

# Student assistant

## Fermentative production and extraction of natural pigments from a microbial process

### About Us:

The BIOSCALE group at BLT is looking for a student assistant in the field of bioengineering/ biotechnology or related disciplines to support a cooperative project with the Bioengineering and Biosystems group (IFG).

### Working conditions:

Duration: September – December 2024 (approximately 85 h/month)  
Alternatively: Longer working scope with earlier start (less than 85 h/month)

Payment: According to

[pse.kit.edu/intranet/Mitarbeiterinformation/Hilfskr%c3%a4fte%20Stundensaeetze%20zum%2001.04.2024.pdf](https://pse.kit.edu/intranet/Mitarbeiterinformation/Hilfskr%c3%a4fte%20Stundensaeetze%20zum%2001.04.2024.pdf)

### Your tasks:

- Fermentation of microorganisms for pigment production in stirred bioreactor
- Cell harvest and pigment extraction
- Periphery analysis/workflows: precultivation, sample preparation, HPLC analysis, bioreactor preparation and follow-up

### Contact:

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Please apply with motivation letter, CV and transcript of records in one pdf file. Thank you.

