



EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



CSC-Tübingen PhD Scholarship Program

2024 application round: prospective PhD positions at the University of Tübingen

Faculty:	Science
Institute / Section / Subject:	Interfaculty Institute for Microbiology and Infection Medicine Tübingen (IMIT) - Microbial Genetics
Supervising Professor(s):	Prof. Dr. Friedrich Götz
About the Supervisor:	Has studied Biology and Chemistry at Munich University with a main focus in microbiology, received several awards and calls, was president of the association of general and applied microbiology, is member of the European Academy Microbiology (EAM), received 1987 the Chair in Microbial Genetics at the University Tübingen, holds a Seniorprofessorship with about 7 coworkers. Ranks in Germany top 8 Scientists in the field of Microbiology (https://research.com/scientists-rankings/microbiology), home page: www.imit.uni-tuebingen.de/beteiligte-einheiten/mikrobielle-genetik.html
Specification:	Leading scientist in microbiology and infection biology. The objectives of his research are: The physiology of staphylococci, carbondioxide metabolism, lipoproteins and immune response, microbiota controlling peripheral and central nervous system.
Topic Description:	Microbiota-derived neurotransmitters and their impact on neurological disorders. Neurotransmitter-producing and -metabolizing bacteria are widely distributed in the human microbiota. The influence of these bacteria on the peripheral and central nervous system is poorly understood. The Götz group has been intensively studying neurotransmitter-producing bacteria in humans and their influence on the peripheral nervous system. <u>Topic:</u> Interaction of neurotransmitter-producing bacteria with neuronal receptors
Degree:	Dr. rer. nat.
Required Degrees:	
Language Requirements:	Fluency in spoken and written English (IELTS 6,5 or TOEFL equivalent)..
Notes:	none