

## Teaching portfolio

**1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.**

2025: Principal Opponent at a medical students' research year defense on the topic "Extracellular Vesicle GFAP as a Biomarker of Traumatic Brain Injury Severity: Insights from a Validated SEC Method," Research House, Aalborg University Hospital.

2024-2025: Teaching and examining medical students in clinical biochemistry during the elective course "Meeting with the Paraclinical Specialties."

2024-2025: Supervisor for specialist training doctors in clinical biochemistry.

2024-2025: Supervisor for a master's thesis student in medicine with industrial specialization (MedIs).

2024: Organized a "competency school" for medical laboratory technicians titled "DPD Activity and Dosing of Fluorouracil."

2023: Organized a "competency school" for medical laboratory technicians titled "Analysis Principles in Coagulation."

2022-2025: Supervisor for training doctors' coagulation investigations at the Coagulation Unit, Clinical Biochemical Department, Aalborg University Hospital.

2021-2023: Annual teaching on "Introduction to DNA Sequencing" in the Master's program in Personalized Medicine, Aalborg University and Aarhus University.

2021: Teaching on "Fractionation of Conjugated Bilirubin with HPLC" for doctors and biochemists at the clinical biochemical departments in Aalborg and Aarhus (videoconference).

2020: Teaching for the Danish Professional Society for Consultation and Infirmary Nurses on "Investigation and Management of Vitamin B12 Deficiency."

2019: Teaching on "First & Next Generation Sequencing" for doctors and biochemists at the clinical biochemical departments in Aalborg and Aarhus (videoconference).

2019: Presentation on the specialty Clinical Biochemistry for MedIS (Medicine with Industrial Specialization) students.

2018: Lecture titled "Tissue Factor-Bearing Extracellular Vesicles: Potential Contributors to Increased Thrombogenicity in Patients with Atrial Fibrillation" at the Extracellular Vesicle Symposium organized by the Extracellular Vesicle Research Center Denmark.

2018: Organized a "competency school" for medical laboratory technicians titled "Handling of Abnormal Test Results – Disease or Measurement Error."

2018-2024: Introduction of medical students to a three-day course in Clinical Biochemistry, including department tours and teaching on "Cases from Daily Life in Clinical Biochemistry," "HbA1c," "Differential Blood Count", and "Thrombophilia and Bleeding Investigation."

2018-2023: Supervisor for several introductory doctors in Clinical Biochemistry, Aalborg University Hospital.

2017: Teaching on "Extracellular Vesicles as Biomarkers" for medical doctors and medical laboratory technicians at the Departments of Clinical Biochemistry in Aalborg and Aarhus (videoconference).

2017: Oral presentation in the "Journal Club" for doctors, biochemists, and research medical laboratory technicians, Department of Clinical Biochemistry, Central Denmark Region.

2016-2017: Introduction of medical students to a one-week course in Clinical Biochemistry and teaching on "Hematology – The White Blood Cells" and "Inflammation," Department of Clinical Biochemistry, Central Denmark Region.

2016: Presentation on Evidence-Based Medicine for doctors and genetic assistants at the Clinical Genetic Department, Aalborg University Hospital and Vejle Hospital (via videoconference).

2015-2016: Teaching medical students in clinical genetic cases, Clinical Genetic Department, Aalborg University Hospital.

2013: Theoretical overview for junior doctor colleagues on principles of spectrophotometry and flow cytometry, Department of Clinical Biochemistry, Aalborg University Hospital.

2011-2014: Teaching medical laboratory technicians in ECG interpretation and management of acute patients in the outpatient clinic, Department of Clinical Biochemistry, Aalborg University Hospital.

2011: Teaching bioanalysts in coagulation disorders and anemia, Department of Clinical Biochemistry, Aalborg University Hospital.

2009-2025: Various professional and academic presentations in the "Literature Club for Doctors and Biochemists" and "MV Journal Club," as well as at research meetings and morning cases for medical laboratory technicians at the Department of Clinical Biochemistry, Aalborg University Hospital.

2012-2014: Teaching medical students in "Hematology – The White Blood Cells," Department of Clinical Biochemistry, Aalborg University Hospital.

2011-2012: Co-supervisor and co-examiner for thesis students in Medicine with Industrial Specialization.

2010: Presentation on the Danish Quality Model during a focus day on laboratory accreditation for all staff at the Department of Clinical Biochemistry, Aalborg University Hospital.

2009-2012: Teaching medical students in "Liver and Bile Ducts" at the Department of Clinical Biochemistry, Aalborg University Hospital.

2008: Teaching doctor colleagues in "Poisonings" at the Department of Hematology, Aalborg University Hospital.

**2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.**

2025: Elected to the official steering committee of the Network for Clinical Associate Professors in the North Denmark Region and joined the committee's education subcommittee at the inaugural general meeting on January 7, 2025.

2024-2025: Organized a two-week educational programme, including examinations, for medical students in the elective course "Meeting the Paraclinical Specialties" at the Clinical Biochemical Department and the Department of Molecular Diagnostics, Aalborg University Hospital. Handled communication with the university concerning the course and submitted grades.

2024-2025: Member of the temporary steering committee for the Network for Clinical Lecturers in the North Denmark Region.

**3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc**

-Pedagogical Course for Clinical Educators: September 10, October 8, and November 5, 2024, Clinical Institute, Aalborg University.

-General Course in Supervision: October 21-22, 2009, plus December 2, 2009.

-General Course in Communication, Module 2: March 31 and April 30, 2009.

-General Course in Communication, Module 1: March 9-11, 2009.

-General Course in Learning: February 27-28, 2008.

**4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.**

Type your answer here...

**5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.**

Type your answer here...

**6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.**

Type your answer here...

**7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)**

Type your answer here...

**8. Any other information or comments.**

Type your answer here...