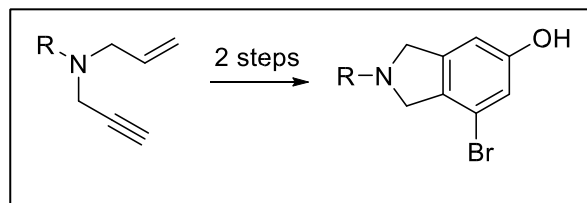


NEW METHODOLOGY FOR EXPEDITE DRUG SYNTHESIS

MSc project in Organic Synthesis

ECTS: 45-60 points

START: As agreed to



Which compound will be next multi-billion blockbuster drug? This is indeed a difficult question to answer - and then again not... It is in fact very easy to answer: It will be a compound, which we can synthesize in a reasonable amount of steps!

This master project focuses on the development of new synthetic methodology important to medicinal chemistry research. The MSc project can focus on one of the following objectives:

- New methodology for the synthesis of chemically complex molecules
- New methodology for enantioselective and/or stereo-controlled synthesis of fragments
- Synthesis of new planar heterocycles

The master project will comprise:

- Literature search
- Retrosynthetic analysis
- Experimental work
- Thesis writing & oral defense

You can combine your thesis work with a stay in an international academic group

If you would like to hear more, you are welcome to contact me.

CONTACT:

Lennart Bunch, Department of Drug Design and Pharmacology (ILF)

E-mail: lebu@sund.ku.dk

STUDENT SUPERVISION:

I hold bi-weekly project meetings with each student in the group. In addition to this, I run an open door policy after 13:00 where you are always welcome to drop by. As a master student you will also have a PhD student or postdoc as your co-supervisor.

ABOUT THE BUNCH RESEARCH GROUP AT ILF:

The group comprises 3-6 students/postdocs and is highly international. We work with national and international groups to achieve our goals of making significant contribution to both new

techniques/methods for medicinal chemistry research, as well as to discover novel tool compounds for disease modulation/understanding.

Please see our group webpage here for detailed information: [Bunch Group](#)