

## 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.**

### List of lecturing tasks

#### *Pregraduate, bachelor in medicine*

2017, lecture in Danish, 1 hour, Student Research Aalborg, 'Introduction to research'

2021, lecture in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Research within Clinical Biochemistry'

#### *Pregraduate, master in medicine*

2016, group lesson in Danish, 2 x 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Interpretation of biochemical test results'

2016, group lesson in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Liver parameters'

2016, group lesson in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'From research to publication'

2017, group lesson in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Interpretation of biochemical test results'

2017, group lesson in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Inflammation and rheumatology'

2017, group lesson in Danish, 3 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'Infection and inflammation'

2017, group lesson in Danish, 3 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'Endocrinology'

2017, lecture in Danish, 1 hour, Student Research Aalborg, 'Introduction to research'

2018, group lesson in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Interpretation of biochemical test results'

2018, group lesson in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Inflammation and rheumatology'

2018, group lesson in Danish, 3 x 3 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'Infection and inflammation'

2018, group lesson in Danish, 3 x 4 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'The role of the medical doctor in Clinical Biochemistry'

2019, group lesson in Danish, 3 x 3 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'Infection and inflammation'

2019, group lesson in Danish, 3 x 4 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'The role of the medical doctor in Clinical Biochemistry'

2019, lecture in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Endocrinology'

2021, group lesson in Danish, 3 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'Infection and inflammation'

2021, group lesson in Danish, 2 x 4 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'The role of the medical doctor in Clinical Biochemistry'

2021, lecture in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Research within Clinical Biochemistry'

2022, group lesson in Danish, 2 x 4 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'The role of the medical doctor in Clinical Biochemistry'

2022, group lesson in Danish, 2 x 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Research within Clinical Biochemistry'

2023, group lesson in Danish, 2 x 4 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'The role of the medical doctor in Clinical Biochemistry'

2024, group lesson in Danish, 2 x 4 hours, Department of Clinical Biochemistry, Aalborg University Hospital, 'The role of the medical doctor in Clinical Biochemistry'

2024, lecture in Danish, 1 hour, Department of Clinical Biochemistry, Aalborg University Hospital, 'Introduction to Clinical Biochemistry as part of bootcamp'

2025, coordination and supervision at optional course in Clinical Biochemistry, 8 medical students in 2 weeks, Department of Clinical Biochemistry, Aalborg University Hospital

#### *Continuing education*

2013, lecture in Danish, 1 hour, specialist training in endocrinology for junior doctors, 'Antithyroid drugs and pregnancy'

2013, lecture in Danish, 1 hour, internal education for midwives at Aalborg University Hospital, 'Iodine intake in pregnant women'

2013, lecture in Danish, 1 hour, Staff-meeting for medical doctors at Aalborg University Hospital, 'Thyroid disease in

pregnant women'

2014, lecture in Danish, 1 hour, specialist training in Clinical Biochemistry for junior doctors, 'Thyroid analyses'

2014, lecture in Danish, 1 hour, Staff-meeting for medical doctors at Aalborg University Hospital, 'Side effects to the use of antithyroid drugs'

2014, lecture in Danish, 2 hours, internal education for medical laboratory technologists at Aalborg University Hospital, 'Did the patient survive with a potassium of 9.4 mmol/L?'

2015, lecture in Danish, 2 hours, Meeting in the association of medical laboratory technologists in the North Denmark Region (dBIO), 'Thyroid, iodine and birth defects'

2015, lecture in Danish, 1 hour, Meeting for general practitioners in the North Denmark Region, 'Assessment of thyroid disorders'

2017, lecture in Danish, 1 hour, internal education for academic staff at Aalborg University Hospital, 'Good scientific practice'

2018, lecture in Danish, 1 hour, specialist training in Clinical Biochemistry for junior doctors, 'Thyroid, biochemistry, and pregnancy'

2019, lecture in Danish, 2 x 1 hour, Specialist training in endocrinology for junior doctors, 'Biochemical findings in thyroid disease' and 'Thyroid and pregnancy'

2019, lecture in Danish, 2 hours, internal education for medical laboratory technologists at Aalborg University Hospital, 'Thyroid disorders'

2019, lecture in Danish, 4 hours, one-day course in the association of medical laboratory technologists in the North Denmark Region (dBIO), 'Thyroid disorders'

2019, lecture in Danish, 1 hour, Meeting for general practitioners in the North Denmark Region, 'Thyroid disease in general practice'

2019, lecture in Danish, 1 hour, internal education for junior doctors at Department of Clinical Biochemistry, Aalborg University Hospital, 'How to get started with research'

2020, lecture in Danish, 1 hour, Specialist training in endocrinology for junior doctors, 'Biochemical findings in thyroid disease'

2020, lecture in Danish, 4 x 1 hour, internal education for medical laboratory technologists at Viborg and Silkeborg Regional Hospitals, 'Thyroid analyses'

2020, lecture in Danish, 1 hour, internal education for medical laboratory technologists at Viborg and Silkeborg Regional Hospitals, 'Autoimmune analyses'

2020, lecture in Danish, 1 hour, internal education for academic staff at Viborg and Silkeborg Regional Hospitals, 'Good scientific practice'

2021, lecture in Danish, 1 hour, internal talk for young researcher at Aalborg University, 'The Danish young Academy'

2021, lecture in Danish, 3 hours, specialist training in Clinical Biochemistry for junior doctors, 'Thyroid analyses'

2022, lecture in Danish, 1 hour, internal talk for young researcher at Aalborg University, 'The Danish young Academy'

2022, lecture in Danish, 1 hour, internal education for junior doctors at Department of Clinical Biochemistry, Aalborg University Hospital, 'Parathyroid hormone'

2022, lecture in Danish, 1 hour, internal education for medical laboratory technologists at Aalborg University Hospital, 'When the biochemical findings make you wonder'

2022, lecture in Danish, 1 hour, internal education for medical laboratory technologists at Aalborg University Hospital, 'The role of the medical doctor in biochemical analytical problems'

2022, lecture in Danish, 1 hour, internal education for midwives at Aalborg University Hospital, 'Iodine intake in pregnant women'

2022, lecture in Danish, 1 hour, Specialist training in endocrinology for junior doctors, 'Biochemical findings in thyroid disease'

2023, group lesson in Danish, 1 hour, internal education for junior doctors at Department of Clinical Biochemistry, Aalborg University Hospital, 'Immunological methods'

2023, lecture in Danish, 1 hour, internal talk for young researcher at Aalborg University, 'The Danish young Academy'

2023, lecture in Danish, 1 hour, ph.d.-course, Introduction to Clinical Science, Laboratory and Translational Medicine, Department of Clinical Medicine, Aalborg University, 'Opportunities with the use of databases'

2024, lecture in Danish, 1 hour, internal talk for young researcher at Aalborg University, 'The Danish young Academy'

2024, lecture in Danish, 1 hour, ph.d.-course, Introduction to Clinical Science, Laboratory and Translational Medicine, Department of Clinical Medicine, Aalborg University, 'Opportunities with the use of databases'

2024, lecture in Danish, 1 hour, Specialist training in endocrinology for junior doctors, 'Biochemical findings in thyroid disease'

2025, lecture in Danish, 1 hour, internal talk for medical doctors in gynecology and obstetrics at Aalborg University, 'Thyroid disease in pregnancy'

### *Patients*

2014, lecture in Danish, 1 hour, Meeting in the Danish patient association for thyroid disease, 'Pregnancy and thyroid disease'

2017, lecture in Danish, 1 hour, Meeting in the Danish patient association for thyroid disease, 'Pregnancy and thyroid disease'

2018, lecture in Danish, 1 hour, Meeting in the Danish patient association for thyroid disease, 'Pregnancy and thyroid disease'

### **List of supervision tasks**

#### *Pregraduate, master in medicine*

2012-2013, pregraduate research project, one student, co-supervisor, 'Iodine intake in Danish pregnant women'  
2019-2020, pregraduate research project, one student, co-supervisor, 'Thyroid, hemostasis and pregnancy'  
2021-2022, pregraduate research project, two students, main supervisor, 'Validity of diagnoses of hyperthyroidism in the Danish National Hospital Register'  
2022-2023, pregraduate research project, two students, main supervisor, 'Subacute thyroiditis'  
2022-2023, pregraduate research project, two students, main supervisor, 'Risk-based screening for thyroid disease in pregnant women'  
2022-2023, pregraduate research project, one student, main supervisor, 'Thyroid disease and endometriosis'  
2023-2024, pregraduate research project, two students, main supervisor, 'Diagnosis of thyroid disease in pregnancy and postpartum'  
2023-2024, pregraduate research project, two students, main supervisor, 'Gentamicin and kidney function'  
2023-2024, pregraduate research project, one student, co-supervisor, 'Graves'disease: clinical practice and validity of the diagnosis'  
2024-2025, pregraduate research project, three students, main supervisor, 'Biochemical monitoring of thyroid disease in pregnant women'  
2025-2026, pregraduate research project, two students, main supervisor, 'Thyroid disease and bleeding disorders'

#### *Postgraduate*

2016, junior doctor in specialist training (1st year resident), co-supervisor, Department of Clinical Biochemistry, Aalborg University Hospital  
2016-2017, postgraduate research project, one junior doctor, main supervisor, 'TSH-receptor antibodies'  
2018, junior doctor in specialist training (1st year resident), main supervisor, Department of Clinical Biochemistry, Aalborg University Hospital  
2021-2022, postgraduate research project, one junior doctor, main supervisor, 'Hypothyroidism and bleeding'  
2021, junior doctor in specialist training (1st year resident), main supervisor, Department of Clinical Biochemistry, Aalborg University Hospital  
2022-2024, postgraduate research project, one junior doctor, co-supervisor, 'Free fatty acids in early pregnancy'  
2022-2023, postgraduate research project, one junior doctor, co-supervisor, 'Variation in thyroid function among the elderly'  
2023, junior doctor in specialist training (1st year resident), co-supervisor, Department of Clinical Biochemistry, Aalborg University Hospital  
2023-2024, postgraduate research project, one junior doctor, main supervisor, 'Thyroid function tests'  
2023-2024, postgraduate research project, two junior doctors, main supervisor, 'PTH in chronic kidney disease'  
2024-2025, postgraduate research project, one junior doctor, main supervisor, 'Thyroid disease and apgar score of the child'  
2024-2025, postgraduate research project, one junior doctor, main supervisor, 'Extreme biochemical test results'

#### *Ph.D.*

2018-2024, Ph.D.-project, junior doctor, main supervisor, 'Thyroid disease, autoimmunity, and pregnancy'  
2021-2024, Ph.D.-project, junior doctor, main supervisor, 'Hyperthyroidism and pregnancy'  
2023-, Ph.D.-project, junior doctor, main supervisor, 'Hypothyroidism and pregnancy'  
2023-, Ph.D.-project, medical doctor, co-supervisor, 'Iodine nutrition and association with thyroid health in the North Atlantic'  
2024-, Ph.D.-project, junior doctor, main supervisor, 'Monitoring of iodine intake in Denmark after an increase in iodine fortification'  
2024-, Ph.D.-project, junior doctor, main supervisor, 'Thyroid disease and hemostasis'

#### **List of examiner tasks**

#### *Pregraduate, master in medicine*

2023, examiner at oral exams for master-thesis projects, 2 groups of each 2 students, Aalborg University  
2024, examiner at oral exams for master-thesis projects, 2 groups of each 2 students, Aalborg University  
2025, examiner at oral exams for master-thesis projects, 1 group of 3 students, Aalborg University

## **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.**

2018-2019, coordinator for master students in medicine during their 6-week visit in the paraclinical departments at Aalborg University Hospital  
2018-: coordinator for case-based group lessons for master students in medicine on biochemical aspects of infectious disorders (3 groups of 20 students each semester)

2018-: coordinator for master-students in medicine during their 3-day visit in the Department of Clinical Biochemistry, Aalborg University Hospital (3 groups of 4-5 students each semester)

**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**

2011, learning course during first clinical year as junior doctor; 2 x 8 hours  
2011, communication course during first clinical year as junior doctor: 3 x 8 hours  
2014, general course in supervision during specialist training; 3 x 8 hours  
2016, ph.d.-supervisor workshop 1 + 2, Aalborg University; 12 + 15 hours  
2017, clinical teacher course, Aalborg University; 24 hours + written exam, 2.0 ECTS  
2021, research leader course, 'Leadership', North Denmark Region; 6 x 8 hours  
2022, research leader course, 'Research Management Course, Copenhagen Business School; 9,5 x 8 hours  
2022, certified as 360 degrees facilitator for junior doctors and residents; 10 hours  
2024-2025, developmental course for lead consultants responsible for specialist training, North Denmark Region; 7 x 8 hours including written tasks

**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.**

2017-2019, coordinator of education as junior doctor at Department of Clinical Biochemistry, Aalborg University Hospital  
2017-2020, designated by the Danish Society of Clinical Biochemistry as junior doctor in the employment committee for medical doctors in specialist training in Clinical Biochemistry in the North Denmark Region  
2021-, designated by the Danish Society of Clinical Biochemistry as specialist in the employment committee for medical doctors in specialist training in Clinical Biochemistry in the North Denmark Region  
2022-2023, responsible for postgraduate medical specialist training as consultant at Department of Clinical Biochemistry, Aalborg University Hospital  
2023-, responsible for postgraduate medical specialist training as lead consultant at Department of Clinical Biochemistry, Aalborg University Hospital

**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.**

2016-2017, initiator and participant in the re-organizing of teaching materials from lectures to problem-based learning at the Department of Clinical Biochemistry, Aalborg University Hospital  
2018-2019, coordinator for the development of a new module for master students in medicine during their 6-week visit in the paraclinical departments at Aalborg University Hospital

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

**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)**

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