

Research Project

Ring Expanded Glycomimetic FimH Antagonists as Lead Compounds for anti-UTI Therapies

Third-party funded project

Project title Ring Expanded Glycomimetic FimH Antagonists as Lead Compounds for anti-UTI Therapies

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Organisation / Research unit

Departement Pharmazeutische Wissenschaften / Molekulare Pharmazie (Ernst)

Project start 01.08.2018

Probable end 31.07.2020

Status Completed

The application seeks to identify small molecule anti- adhesins for FimH that will antagonize the association of *E.coli* with cell surface glycoproteins - which is the first steps in the initiation and progression of urinary tract infections (UTI). If successful, this research may yield potentially new therapies for the treatment of UTI, and is thus highly significant.

Keywords Bacterial infection, urinary tract infection, septanoses

Financed by

Foreign Governmental Research Agencies

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