

Vorlesungsankündigung/Lecture Announcement winter term 2017

for students enrolled in Pharmacy, MSc Chemistry, MSc Biology, MSc Biotechnology or related advanced studies, and Chemistry/Pharmacy/Biology PhD students

Bioorthogonal Chemistry & Bioconjugation

Dr. Martin Empting, HIPS Saarbrücken

Contents:

Azide-alkyne cycloadditions and beyond - from click chemistry to bioorthogonal reactions; What is the status of *in vivo* chemistry/biocompatible reactions? Chemical modifications of proteins and peptides; Applications of bioconjugate chemistry in biomedical research and biopharmaceutical drugs (e.g. antibody-drug conjugates and theranostics).

Course Language: English or German

2 SWS, final written exam (not graded), 3 ECTS-Points, Modul Naturwissenschaften

Weekly lectures start Do. Oct 26th 8:30 - 10.00 in building E2.1, room 0.01 (ground floor).

Interested students please contact Martin Empting in advance via email: martin.empting@helmholtz-hzi.de