



GESELLSCHAFT DEUTSCHER CHEMIKER

Ortsverband Osnabrück

“Molecular Tweezers - tailored materials for biomedical applications”

Prof. Dr. Thomas Schrader

Universität Duisburg Essen, Institut für Organische Chemie

Until today, we are threatened by diseases for which there is virtually no cure – like Alzheimer’s, Parkinson’s and emerging viruses such as SARS-CoV-2. Medical therapies must go entirely new roads for innovative solutions with minimal side effects.

The lecture presents a new class of supramolecular drug molecules, which may offer such a solution for the above-mentioned diseases. It presents the synthetic access to tailored tweezer materials, elucidates their supramolecular mechanism and explains their specific interaction with proteins and viral membranes. The story begins with basic science and ends with highly promising animal experiments – hopefully on the way to clinical trial.

Der Vortrag findet am **Di, 30.05.2023, 17:00 Uhr** im CellNanOs statt:
Raum 38/201, Barbarastr. 11, 49076 Osnabrück

Besucher sind herzlich willkommen!

Der Ortsverbandsvorsitzende:

Prof. Dr. Andreas Hennig, Chemie Osnabrück, Universität Osnabrück
Tel.: 0541 969-2495; Email: andreas.hennig@uni-osnabrueck.de