

## **IP4-B1: Lab tour "Biotechnikum –Standard and downgraded yeast cultivation techniques using residual materials for the production of organic acids."**

The labtour takes place through the technikum of the UBZ and will show the microbiology laboratory and the standardised stirred tank bioreactors in different scales. Yeast processes and their bio-products like citric acid are explained with the focus on the use of different substrates. In addition, the importance of substrates from residues and by-products will be discussed and leads on to the establishment of non-sterile processes. This simplification of process control and performance enables the use of downgraded technology and is demonstrated with an Intermediate Bulk Container (IBC).

**Primary authors:** AURICH, Andreas; HUNGER, Steffi

**Presenters:** AURICH, Andreas; HUNGER, Steffi

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