

Workshop "New Developments in Industrial Biocatalysis"

Field: Biotechnology

Date: 14 February 2019

Location: Frankfurt a.M.

Organizer: Robox and Carbazymes

The workshop "New developments in Industrial Biocatalysis" will take place on February 14 2019 in Frankfurt Main and will explore the state of the art in industrial biocatalysis using the new technologies developed in the Horizon 2020 projects ROBOX and CARBAZYMES.

The project ROBOX ("Expanding the Industrial Use of Robust Oxidative Biocatalysts for the Conversion and Production of Alcohols") has demonstrated the techno-economic feasibility of oxidative biocatalysts using four oxidative enzymes, which are currently used primarily in the pharmaceutical sector is to achieve a broader industrial application in markets with higher volumes and lower product prices.

In addition to oxidative biocatalysts, C-C bond formation reactions are of central importance in industrial organic synthesis to produce new molecules that are readily available from readily available materials. Although biocatalytic carbonylation processes have promising potential, they remain largely unexplored due to a number of technical hurdles. The goal of the CARBAZYMES project ("Sustainable Industrial Processes Based on a C-C Bond-Forming Enzyme Platform") is the biocatalytic synthesis of products on an industrial scale using a broad platform of C-C bond forming enzymes.

There is the possibility to participate in a networking event.

Event and Registration: > [here](https://www.eventbrite.co.uk/e/h2020-eu-new-developments-in-industrial-biocatalysis-demonstration-workshop-ticket-52261958926) (https://www.eventbrite.co.uk/e/h2020-eu-new-developments-in-industrial-biocatalysis-demonstration-workshop-ticket-52261958926)