

## Research Project

### MetTraC

#### Third-party funded project

**Project title** MetTraC

**Principal Investigator(s)** [Seebeck, Florian Peter](#) ;

**Organisation / Research unit**

Departement Chemie / Molecular Bionics (Seebeck)

Departement Chemie / Organische Chemie (Gademann)

**Department**

**Project start** 01.03.2019

**Probable end** 31.08.2020

**Status** Completed

The goal of this project is to develop a general system for preparative enzyme-catalyzed methylation reactions. Selective methylation of complex molecules can be challenging for synthetic chemistry. Given the exquisite chemo-, regio- and stereoselectivities of enzyme catalysis we believe that biocatalysis presents a powerful alternative for commercial production of pharmaceuticals and fine chemicals. In this project we demonstrate the applicability and commercial viability of a novel enzyme-based technology to preparative methylation reactions.

**Financed by**

Commission of the European Union

**Add publication**

**Add documents**

**Specify cooperation partners**