

Master Thesis Project

Bunch Research Group



DESIGN AND SYNTHESIS OF NEUROACTIVE SMALL MOLECULES

Q: Are you interested in organic / medicinal chemistry?

A: Join us and work on

- Design and synthesis of chemically complex small molecules
- Design and synthesis of natural products and analogs thereof
- Stereoselective synthesis
- Structure-activity relationship (SAR) studies
- New organic chemistry methodology

Q: Biological targets?

A: We focus on targets in the brain and are dedicated to contribute to the understanding of the many diseases such as Alzheimer's disease, Huntington's disease, amyotrophic lateral sclerosis, epilepsy, depression, anxiety, schizophrenia and cerebral stroke.

Q: Supervision and group life?

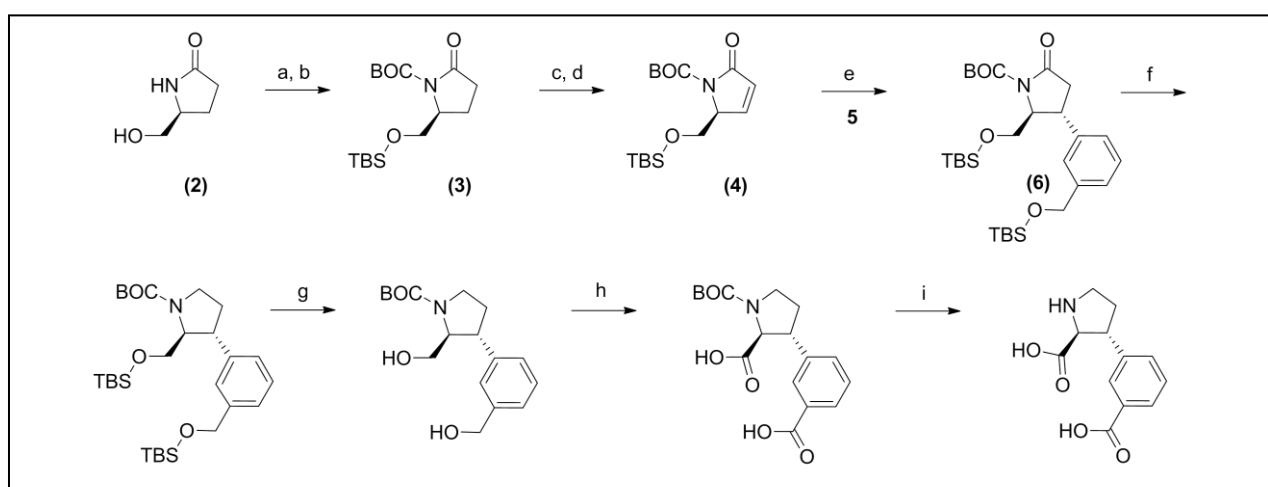
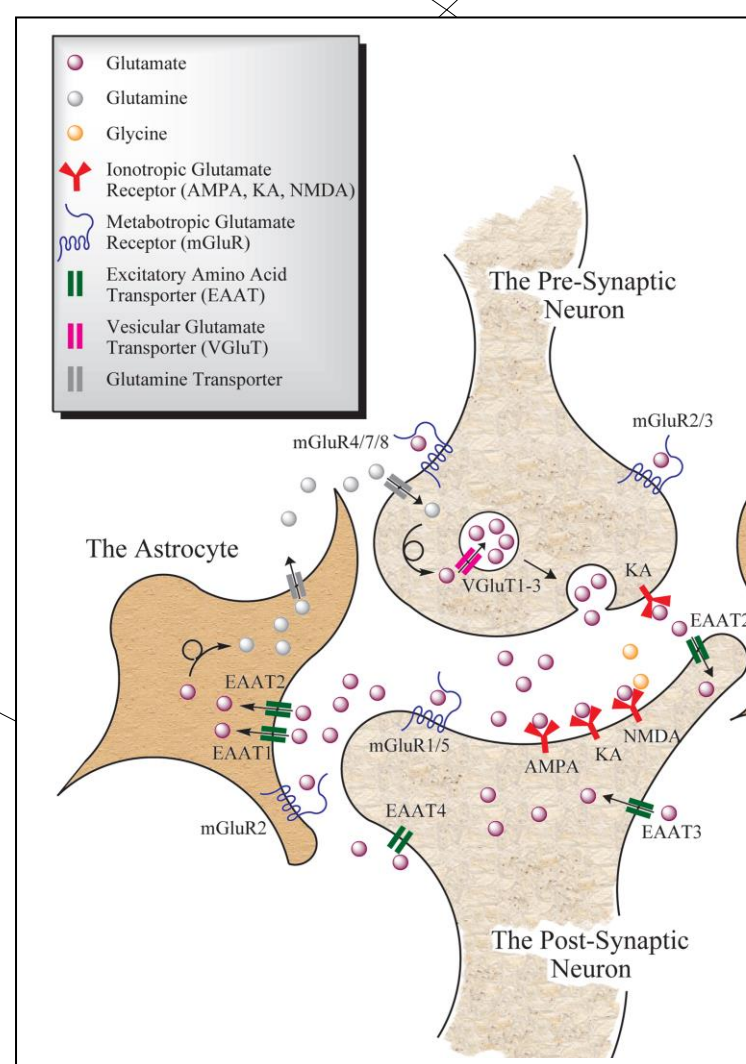
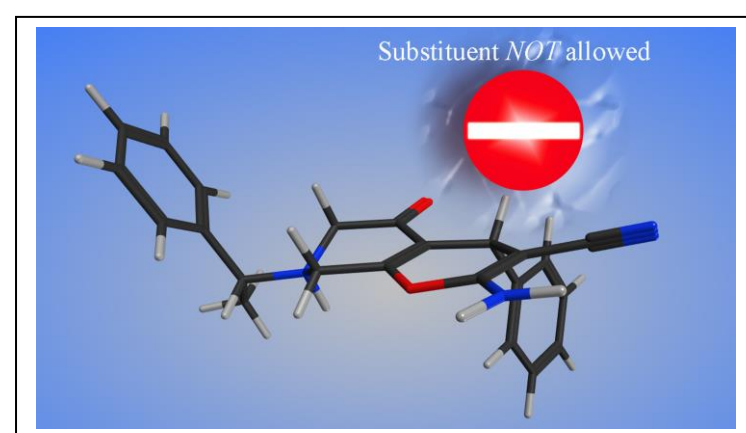
A: I hold biweekly project meetings where we discuss results and decide where to the project should go. The group is highly international; students from all over the world join us.

Contact **Lennart Bunch** at:

lebu@sund.ku.dk

Bunch research group webpage: [link](#)

Department of Drug Design and Pharmacology
Faculty of Health and Medical Sciences
University of Copenhagen
Denmark



Info:

Duration: 30-60 ECTS points
Start: As agreed to

Project outline:

Retro-synthetic analysis
Literature study
Experimental organic chemistry
Report writing / publication