

PhD Position at Charité Universitätsmedizin Berlin - Campus Virchow Klinikum

The Infectiology Group of PD Dr. med. Andrej Trampuz at the Charité – Universitätsmedizin Berlin has an open position for a **PhD student** to work on an cooperative European project focused on „Antibiofilm therapy using Local Application of Bacteriophages“.

Job profile:

The aim of the project is to introduce a new concept in the treatment of antibiotic resistant biofilm infections, by delivering biofilm-adapted bacteriophages in a customised local delivery vehicle.

The methods to be employed include phage isolation, phage *in vitro* evolution, local delivery vehicle design, and clinically relevant *in vitro* and *in vivo* models of biofilm infection.

The work will be performed in the team of Dr. Trampuz with the opportunity to do lab-exchanges between the laboratories of the other project partners (Switzerland, Belgium and Italy).

Additionally, the PhD student will be part of the Berlin-Brandenburg School for Regenerative Therapies, an excellent graduate school that offers interdisciplinary training and research opportunities in the field of Regenerative Medicine for outstanding doctoral and postdoctoral researchers with a background in the biological, engineering or clinical disciplines.

Requirements:

Master or diploma degree in biotechnology, biology, biochemistry, pharmacy or related studies. Strong background in some of the following areas: molecular biology, microbiology, virology, bioinformatics, genetic engineering, antimicrobials.

Highly motivated and enthusiastic student with a strong interest in life sciences and biomedicine. Excellent communication skills in English (oral and written) and ability to communicate scientific ideas and research results.

Offer:

Charité – Universitätsmedizin Berlin offers a 3-year contract starting in **April 1st, 2019**.

The PhD student will be also supported to attend international conferences on the field of clinical microbiology and infectious diseases.

Please upload your application with a CV, a description of the research experience, and - if available - recommendation letters electronically via email to Mercedes González Moreno (mercedes.gonzalez-moreno@charite.de). For further information, please do not hesitate to email us.

We look forward to your application! The deadline for applications is **January 7th, 2019**.