



Tag der Biologie / BioDay
10 July 2025
N27, Multimedia Room



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Stress and Resilience of Biological Systems

Preliminary Programme

09:30 **Scientific Speed Dating**

10:30 **Coffee**

11:00 **Annika Herwig** | Institut für Molekulare Endokrinologie und Physiologie
Resilience to energetic bottlenecks: what can we learn from seasonal mammals?

Kunal Jani | Institut für Evolutionsökologie und Naturschutzgenomik
Land use intensification stresses the microbiome along the grassland trophic chain

Estera Jeruzalska | Institut für Pharmazeutische Biotechnologie
Perturbation of cellular membrane homeostasis upon depletion of PUR genes

Peter Pfeiffer | Institut für Proteinbiochemie
Stress from protein misfolding: how pathogenic structures can be proliferated

Speakers are listed alphabetically but not necessarily chronologically. Please stay for the entire session!

12:30 **Break**

13:30 **Benjamin Grupp** | Institut für Molekulare Genetik und Zellbiologie
A nucleotide-triggered molecular switch orchestrating septin polymerization

Sooyeon Lee | Institut für Molekulare Endokrinologie und Physiologie
Glucocorticoid Stress Hormones and Bone Resilience: Friends or Foes?

Henriette Leicher | Institut für Botanik
Mutation of a plant receptor module promotes powdery mildew resistance

Anita Marchfelder | Institut für Molekularbiologie und Biotechnologie der Prokaryoten
Resilience through defence – how to cope with virus induced stress

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15:00 **Poster Session with Coffee**

16:00 **Gert Bange** | Philipps University Marburg
Feeling Stressed? Adenosine Dinucleotides as Universal Mediators of Stress Responses

17:00 **Get together at the Botanical Garden**



The Public Lecture at 4 pm does not require a registration.
To participate at any of the other sessions or activities, **please register**
using the following link or QR code (**registration deadline 31 May 2025**):

www.uni-ulm.de/bioday