EUPAT9½ - Continuous manufacturing for future pharmaceuticals
Thu Oct 8, 2020 1pm (CET)
Event in zoom

Chairmen: Jukka Rantanen (University of Copenhagen) and Staffan Folestad, tbc (AstraZeneca)

Continuous manufacturing is becoming well-established concept in the pharmaceutical industry. In order to follow up with the development, the EUFEPS PAT and QbD Sciences network is bringing together pharmaceutical scientists and engineers from industry, academia and regulatory agencies to discuss recent developments and future trends in the field of pharmaceutical product and process development. The EuPAT conference series has a focus on the current status of QbD in pharmaceutical development, the latest advances in continuous manufacture and emerging developments in the manufacture and analysis of pharmaceuticals. This EuPAT9½ is organized by EUFEPS PAT and QbD Sciences network together with the Nordic POP (patient oriented products) university research consortium.

13:00 Continuous manufacturing – where are we now and how did we get here?

Thomas de Beer (Ghent University, BE), Andrew Andersson (GSK, UK)

13:20 Snapshots from the ongoing work (12 min presentation + 8 min discussion)

Cameron Brown (University of Strathclyde, UK) “Continuous Crystallization”

Henk Bats and Wouter Stam (Flowid, NL) ” Continuous Process Solutions for Industrial Applications”

Rydvikha Govendor (AstraZeneca & Chalmers University of Technology, SE), “Reconfigurable Modularization for Mass Customization: A Product Design Concept Enabling Independent Tailoring of Dose and Drug Release”

14:20 Coffee break

14:30 Snapshots from the ongoing work

Anne Linnet Skælbek-Pedersen (NovoNordisk & University of Copenhagen, DK) "Non-destructive analysis of physical properties of tablets using terahertz time-domain spectroscopy"

David Zuza (University of Chemistry and Technology Prague, CZE) “Mesoporous silica as a universal platform for continuous manufacturing of multi-API formulations”

Tania Pereira Chilima (Univercells), "Continuous & intensified manufacturing for cost-effective virus production"

Annika Wilms (Heinrich Heine University Düsseldorf & INVITE GmbH, GE), “Granule size control in a continuous dry granulation line”

Peter Böhling (Graz University of Technology, AT), “Digital twin and high-fidelity modeling of the Consigma Line”

16:10 wrap-up and summary