



**ThermoFisher**  
SCIENTIFIC

**Thermo Fisher Scientific Industry Educational Session**

**Monday 24 June 2024**

**13:20 – 13:50**

**Room – Lammermuir 2**

**Scale-up from flask through 50L Bioreactor – the effect of Gibco Media on maximizing performance and quality in fed-batch and perfusion processes**

Thermo Fisher Scientific™ and their collaborative research with Zurich University of Applied Sciences dives into the forefront of advancing CHO cell culture processes. We address the complexities of scale-up and process development while conducting comparisons of fed-batch and perfusion strategies. Leveraging Gibco™ catalog media and feeds, coupled with automated glucose control, we ensure the nutrient requirements for high viability and cell density from benchtop to pilot. Utilizing diverse bioreactor technologies, we demonstrate the seamless scalability of our methodologies.

Speaker Details: Vivian Ott, M.Sc., ZHAW Zurich University of Applied Sciences