



Enzyme-Catalyzed Approaches towards Natural Products and Their Analogs

Guest Editors:

Prof. Dr. Frank Schulz

Department of Chemistry and
Biochemistry, Ruhr-Universität
Bochum, Bochum, Germany

Dr. Katrin Rosenthal

Department of Biochemical and
Chemical Engineering, Chair for
Bioprocess Engineering, TU
Dortmund University, Dortmund,
Germany

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Natural products are a constant source of new chemical entities that have always inspired fundamental biological and chemical research as well as medical and technological applications. In recent years, it has become increasingly feasible to access natural products or their analogues by using biocatalytic cascades. This subject is studied in whole cells as well as in cell-free systems, and experiments have been inspired by progress made in the fields of enzyme engineering, immobilization of enzymes, and flow chemistry.

In this Special Issue, we would like to illustrate the interaction of these disciplines. One focus will be on multistage enzymatic cascades, both in vitro and in whole cells.

Prof. Dr. Frank Schulz

Dr. Katrin Rosenthal

Guest Editors

