



Digital Innovation in Biopharma

Thursday June 15, 2023

08:30 - 18:00

@ ETH Zurich
Switzerland



Under the patronage of ETH Zurich, Department of Chemistry and Applied Bioscience

ETH zürich

3rd DataHow Symposium

Digital Innovation in Biopharma

Thursday, June 15, 2023

Outline

The development and application of digital technologies in the Biopharmaceutical industry continues to gain momentum, presenting new opportunities and a growing list of options which warrant consideration.

With so much innovation becoming available, this symposium will bring together key stakeholders and experts, with an interdisciplinary understanding of science, technology, and digital capabilities, to discuss this innovation landscape and make sense of what is possible and where challenges may remain.

The themes which will be covered will include:

- The role of data in the (bio)pharma business model
- Technological possibilities and limits of the digitization of pharmaceutical processes
- The role of quantitative tools and hybrid models
- Key technologies and solutions
- The perspective of regulators
- Successful industrial implementations
- Ideas and findings from academic research
- A look into the future

Who should attend?

Experts and professionals working in biopharma or within other industries which operate bioprocesses will benefit from a clearer understanding of the current and future digitalization trends and how they might be applied.

We also welcome researchers and academics who will be able to interact with the industry and better understand the challenges which are faced.

What is the format?

This symposium is a networking event designed to present and discuss inspiring innovations as well as technological and conceptual trends.

A series of insightful presentations will be combined with interactive round table discussions, as well as showcasing a few solutions as part of an exhibition space. A networking lunch will also be provided.

What are the fees?

The participation fee is **CHF 595.00/person from industry, CHF 295.00/person from academia, CHF 95.00/person for students**. We offer **early booker prices** of CHF 495.00/person from industry, CHF 245.00/person from academia, CHF 80.00/person for students if you register before April 29, 2023.

The fee includes all information material for the symposium in paper and electronic form, as well F&B for lunch and coffee breaks. Not included are accommodation, and any travel expenses.


Location

The conference will take place at the ETH Zurich - [Hönggerberg campus | ETH Zurich, Building HCI](#).

ETH's reputation as one of the leading technology institutions in the world creates the ideal for our innovation themed agenda. The company and its founders also have a close relationship with the university.

Access to ETH is straight forward, with direct flight access to Zurich International airport, which is connected to Zurich main station (Hauptbahnhof) via rail or taxi.

Preliminary agenda (08h30 – 18h00)

Symposium Preliminary Agenda 	
● TIME	● AGENDA
08:30	Registration and welcome coffee
09:00	Welcome and introduction by the conference host - Michael Sokolov, PhD - Co-founder and COO DataHow
	<p>Patron talk by ETH Zurich - Prof. Dr. Gonzalo Guillén Gosálbez Department of Chemistry & Applied Bioscience</p> <p>Partner talk by Securecell - Overarching device integration and data harmonization to enable process knowledge-driven digital solutions. - Andreas Koch, PhD - Head of Key Account Management</p> <p>30' min - Coffee Break</p> <p>Use case by Wheeler Bio Inc. - Adopting digital transformation and machine learning in a CDMO setup - Yuk Chiu, MSc - Chief Manufacturing Officer</p> <p>Use case by Sanofi - How Digital tools and AI/ML can accelerate R&D for novel modalities? - Fernando Ulloa Montoya, PhD - Head of Data and Computational Sciences</p> <p>Use case by Merck Serono SA - Development of a digital twin for monitoring and predictive control of an automated perfusion microbioreactor system. - Jean-Marc Bielser, PhD</p> <p>60' min - Networking Lunch</p> <p>Use case by Cytiva - Title to be announced - Speaker to be announced</p> <p>Use case by Boehringer-Ingelheim - Generic modelling for gaining platform knowledge in upstream development - Sabine Arnold, PhD and Liliانا Montaña Herrera, PhD</p> <p>Use case by Rentschler Biopharma SE - Predicting the process - A CMDOs journey to computational bioprocessing - Walter Denk, Dipl. Math., Group Lead Bioprocess Data Science Unit</p> <p>30' min - Coffee Break</p> <p>Use case by Biogen - Title to be announced - Speaker to be announced</p> <p>Transfer Learning by DataHow - Dr. Moritz von Stosch, CIO DataHow</p> <p>Round table of experts - Led by Fabian Feidl, PhD - Co-founder and CTO DataHow</p> <p>Closing words and Aperó - Meet the experts in person</p>
18:00	End of Symposium

AGENDA TO BE UPDATED

Accommodation

Zurich offers a brought range of [hotel and hospitality options](#).

Please let us know if you need any assistance with your hotel booking.

Terms and Conditions

Confirmation: A signed confirmation of completion will be delivered to each participant after the course.

Cancellation policy: Cancellation of registration must be submitted in writing or via email to f.costa@datahow.ch.

Cancellations made later than 3 weeks before the symposium-start will be subject to a 30% cancellation fee. A colleague may be substituted without penalty. Full refunds will be made in the case that the symposium is cancelled, e.g., due to insufficient enrolment.

Registration

The link to register is:

https://form.jotform.com/Costa_fcosta/registration-for-the-3rd-datahow-sy

Registration is only complete after payment or payment confirmation. Registration is binding unless the minimum number of participants cannot be reached.



In case of questions or for additional information please contact:

Fátima Costa

Symposium organization

E-mail: f.costa@datahow.ch

We are looking forward to numerous registrations, a great knowledge transfer, and a great exchange of ideas and experiences.

Your DataHow-team,



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