



**Biopharmaceutical Manufacturing
and Single-Use Technologies:**

Process intensification and
continuous bioprocessing

Symposium: Cellular agriculture
and single-use technologies

Preannouncement

2nd and 3rd July 2019,
Symposium: 4th July 2019

Zurich University of Applied Sciences (ZHAW)
Wädenswil, Switzerland
www.biotech2019.ch

Scope of the conference

Single-use technologies have arrived in biopharmaceutical production. The majority of established developments have been implemented in upstream processing (USP), where complete single-use process platforms up to m³ scale are already a reality. In order to make USP more efficient, process intensification solutions for inoculum production that are based on single-use perfusion technologies are now in demand. Furthermore, it has become clear from the latest studies that continuous downstream processing (DSP) not only results in improved process safety and better product quality control, but also improves equipment utilization. Therefore, it comes as no surprise that interest in single-use technologies for continuous DSP is increasing, although there are still challenges. Another example of a challenge is contamination with leachables and extractables in the fill & finish stage, which is especially problematic due to its proximity to the patient.

Biotech 2019 will focus on the potential and challenges connected with process intensification and continuous bioprocessing in single-use technologies for USP, DSP and fill & finish in biopharmaceutical production. Key note lectures will be given by Eric Langer (BioPlan Associates, USA) and Stephan R. Schmidt (BioAtrium AG, CH). As in the past, the conference program includes scientific speeches, poster presentations and company workshops. In addition, participants will also have the opportunity to discuss any questions they have with manufacturers, users, regulatory specialists and representatives of organizations investigating the implementation of single-use technologies.

Following Biotech 2019, there will also be a symposium on cellular agriculture. In addition to examining examples of current commercial and semi-commercial products, the potential of single-use technologies in product development and manufacturing will also be discussed. The products of interest are food, food supplements and cosmetic ingredients. David Welch from the Good Food Institute will present an introduction to the new field of cellular agriculture.

Organizing Committees

Organizing Committee

Dieter Eibl	Zurich University of Applied Sciences, Switzerland
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Sören Werner	Zurich University of Applied Sciences, Switzerland
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Christina Fritz	Roche Diagnostics, Germany
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Karin Tiemann	DECHEMA, Germany
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Cathy Kroll	Swiss Biotech Association, Switzerland
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Laura Suter-Dick	University of Applied Sciences and Arts Northwestern Switzerland and Biotechnet, Switzerland
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Scientific Committee

Regine Eibl	Zurich University of Applied Sciences, Switzerland
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Britta Manser	Pall Biotech, Switzerland
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Stefan Junne	Technical University Berlin, Germany
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Detlef Eisenkrätzer	Roche Diagnostics, Germany
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Gerhard Greller	Sartorius Stedim Biotech, Germany
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Diego Schmidhalter	Lonza, Switzerland
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Exhibitors and Sponsors

Companies from the biotechnological and related industries are invited to present their latest developments at the exhibition. Booth reservations are now open. Please be aware that the number of booths is limited.

Sponsoring options are available.

For more details please contact Marianne Ernst, marianne.ernst@zhaw.ch.

Registration

Online registration for the conference will start on 1st February 2019 and will be open until 14th June.

Fees	before 30 th April 2019	after 30 th April 2019
2 nd and 3 rd July 2019 (2 days)	CHF 450.- / CHF 600.-*	CHF 500.- / CHF 700.-*
Symposium: 4 th July 2019 (1 day)	CHF 100.- / CHF 200.-*	CHF 150.- / CHF 250.-*
Complete	CHF 500.- / CHF 700.-*	CHF 600.- / CHF 850.-*
PhD student ticket	CHF 250.-	CHF 250.-

* participants from industry

Conference fees include meals, conference dinner on Tuesday and conference proceedings booklet.

Venue

Biotech 2019 will be held at the ZHAW School of Life Sciences and Facility Management in Wädenswil, a member of the Zurich Universities of Applied Sciences and Arts. Wädenswil is a picturesque town with approximately 20000 inhabitants on the south shore of the Lake of Zurich. The Reidbach Campus (building RA «Seifensträuli», Seestrasse 55, 8820 Wädenswil), where the symposium will take place, can easily be reached by public transport.

How to find us – From Zurich to Wädenswil by train

- From Zurich's main railway station (Hauptbahnhof) to Wädenswil, five trains an hour (S2, S8, S25), journey time 20-30 min
- From Zurich airport to Wädenswil, direct trains twice an hour (S2), journey time 35 min

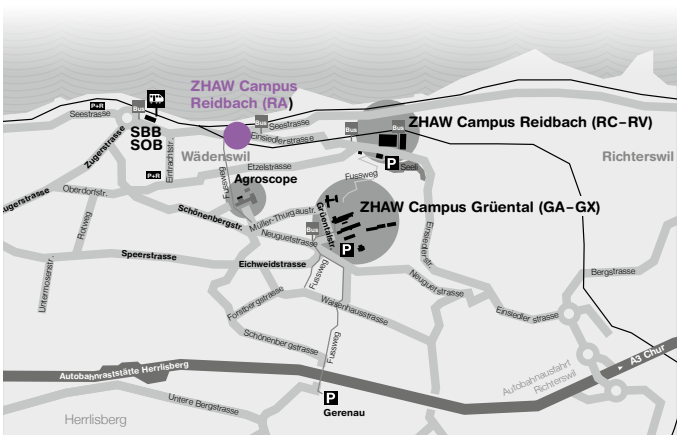
For details see: www.sbb.ch

How to find us – From Wädenswil railway station to the ZHAW

- by public transport: buses number 129 (bus stop «Campus Rothus»)
- by taxi from Wädenswil railway station (approx. CHF 10.- one way):
Wädi Taxi +41 44 780 52 52 or City Taxi +41 44 780 77 77
- by foot, approx. 10 min walk

Accommodation

For recommended hotels, see www.biotech2019.ch



Deadlines and Contacts

Deadlines

30 th April 2019	Early registration deadline
14 th June 2019	Registration (and payment) deadline

Contact

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Exhibitors and sponsors	Marianne Ernst marianne.ernst@zhaw.ch, +41 58 934 57 50

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Partners

