



PhD course

CLINICAL CANCER RESEARCH – FROM LABORATORY TO BEDSIDE

Organisers: Associate Professor Laurids Østergaard Poulsen, email: laop@rn.dk

Associate Professor Stine Dam Henriksen email: stdh@rn.dk

Secretary assistant Lise Tordrup Elkjær, lit@rn.dk

Clinical Cancer Research Center, Aalborg University Hospital

Lecturers: Stine Dam Henriksen, Laurids Østergaard Poulsen, Morten Ladekarl, Weronika Szejniuk, Lone Sunde, Anne Krogh Nøhr, Rasmus Froberg Brøndum, Ida Holm, Lykke Grubach, Mads Sønderkær, Hanne Due, Britt Elmedal Laursen, Bent Honoré, Helle Damgaard Zacho, Benjamin Emil Stubbe, Tenna Henriksen

ECTS: 2.25

Dates: 6 – 8 October 2025

Time: Three-day residential course

Place: Comwell Rebild Bakker

Programme: Biomedicine

City: Skørping

Number of seats: 18

Deadline: 15 September 2025

Description: This PhD course is offered by the Doctoral School of Medicine, Biomedical Science and Technology, Aalborg University and Clinical Cancer Research Center, Aalborg University Hospital. This PhD course is aimed at PhD students working within the field of translational and clinical cancer research. The course will touch on several topics related to translational cancer research, including basic science methodologies, statistics and bioinformatics, and the key points in clinical trials. The basic science lectures touch upon molecular pathology, tumour heterogeneity, molecular biology as well as the currently used methods to elucidate these topics. The bioinformatic lectures will focus on workflows for personalized medicine, interpretation of sequencing data, and clinical implications. Data management, AI and meta research will be a part of these lectures. The clinical lectures will discuss current clinical questions and evidence for PM.

Important information concerning PhD courses: Participants are expected to attend all lectures as well as to present their own projects and actively take part in scientific discussions.

Literature/Requirements: Relevant book chapters and scientific articles will be advised. The PhD students will be involved in a presentation of their own scientific projects (gunshot model). It is expected that all PhD students have read the scientific papers that will be circulated before the course.

Further information

Secretary assistant Lise Tordrup Elkjær, lit@rn.dk / +45 9766 3869.



Programme

Day 1, Monday 6 October 2025

Time	Lecture	Organizer/Lecturer
10.00 – 10.30	Arrival	
10.30 – 10.40	Introduction and welcome	Stine Dam Henriksen Laurids Østergaard Poulsen
10.40 – 11.30	Molecular biology: principles and technologies	Hanne Due
11.30 – 12.30	PhD presentation no. 1 PhD presentation no. 2 PhD presentation no. 3	
12.30 – 13.30	Lunch	
13.30 – 14.15	Clinical proteomics: biomarkers and drug targets	Bent Honoré
14.15 – 15.15	PhD presentation no. 4 PhD presentation no. 5 PhD presentation no. 6	
15.15 – 15.45	Break	
15.45 – 16.30	Genomisk tumorprofilering ved helgenomsekventering	Mads Sønderkær
16.30 – 17.30	PhD presentation no. 7 PhD presentation no. 8 PhD presentation no. 9	
17.30 – 18.15	Liquid biopsies	Tenna Henriksen
19.00 – 20.00	Dinner	
20.00 –	<i>Further discussions and get-together students and lecturers</i>	



Programme

Day 2, Tuesday 7 October 2025

Time	Lecture	Organizer/Lecturer
08.00 – 08.30	Breakfast	
08.30 – 09.15	Clinical genetics	Lone Sunde
09.15 – 10.15	PhD presentation no. 10 PhD presentation no. 11 PhD presentation no. 12	
10.15 – 10.45	Break	
10.45 – 12.00	Complex genetics in cancer research	Rikke Hedegaard Jensen Anne Krogh Nøhr
12.00 – 13.00	Lunch	
13.00 – 15.00	Bioinformatics and statistics in biomarker development	Rasmus Froberg Brøndum
15.00 – 15.45	Break, walk and talk	
15.45 – 16.45	PhD presentation no. 13 PhD presentation no. 14 PhD presentation no. 15	
16.45 – 17.30	Finding and targeting genomic alterations	Britt E. Laursen
17.30 – 18.15	Molecular pathology: solid tumours and haematological malignancies	Lykke Grubach Ida Holm
19.00 – 20.00	Dinner	
20.00-	<i>Further discussions and get-together students and lecturers</i>	



Programme

Day 3, Wednesday 8 October 2025

Time	Lecture	Organizer/Lecturer
08.00 – 08.30	Breakfast	
08.30 – 09.15	Tumormarkører ved pancreascancer	Benjamin Emil Stubbe
09.15 – 10.15	Personalized medicine: introduction From bedside – laboratory – bedside	Morten Ladekarl
10.15 – 10.45	Break	
10.45 – 11.30	Clinical trials in mesothelioma and lung cancer	Weronika Szejniuk
11.30 – 12.30	PhD presentation no. 16 PhD presentation no. 17 PhD presentation no. 18	
12.30 – 13.15	Lunch	
13.15 – 14.00	PET/CT – grundlæggende begreber og forskning	Helle Damgaard Zacho
14.00 – 14.30	Course evaluation (incl. afternoon refreshments)	Stine Dam Henriksen Laurids Østergaard Poulsen
14.30	End of course	