

# Bacterial Glutarate Oxidation and its Role in Central Carbon and Energy Metabolism (Prof. Dr. Jörg Hartig and PD Dr. David Schleheck)

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## Summary

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### *Cellular Biochemistry*

Supervisors: Jörg Hartig  
David Schleheck

Availability: This position is available.

Offered by: KoRS-CB

Application deadline: Applications are accepted between June 01, 2017 00:00 and July 16, 2017 23:59 (CEST)

## Description

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We are looking for a highly motivated PhD candidate with research experience in microbiology and/or biochemistry, in order to carry out research at the intersection of biology, chemistry, and computer sciences. The groups of Jörg Hartig and David Schleheck, and the Falk Schreiber group, will team up in order to investigate a novel route in the central carbon and energy metabolism of bacteria. The physiological role of the reactions will be investigated with interdisciplinary approaches including microbiology, chemical biology, and metabolic modeling.



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