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Strategies to improve yeast-based production of antibody molecules

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About Brigitte Gasser's lab: "Yeast Molecular Biotechnology"

Molecular Biotechnology determines and describes the underlying molecular principles of biotechnological production processes. Among these products, recombinant proteins (e.g. biotherapeutics and industrial enzymes) are of paramount importance. To accelerate the development of production strains it is crucial to understand the molecular physiology of the host, and the specific limitations that the product may exert on expression.

The yeast *Pichia pastoris* (syn. *Komagataella* spp) has emerged as an efficient host for recombinant protein production. We focus on the comprehensive understanding of protein folding and secretion, and on cell engineering for the improvement of these processes (BioTop Project 2019; BioTop Project 2015).

(source: [Gasser Lab: Yeast Molecular Biotechnology::Institute of Microbiology and Microbial Biotechnology::Department of Biotechnology \(DBT\)::BOKU](#))

On the 24th of May 2022 at 2 p.m. (CET) via WEBEX

WEBEX access details will be sent to the registered participants in time.

Please register for the lecture by e-mail to victoria.schiffer@reprefered.eu by 22nd of May.