

# Specialized Microbial Metabolism

Mini-symposium hosted by Umik

Tuesday 24 Nov, 15:00 – 17:15

**eawag**  
aquatic research ooo

An online symposium connecting the Zürich research community working in the fields of microbial enzymology and natural products.

Register online at: <https://tinyurl.com/umiksymposium>

Zoom link to follow by email to registrants

## Presenters:



**Prof. Dr. Jörn Piel**  
Institute of Microbiology  
ETH Zürich

**Prof. Dr. Kathrin Fenner**  
Dept. of Chemistry, UZH  
Uchem, Eawag



**Prof. Dr. Karl Gademann**  
Dept. of Chemistry  
UZH



**Dr. Elisabeth Janssen**  
Group Leader  
Uchem, Eawag



**Prof. Dr. Leo Eberl**  
Dept. of Plant and  
Microbial Biology  
UZH

## Organizers and co-hosts



**Dr. Serina Robinson** **Dr. Noelle Held**  
Umik, Eawag and ETH

Registration QR code:



Registration:



## Invitation

# Specialized microbial metabolism mini-symposium

*A symposium connecting diverse research groups at Eawag, UZH, and ETH, on microbial enzymology and the structure and ecology of specialized metabolites.*

**Tuesday, November 24, 2020, 15.00 – 17.15**

A special Umik event\* entirely remote and hosted over Zoom

\*Please note the change from the normal Umik symposium time of 16:00

Zoom link will be shared with registrants by email

**Register online at:** <https://tinyurl.com/umiksymposium> or by scanning the QR code above

*All talks will be 15 minutes with 10 minutes after each for questions*

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15:00 - 15:05

*Welcome & Intro* (Dr. Serina Robinson, Dr. Noelle Held, Umik)

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15:05 - 15:20

**Prof. Dr. Leo Eberl**, Dept. of Plant and Microbial Biology, UZH

“Members of the genus *Burkholderia* are linguistically talented poisoners”

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15:30 – 15:45

**Dr. Elisabeth Janssen**, Uchem, Eawag

“Identifying site-specific damage in enzymes and suspect-screening of cyanobacterial metabolites by LC-HRMS/MS”

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15:55 - 16:10

**Prof. Dr. Jörn Piel**, Institute of Microbiology, ETH Zürich

“Natural products from strange microbes”

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16:20- 16:35

**Prof. Dr. Karl Gademann**, Dept. of Chemistry, UZH

“Discovery, design, and delivery of next-generation antibiotics”

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16:45 – 17:00

**Prof. Dr. Kathrin Fenner**, Dept. of Chemistry, UZH and Uchem, Eawag

“The quest for the agents of contaminant biotransformation in natural microbial communities”

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17:10 – 17:15 *Closing remarks* (Dr. Serina Robinson, Dr. Noelle Held, Umik)