

RIM2024, Program

Monday 23rd September

Arrival till 18:00

18:00 – 19:00 Registration

19:00 – 19:05 Opening remarks

Session 1 – Regulation and Cell Envelope Integrity



Chair: Natalia Tschowri (Leibniz-Universität Hannover)

19:05 – 19:20 Talk 1 – Susanne Gebhardt (Johannes Gutenberg-Universität Mainz): **Enterococcal signaling pathways involved in resistance against cell wall antibiotics**

19:25 – 19:40 Talk 2 – Laura Wiens (Johannes Gutenberg-Universität Mainz): **Exploring the relationship between the two-component system CroRS and the second messenger c-di-AMP in regulating β -lactam tolerance in *Enterococcus faecalis***

20:00 Dinner

Tuesday 24th September

Session 2 – Transcriptional and Cell Cycle Regulation



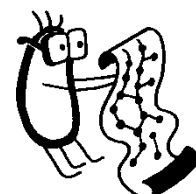
Chair: Jürgen Lassak (Ludwig-Maximilians-Universität München)

9:10 – 9:25 Talk 3 – Janka Schmidt (Ruhr-Universität Bochum): **Two redox-responsive LysR-type transcriptional regulators control the oxidative stress response of *Agrobacterium tumefaciens***

9:30 – 9:45 Talk 4 – Ronja Fiedler (Ruhr-Universität Bochum): **The rhizobial transcriptional regulator LsrB detects host-derived signals**

9:50 – 10:05 Talk 5 – Ria Basu Roy (Universität zu Köln): **Ydcl, a LysR-type transcription regulator and player in the general and phosphate stress response in *Escherichia coli***

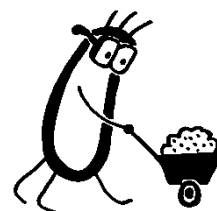
- 10:10 – 10:25 Talk 6 – Evrim Özdemir (Technische Universität Dresden): **Deciphering the role of iron homeostasis on the regulation of pulcherriminic acid biosynthesis in *Bacillus subtilis***
- 10:30 – 10:45 Talk 7 – Jannik Harberding (Philipps-Universität Marburg): **A novel regulatory module important for cell cycle regulation in the stalked budding bacterium *Hyphomonas neptunium***
- 10:50 – 11:20 **Tea and Coffee break**



Session 3 –Metabolism, Biotechnological Applications, Databases

Chair: Susanne Gebhard (Johannes Gutenberg-Universität Mainz)

- 11:20 – 11:35 Talk 8 – Erica Flora Aveta (Ludwig-Maximilians-Universität München): **Underground metabolism in the gut: Degradation of N_{ϵ} -carboxymethyllysine (CML) in *Escherichia coli***
- 11:40 – 11:55 Talk 9 – Lars Lilge (Universität Hohenheim): **A two-step regulatory circuit involving Spo0A-AbrB activates mersacidin biosynthesis in *Bacillus subtilis***
- 12:00 – 12:15 Talk 10 – Frederik Völker (Rheinisch-Westfälische Technische Hochschule Aachen): **Novel insights into the effect of citrate supplementation on carbon catabolite repression and glutamate metabolism of *Bacillus subtilis* 168 during poly- γ -glutamic acid synthesis**
- 12:20 – 12:35 Talk 11 – Dumitrita Iftime (Eberhard Karls Universität Tübingen): **Crosstalk of ristomycin A and epoxyquinomycin B biosynthetic pathways in *Amycolatopsis japonicum*: competition for shikimate pathway derived aromatic precursors**
- 12:40 – 12:55 Talk 12 – Christoph Elfmann (Georg August-Universität Göttingen): **SubtWiki relaunched: a brand-new foundation and novel features**
- 13:00 – 14:00 **Lunch Break**



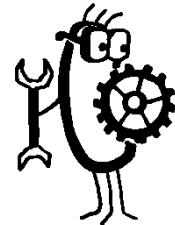
Session 4 – Regulation, Second Messenger-dependent Signaling

Chair: Johannes Gibhardt (Universität Hohenheim)

- 14:00 – 14:15 Talk 13 – Maryia Ratnikava (Philipps-Universität Marburg): **Assembling *E. coli*'s curli puzzle: new insights from gene deletion and expression analysis**

- 14:20 – 14:35 Talk 14 – Fabio Platz (Johannes Gutenberg-Universität Mainz): **First insights into the role of 2',3'-cNMP second messengers for regulation of sessility in *Photorhabdus luminescens***
- 14:40 – 14:55 Talk 15 – Johanna Vogler (Leibniz-Universität Hannover): **A regulatory feedback loop in c-di-GMP dependent control of *Streptomyces* differentiation**
- 15:00 – 15:15 Talk 16 – Daniel Stukenberg (Technische Universität Darmstadt): **Investigating (p)ppGpp metabolism in the fast-growing bacterium *Vibrio natriegens***
- 15:20 – 15:35 Talk 17 – Buse Cinar (Leibniz-Universität Hannover): **Local c-di-GMP signaling in the control of cell differentiation in *Streptomyces***
- 15:40 – 16:00 **Tea and Coffee Break**
- 16:00 – 19:00 **Hiking Tour around Michelsberg**

Session 5 – Regulation, Translation, RNA Turnover and Proteolysis

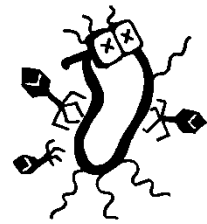


Chair: Lars Lilge (Universität Hohenheim, Germany)

- 19:00 – 19:15 Talk 18 – Alina Sieber (Ludwig-Maximilians-Universität München): **Regulation of translational stress response by elongation factor-P and EF-P like proteins**
- 19:20 – 19:35 Talk 19 – Javiera Pino (Georg August-Universität Göttingen): **Endoribonuclease-mediated regulation of the balance between RNA degradation and transcription**
- 19:40 – 19:55 Talk 20 – Rebecca Hinrichs (Philipps-Universität Marburg): **YhaM, the protecting roadblock for the replisome?**
- 20:00 – 20:15 Talk 21 – Ostap Krynytskyy (Georg August-Universität Göttingen): **Role of proteolysis in the regulation of fatty acid acquisition in *Bacillus subtilis***
- 20:15 p.m. **Dinner**

Wednesday 25th September

Session 6 – Regulation, Phages, Antibiotic Resistance



Chair: Ralf Heermann (Johannes Gutenberg-Universität Mainz)

- 9:00 – 9:15 Talk 22 – Sarah Miercke (Technische Universität Dresden): **Unravelling the role of transcriptional and post-transcriptional regulation for the production of the antimicrobial eptide EPE in *B. subtilis***
- 9:20 – 9:35 Talk 23 – Linda Marina Hzeugang Youtha (Universität zu Köln): **Characterization of the LysR-type transcriptional regulator HdfR**
- 9:40 – 9:55 Talk 24 – Tom Luthé (Forschungszentrum Jülich): **How to infect a multicellular bacterium – The role of phage-encoded WhiB-like regulators**
- 10:00 – 10:15 Talk 25 – Katharina Kohm (Universität Hohenheim): **The hidden arsenal: a novel plasmid-mediated antiphage defense system**
- 10:20 – 10:35 Talk 26 – Johannes Gibhardt (Universität Hohenheim): **Expression dynamics of the *CfrBI* restriction-modification system and its impact on the restriction of phage infections**
- 10:40 – 11:10 Tea and Coffee Break**
- 11:10 – 11:25 Talk 27 – Nazzareno Dominelli (Johannes Gutenberg-Universität Mainz): ***Staphylococcus aureus* and mycosis fungoides: microbiological insights into CTCL-associated bacteria**
- 11:50 – 12:00 Poster awards & closing remarks**
- 12:00 – 13:00 Lunch break**
- 13:00 Departure**