



CALL FOR PAPERS

ICYBA 2021
Feb 08-09, 2021
Amsterdam, The Netherlands

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICYBA 2021 : International Conference on Yeast Biotechnology and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Yeast Biotechnology and Applications. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Yeast characterization and analysis
Brewing yeasts, wine yeasts, baker's yeasts
Evolution and variation of genomes of industrial yeasts
Yeast systems biology: genomics, proteomics, fluxomics, metabolomics, omics integration
Yeast nanobiotechnology
Yeast strain engineering
Yeast metabolic engineering: production of biofuels, secondary metabolites, commodity chemicals, proteins, biopharmaceuticals, material precursors
Yeast synthetic biology: yeasts as cell factories, tools for controlling enzyme expression levels, strategies for regulating spatial localization of enzymes in yeast, regulatory networks, biomolecular logic gates
Strain improvement via evolutionary engineering

Fermentation technology
Industrial bioreactors
Mini- and microbioreactors: single-cell analysis, high-throughput screening, microfluidic bioreactors
Process intensification: high-density fermentations, high-gravity fermentation
Fermentative stress adaptation
Industrial fermentation processes
Production of food and beverages
Production of baker's yeast
Production of biofuels, commodity chemicals, pharmaceuticals, material precursors, secondary metabolites