

## **Paola Branduardi - Italy**

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Paola Branduardi is Professor in Chemistry of Fermentation and Industrial Microbiology at the University of Milano Bicocca.

Paola's group (<https://indbiotechlab.btbs.unimib.it/>) is interested in the development of bioprocesses based on residual biomass & microbial metabolism as in the concept of biorefineries and biomanufacturing. This is pursued by tailoring microbial strains, mainly but not exclusively *Saccharomyces* and non-*Saccharomyces* yeasts, for the production of fine and bulk chemicals, biofuels, nutraceuticals. Synthetic biology, metabolic & bioprocess engineering, screening protocols and adaptive laboratory evolution are the approaches used to leverage microbial potential, including robustness against stress, to match industrial requirements.