

CeBiTec – Quarterly

Autumn 2025



- ▶ 14th International CeBiTec Research Conference (ICRC 2025) on Advances in Industrial Biotechnology
- ▶ Volker Wendisch elected as Fellow of Forum by the International Bioprocessing Association (IBA-IFIBiop)
- ▶ 11th CeBiTec Retreat held at Haus Düsse

14th International CeBiTec Research Conference (ICRC 2025) on Advances in Industrial Biotechnology



Participants of the 14th ICRC. © V. Wendisch

The 14th International CeBiTec Research Conference (ICRC 2025) on Advances in Industrial Biotechnology was held from September 15 to 17, 2025, at Bielefeld University and brought together research scientists from academia and industry as well as students under the theme of synthetic and natural consortia, pathways, and enzymes. Prof. Volker F. Wendisch (Chair), Asst.

Prof. Fatma Gizem Avci and Dr. Petra Peters-Wendisch (Co-Chairs) welcomed 55 participants from 6 countries. Sessions covered key areas of biotechnology, including large-scale biomanufacturing, enzyme engineering, metabolic pathway engineering, and microbial consortia.

The opening session discussed the importance of microbial communication in sustainable processes, critical insights into bioprocess development and scale-up, and the power of computational modelling to accelerate strain development. In the following sessions, the presentations underscored the expanding scope of pathway engineering and enzyme modification in creating sustainable, high-value products across the food, chemical, and pharmaceutical sectors. Researchers detailed the newest insights on selected natural microbiomes as well as on the construction of synthetic microbial consortia for applications in biorefinery processes.

The conference also provided a platform for early-career scientists, with a special lecture series led by female researchers in biotechnology. Poster sessions allowed researchers to discuss their most current findings with the research community. The conference was closed by the Scientific Director of the CeBiTec, Volker Wendisch.

(F.G. Avci, P. Peters-Wendisch, V.F. Wendisch)

Volker Wendisch elected as Fellow of Forum by the International Bioprocessing Association (IBA-IFIBiop)



On November 5th, 2025, Volker Wendisch received an award from the International Bioprocessing Association (IBA-IFIBiop), which has its headquarters at the Polytech Clermont Ferrand, Université Clermont Auvergne, France, and its Office of the President at Federal University of Paraná, Curitiba-PR, Brazil. The aim of IBA-IFIBiop (<https://iba-ifibiop.org/>) is to promote R&D in biotechnology and bioengineering. The Board of Juries of IBA-IFIBiop elected Volker Wendisch as Fellow of Forum (FIBA) for his scientific contributions. He received the Fellow Award as the first German scientist after previous winners came from the USA, Argentina, Brazil, China, Hong Kong, India, South Korea, Taiwan, Australia, France, Great Britain, Greece, Sweden, Spain, and Austria.

(V.F. Wendisch)

11th CeBiTec Retreat held at Haus Düsse

The 11th CeBiTec Retreat took place from August 28 to 29, 2025, at Haus Düsse, the seat of the Landwirtschaftskammer NRW (Chamber of Agriculture of North Rhine-Westphalia), in Bad Sassendorf. Fifty-seven participants attended the two-day meeting with 29 excellent scientific talks covering a wide array of topics from both research fields of the CeBiTec. Talks were presented by 16 distinct CeBiTec research groups, providing a broad and exhaustive overview of the research activities currently ongoing in the CeBiTec.



Participants of the 11th CeBiTec Retreat in front of the main entrance of Haus Düsse. © L. Wobbe

(L. Wobbe)

Impressum

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