

2019 Program:

2nd Symposium on Digitalization and Big Data in Biotech & Pharma

Venue

6 June 2019, ETH Zurich, Hönggerberg Campus,
Vladimir-Prelog-Weg 1, HCI building, Auditorium J7

Preliminary
Program in
Early 2019!

Confirmed Speakers

Prof. Diego Kuonen, CEO Statoo, Switzerland
Prof. Stephen Cramer, Rensselaer Polytecnic Institute, USA
Prof. Alberto Ferrer, Universitat Politècnica de València, Spain
Dr. Alessandro Butté, CEO DataHow, Switzerland

2018 Program:

1st Symposium on Digitalization and Big Data in Biotech & Pharma

Agenda

8:30 – 9:00	Registration and Welcome Coffee
9:00 – 9:10	Welcome Greetings
9:10 – 9:30	Pitch Presentations by Exhibitors
9:30 – 10:00	Data Science and Big Data Analytics in Biotech and Pharma: the potential of latent variable models <i>Alberto Ferrer, Universitat Politècnica de València</i>
10:00 – 10:30	Challenges in Digitalization <i>Markus Ruffener, Lonza</i>
10:30 – 11:00	Morning Coffee Break, Solution and Poster Exhibition
11:00 – 11:30	Digital transformation in manufacturing operations. Where to start? Common pitfalls and key learning points. <i>Antonio Buendia, Novartis</i>
11:30 – 12:00	Big data in a regulated environment – How Biotech and Pharma will address the challenge <i>Theodora Kourti, McMaster University</i>
12:00 – 12:30	Mastering the digital transformation challenge in bioprocessing through data analytics and hybrid modeling <i>Alessandro Butté, DataHow & ETH</i>
12:30 – 13:45	Networking Lunch, Solution and Poster Exhibition
13:45 – 14:15	Digitalisation, Big Data or IoT – Quality Data is the foundation; Analytics do generate the Added Value <i>Cosimo Caforio, StatSoft Europe</i>
14:15 – 14:45	Process Analytical Technology as a key enabler for digitalization of biotechnological processes <i>Julita Kinga Panek, Siemens Life Sciences</i>
14:45 – 15:15	Towards computation-based bioprocess development: tackling the hurdle of parameter estimation by model-based DoE <i>Nicolas Cruz, TU Berlin</i>
15:15 – 15:45	Afternoon Coffee Break, Solution and Poster Exhibition
15:45 – 16:15	Application of Multivariate Analysis to production processes <i>Paolo Avalle, Merck Sharp & Dohme (MSD)</i>
16:15 – 16:45	Information Quality (InfoQ) and Advanced Manufacturing: A Journey through science and applied statistics <i>Ron Kenett, KPA Group & Technion</i>
16:45 – 17:00	Closing Remarks, Poster Prize

Partners

ETH zürich

ICB Institute for Chemical and Bioengineering



DataHow

A Spin-off Company from ETH

StatSoft
EUROPE



VICTORINOX

ebr
European Biopharmaceutical Review



WILEY

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