Advancing Upstream Bioprocessing through Digitalization and Automation Wednesday, October 8, 2025 BioPartner Center, Leiden







REPLIGEN









Register here.





4th Learn & Connect Seminar

This full-day seminar offers a valuable platform for professionals, researchers, and innovators to engage in open, science-driven discussions focused on the future of bioprocessing. With minimal commercial influence, the event encourages meaningful exchange of knowledge and ideas that drive progress in the field.

This year's seminar will spotlight the transformative role of digital technologies, advanced modeling, data analytics, automation, as well as analytical devices and Process Analytical Technology (PAT) solutions in modern upstream bioprocessing. Together, these tools are redefining how we approach process development, monitoring, and control. Attendees will explore how integrating these innovations can enhance real-time decision-making, optimize production workflows, and improve overall process efficiency and robustness.

Through a series of expert presentations, interactive discussions, and networking opportunities, participants will gain valuable insights into how these cutting-edge approaches are advancing biomanufacturing and paving the way for more agile, datadriven production systems. Whether you're deeply involved in bioprocessing or looking to stay ahead of the curve, this seminar offers the perfect setting to learn, connect, and innovate.

PROGRAM

09:00 Welcome Coffee/Registration

09:30 Dr. Marieke Klijn, TU Delft
Raman Spectroscopy as Process
Analytical Technology in Upstream
Bioprocessing

10:00 Bianca Consorti Bussamra,

J&J Innovative Medicine

Bridging Lab and Manufacturing

10:30 Break

11:00 Workshop and Tour at Biotech Training Facility (BTF)

12:30 Lunch

13:30 Christiaan Mooiman, TU Delft
Automating Bioprocess

14:00 Dr. Jacopo Zini, Helsinki University Innovative measurement approaches for UV-Visible spectroscopy in downstream process analysis

14:30 Break

15:00 Company presentations (Sponsors)

17:00 Networking, Snacks & Drinks

19:00 End

ORGANIZER



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