



Institute of Biotechnology
Technische Universität Berlin
Bioprocess Engineering

BioProScale
DEVELOP · IMPROVE · SUSTAIN



Berlin University
Alliance

1st Berlin-BioTECH Symposium “Difficult to Express Proteins”

A BioProScale Event

DECEMBER 10-11, 2024

Versuchs- und Lehranstalt für Brauerei in Berlin (VLB) e.V.
Seestraße 13, 13353 Berlin, Germany

Information:

Participation Exhibition & Sponsoring

 <https://www.tu.berlin/en/bioprocess>

 VENUE: Versuchs- und Lehranstalt für Brauerei in Berlin (VLB) e.V., Seestraße 13, 13353 Berlin, Germany

1st Berlin-BioTECH Symposium “Difficult to Express Proteins” Berlin - December 10-11, 2024

■ About the Symposium

Recombinant proteins are the most important biotechnological products. They are particularly important for medical and biotechnological applications. As almost any chemical reaction can be catalyzed by proteins under mild conditions, they represent an environmentally friendly alternative to chemical synthesis. In order to meet the demand for the required proteins, appropriate bioprocesses must be developed for their efficient and cost-effective production on an industrial scale. On the one hand, *Escherichia coli* is a promising host for heterologous protein production as it can be grown very fast to very high cell densities, on the other hand heterologous production of many interesting proteins is challenging and they are considered as “difficult-to-express-proteins”. Within the symposium we want to address such challenges e.g. formation of disulfide bonds, non-canonical amino acids, glycosylation, production of membrane proteins, metalloproteins or super large proteins.

The symposium aims to bring about 60-80 scientists from the field together and will especially focus on interesting expression systems and strategies. We will open up room to bring researchers together to discuss possible solutions for tackling these challenges.

■ Topics

- Strain engineering
- Strain libraries
- Cell free systems
- Disulfid bonds
- Selenoproteins
- Elastines
- Metalloproteins
- Protein engineering

■ Organizers

BioProScale e.V. & Bio-PAT e.V. in cooperation with
Chair of Bioprocess Engineering, TU Berlin

■ Conference days / format

December 10-11, 2024 (Tue - Wed)
In-person event in Berlin, Germany

■ Location

*Versuchs- und Lehranstalt für Brauerei in Berlin
(VLB) e.V., Seestraße 13, 13353 Berlin, Germany*

■ Language

Congress language is English. No translation will be provided.

■ Participation

Scientists: Limited number of free tickets
Participant from industry: 600 €*

■ Exhibitor Packages

Don't miss the opportunity to present your company, your products and services to your target group in the accompanying exhibition from Tuesday to Wednesday.

Gold Package

2 chairs + 2 tables, 3 x 2 m floor space, 4 full registrations; logo on the website 6000 €*

Silver Package

2 chairs + 2 tables, 3 x 2 m floor space, 2 full registrations; logo on the website 4000 €*

Bronze Package

1 chair + 1 table, 2 x 2 m floor space, 1 full registration; logo on the website 2000 €*

Other options:

Sponsor logo on the website 1000 €*
Further Options on request

* all prices plus German VAT

■ Contact for Exhibitors / Sponsors

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Registration (Participation & Sponsoring):

<https://eveeno.com/176255980>

