MAJOR TOPICS

• Computational analysis for enzyme discovery and design
• Structure-function analysis and enzyme optimization
• Enzymatic and whole-cell biotransformation
• Bioprocess engineering and enzyme application
• Sustainable industrial processes, biorefinery and bioeconomy

CALL FOR ABSTRACTS

Potential authors are invited to submit an abstract (length max. 2,500 characters incl. spaces) related to one of the major topics. An international review panel will assess the abstracts according to scientific content and suitability for the congress. Only a limited number of abstracts can be accepted for oral presentation, the other accepted contributions would be presented as posters.

Please note that all abstract authors will be notified about the acceptance of their abstracts by the beginning of June 2020 at the latest.

Online submission of abstracts until 20 March 2020 at www.biocat-conference.de.

GENERAL INFORMATION

Venue and date
Hamburg University of Technology (TUHH)
Audimax I
Am Schwarzenberg-Campus 5
21073 Hamburg/DE
30 August – 3 September 2020

Congress website
www.biocat-conference.de

Congress chair
Prof. Dr. Dr. h. c. Garo Antranikian
Hamburg University of Technology (TUHH)
Technical Microbiology V-7
Kasernenstraße 12 (F)
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Congress organisation and industrial exhibition
Conventus Congressmanagement & Marketing GmbH
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The transition from fossil to a biobased circular economy requires cutting edge technologies that ensure economic growth with environmentally responsible action.

The future challenges which include utilization of natural resources, food supply, health, energy and the environment, can only be met in an interdisciplinary manner. Biocatalysis is one of the key technologies to address this complex task. Biotechnological products already find application in food, feed, chemical, pharmaceutical and cosmetics industry and the developing sustainable bioeconomy is expected to create new processes and products and new job opportunities.

The successful concept of biocat congress is aimed at integrating the know-how of highly acknowledged biologists, biochemists, chemists and engineers from academia and industry. Biocat congress offers a platform to form strategic alliances for future projects and innovations.

Since 2002 we have been organizing the biennial biocat conference series, which is focused on the rapidly evolving fields of biocatalysis and industrial biotechnology. The preceding International Congresses on Biocatalysis attracted more than 3,200 participants from over 40 countries.

The major topics to be addressed are:
• Computational analysis for enzyme discovery and design
• Structure-function analysis and enzyme optimization
• Enzymatic and whole-cell biotransformation
• Bioprocess engineering and enzyme application
• Sustainable industrial processes, biorefinery and bioeconomy

It is our aim to create a stimulating and open scientific atmosphere to foster the development of new collaborations.

It is my great pleasure and honor to invite scientists from all over the world to the 10th International Congress on Biocatalysis 2020 (biocat2020) to be held from 30 August – 3 September 2020 at the Hamburg University of Technology (TUHH), Hamburg, Germany.

We are looking forward to welcoming you in Hamburg, an exciting and cosmopolitan city, and to share a successful and enjoyable meeting with you.

Garo Antranikian & Andreas Liese