



DECHEMA

Biotechnologie

INVITATION & CALL FOR PAPERS

18 – 20 May 2020

Atrium-Hotel Mainz · Germany

Himmelfahrtstagung 2020

New Bioprocesses, New Bioproducts

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**FROM GENES
TO PRODUCTS**

INVITATION

Today, decision-makers in chemical and biopharmaceutical markets are facing steadily rising pressure challenging existing production processes. The recent needs, e.g. demand for circular economy processes, reduction of greenhouse gases, improving energy and material consumption open the door for novel, innovative and sustainable bioprocesses in a lot of industries. Lowering national health budgets, increasing competition and developments towards personalized medicine ask for novel steps in biopharmaceutical production, too. Accordingly, novel biotechnical solutions are looked for to answer urgent needs in bioproduction.

The Himmelfahrtstagung, traditionally the main meeting of bioprocess and biochemical engineers in Germany, aims to give an overview of current developments in public research and industry. The event provides common ground for participants from academia and industry for vivid discussions and networking. At the Himmelfahrtstagung 2020, we would like to take a look at the entire value chain of bioproduction, from innovative strain development methods to new prokaryotic and eukaryotic production strains, smart reactor concepts, and innovative Down-Stream-Processing. We would like to discuss bioproduction processes for biopharmaceuticals and white biotech products.

Noteworthy, the 'Himmelfahrtstagung' also serves as a platform for young scientists to present their results to the scientific community. As such, young researchers are invited to submit their work to the committee for getting the chance of presentation, irrespective of the topic of the conference.

MAJOR TOPICS

- » high throughput screening systems for screening and evolution
- » novel bioprocesses and -products using prokaryotes
- » new bioprocesses, therapies and pharmaceuticals applying eukaryotes
- » innovative reactor and reaction concepts in bioproduction
- » soft sensors for process control
- » novel downstream technologies and integrated bioprocesses
- » novel production processes for the circular economy
incl. biotechnological recycling
- » enzymatic production of fine chemicals

PRE-CONFERENCE WORKSHOP

„How to move from lab to production for launching a product“

In the context of the “Himmelfahrtstagung 2020 a pre-conference workshop for PhD students will be organised on 17 May 2020, Starting time: 2:00 p.m., Duration: approx. 3 h

KEYNOTE LECTURES

Michael Japs, Senior Director, Process Development, Genomatica, San Diego/USA

Korneel Rabaey, Head of the Department of Biochemical and Microbial Technology, Ghent University/B

CALL FOR PAPERS

We kindly invite you to submit an abstract. The paper submission is possible until **29 November 2019**

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