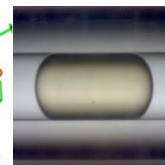
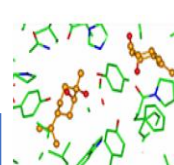




# ESAB

European Society of Applied Biocatalysis



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## NEWSLETTER

### ESAB

The applications of biocatalysis and its importance for many areas of science, industry and society are increasing and inspiring the creation of new cooperations, breakthrough innovation and value chains. As [ESAB](#) aims to promote the development of Applied Biocatalysis and takes initiatives in areas of growing scientific and industrial interest in the field, all ESAB Members are encouraged to bring in their expertise into one of the many ESAB Working Groups. These WGs are active in a number of specific biocatalysis areas, e.g. standardization, biocatalysis education, biocatalytic process engineering, functional genomics, synthetic biology and metabolic engineering, sustainable chemistry, and most recently bioeconomy. The new EU chemicals strategy ([https://ec.europa.eu/environment/strategy/chemicals-strategy\\_en](https://ec.europa.eu/environment/strategy/chemicals-strategy_en)) needs our attention and we are looking for ESAB members interested to become active and to devote about one day a week for the ESAB WG Sustainable Chemistry. Biocatalysis is a key enabling technology not only for innovation in Horizon Europe and in Europe's strive to be the first climate-neutral continent ([https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal\\_en](https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal_en)) but also for a vital global bioeconomy. .

### ESAB-ESBES JOINT SYMPOSIUM ON BIOCATALYTIC PROCESS ENGINEERING

The Symposium on Biocatalytic Process Engineering was organized and chaired by Polona Žnidaršič-Plazl and Bruno Bühler as a joint ESAB-ESBES event on 17<sup>th</sup> September 2020 at the [Virtual ESBES 2020 conference](#). The excellent lectures by Andreas Schmid, Selin Kara, Milan Polakovic, Christof Niemeyer, Juergen Pleiss and Goran Jovanovic attracted much interest and stimulated interesting discussions.

### ESAB EVENTS

- 13<sup>th</sup> International Conference on Protein Stabilization, [ProtStab 2021](#), Plovdiv, Bulgaria, 26<sup>th</sup> -28<sup>th</sup> May 2021
- 6<sup>th</sup> International Conference on Biocatalysis in Non-Conventional Media, [BNMC 2020](#), Milano, Italy, 6<sup>th</sup> – 8<sup>th</sup> May 2021
- 5<sup>th</sup> Multistep Enzyme Catalyzed Processes Congress, [MECP2020+1](#), Aachen, Germany, 13<sup>th</sup> -16<sup>th</sup> September 2021
- 6<sup>th</sup> International Conference on Implementation of Microreactor Technology in Biotechnology, IMTB 2022, Portorož, Slovenia, May 2022
- 7<sup>th</sup> International conference on [Novel Enzymes](#), Greifswald, Germany, September 2022

### ESAB WEBINARS

The first ESAB Webinar held on 1<sup>st</sup> October 2020 focused on Flow Biocatalysis, with excellent lectures given by Polona Žnidaršič-Plazl, Laszlo Poppe and Francesca Paradisi. The event was organized with the support of [DECHEMA](#) and was very well attended surpassing our expectations. Further topics to be covered in 2020/21 include:

- Standardization of Biocatalytic Reactions
- Amine Biocatalysis
- Biocatalysts from Extremophiles
- Multi-step Enzyme Catalysis
- Sustainable Chemistry
- Novel Enzymes

Dates and details to be announced shortly. ESAB members are welcome to submit their suggestions for further webinars to [ESAB Scientific Committee members](#).

### HOW TO JOIN ESAB

You are cordially invited to join ESAB *via* <http://esabweb.org/>.

Personal membership is free.