

Teaching Portfolio

Finn Kirpekar

Institut for Biokemi og Molekylær Biologi

Molekylær Mikrobiologi

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Formal educational training

2009 Project supervision/Facilitation. One day course
2015 "Head of Studies at SDU" course. Three day course

Administrative tasks related to education

2004 - 2007 Member of the Science Faculty Study Board, SDU
2004 - 2014 Member of the Department Teaching Committee (Chairman 2004 - 2007)
2008 - 2017 Member of coordination committee for the Biomedicine Education (Nat-Sund udvalg)
2011 - 2012 Member of the planning group for Science educations at SDU
2011 - 2018 Head of Educational Program, Omics master programme, Sino-Danish Center for Education and Research
2014 - 2017 Chairman of Life Science Teaching Committee, Sino-Danish Center for Education and Research
2014 - present Head of Studies, Faculty of Science, University of Southern Denmark
2019 - present Member of "2IP -International Innovation Project" advisory board.

Experience with teaching, supervision and examination

Extensive lecturing experience in Molecular Biology, Genetics, Protein Biochemistry, Mass Spectrometry, and Biomolecular Chemistry

Extensive experience in class room teaching (Molecular Biology, Genetics, Protein Biochemistry, Mass Spectrometry, Membrane and Enzyme Biochemistry, Analytical Biochemistry); Teaching done in Denmark and China

Extensive experience in lab exercises (Molecular Biology, Yeast Genetics, Biochemistry, Mass Spectrometry)

Extensive experience in project-based teaching

Administrative responsible for courses in Biomolecular Chemistry and Molecular Biology.

Developed course in Biomolecular Chemistry, including lab exercises (intake: 200-300 students/year) and Analytical Biochemistry (Omics master programme, Sino-Danish Center for Education and Research).

Supervision of dozens of bachelor, masters and other individual projects.

Conducts written and oral exams on a regular basis. Extensive experience with student project reports and oral defence of these.

Teaching of mixed Danish-Chinese classes on SDC Omics Masters programme in Beijing

Methods, materials and tools

Compiled the textbook Biomolecular Chemistry together with Erik Bjerregaard Pedersen.

E-tests as part of continuous evaluation of students.

Use of Clickers etc. during lectures

Designing 1. year projects that allow students sufficient freedom to develop ownership and "appreciate" real-life frustrations

Educational development and educational research as well as educational awards

Developed exercises in molecular cloning for high school students

Pioneer in developing material for - and the use of - study groups at the Faculty of Science, SDU

Development and implementation of *Omic*s master programme in the context of Sino-Danish Center for Education and Research