process Analytical Technology (PAT) solutions for comprehensive monitoring and analysis of upstream monoclonal antibody production

Robust and informative PAT solutions supporting upstream production of biopharmaceuticals are required to improve efficiency. Despite considerable interest in spectroscopic in-line techniques like Raman, the obstacles associated with constructing and validating models have impeded their widespread adoption. The deployment of specific methods that provide quantitative information on individual process components or product quality attributes is still challenging. Process analytics that provide direct quantitative readouts enable better process understanding, improvements, and modelling, as well as building and validating additional spectroscopy chemometric models.

Speakers: Milla Neffling, PhD, 908 Devices / Steve Driscoll, PhD, 908 Devices / Jonathan Bones, PhD MBA, National Institute for Bioprocessing Research and Training