Entrepreneurial Thinking in Biosciences

Module coordinator: BioCareers
Coordinator: Faculty of Biology
ECTS: 3
Method of grading: Only after successfully completed

Duration: 1 semester
Module level: Undergraduate
Other prerequisites: 

Contents:
This module will provide students with an insight into how the biotech and pharma industry functions: innovative therapeutics: from bench to bedside - the work of scouts - introduction to pharmaceutical drug development - the long journey from the research project via biotechnology and the pharma industry to the patient - biotech, pharma industry and the academic world: why join forces? - development of therapeutics at Novo Nordisk - what makes a successful biotech entrepreneur? - advances in antibody-based immunotherapy - the development of antibodies: a success story - risks and side effects - the TGN1412 study - current trends in antibody development.

Intended learning outcomes:
Students will see behind the curtain of businesses and will understand the procedures and processes used by businesses in the bioscience sector.

Courses:
V + S (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
methods of assessment: a) written examination (approx. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) presentation (approx. 20 to 30 minutes); students will be informed about the method and length of the assessment prior to the course

Allocation of places:

Additional information:

Referred to in LPO I (examination regulations for teaching-degree programmes)

Module appears in:
Bachelor' degree (1 major) Biology (2011)
Bachelor' degree (1 major) Biology (2010)