

PHD DAY

HEALTH

PROGRAMME & OVERVIEW

19 JANUARY 2024



PHD DAY 2024 PROGRAMME

19 JANUARY 2024, THE PER KIRKEBY AUDITORIUM, THE LAKESIDE LECTURE THEATRES

- 8.15 **Welcome by Organizing Committee Chair and by the Chair of the PhD Association (in Per Kirkeby)**
Anders Etzerodt, Associate professor, Department of Biomedicine, Aarhus University
Sofie Abildgaard Jacobsen, PhD student, Chair of the PhD Association at Health, Aarhus University
- 8.25 **Keynote lecture by Unnur Porsteinsdóttir, Vice President of Research at deCODE genetics and Dean of the School of Health Sciences at the University of Iceland (in Per Kirkeby)**
Introduced by Anders Etzerodt, Associate professor, Department of Biomedicine, Aarhus University
- 9.10 **Short break with coffee/tea and fruit**
- 9.25 **Fogh Nielsen Prize Competition (60 min)**
Per Kirkeby, The Lakeside Lecture Theatres
- 10.35 **First round of sessions**
The Lakeside Lecture Theatres, Anatomy (build. 1231), Public Medicine Auditorium (build. 1262/101), building 1264 (209 and 310) and Bartholin (build. 1241)
- 11.55 **Break with lunch and networking**
- 12.40 **Keynote lecture by Jonas Egebart, Director General of the Danish Health Authority (in Per Kirkeby)**
Introduced by Anders Etzerodt, Associate professor, Department of Biomedicine, Aarhus University
- 13.35 **Second round of sessions**
The Lakeside Lecture Theatres, Anatomy (build. 1231), Public Medicine Auditorium (build. 1262/101), building 1264 (209 and 310) and Bartholin (build. 1241)
- 14.55 **Coffee, cake and see you later**
The programme for the day ends on different locations
-
- 18.30 **Dinner and award ceremonies**
Turbinehallen, Aarhus C
Festive speech: TB

PRACTICAL INFORMATION

- There will be a name tag for you if you are signed up for a presentation or as chair/co-chair. You can collect this at the reception on the lowest level in the Lakeside Lecture Theatres.
- Lunch is served at two locations: the Lakeside Lecture Theatres and in building 1231 on the ground floor.
- A photographer from Aarhus University will be present at the event. Photos taken at the event will only be used in Aarhus University contexts, for example as publicity for/in the invitation to a similar event. If you do not wish to be photographed, please contact the photographer.

THE ORGANIZING COMMITTEE, PHD DAY 2024

- Anders Etzerodt, Associate professor, Department of Biomedicine, Chair PhD Day 2024
- Akila Aiyar, PhD student, Department of Dentistry and Oral Health, Co-chair PhD Day 2024
- Alisha Silvia Mercedes Hall, PhD Student, Department of Clinical Medicine
- Anika Kofod Petersen, PhD Student, Department of Forensic Medicine
- Fernando Valentim Bitencourt, PhD Student, Department of Dentistry and Oral Health
- Helene Hallas, PhD administrator, Graduate School of Health
- Henning Grønbaek, Clinical professor, Department of Clinical Medicine
- Jasper Carlsen, PhD student, Department of Clinical Medicine
- Jemila Peter Gomes, PhD Student, Department of Forensic Medicine
- Johan Palmfeldt, Associate Professor, Department of Clinical Medicine
- Merete Bjerrum, Associate professor, Department of Public Health
- Mojdeh Mansoori, PhD Student, Department of Dentistry and Oral Health
- Reimar W. Thomsen, Professor, Department of Clinical Medicine
- Rikke Horsted Bundgaard, PhD administrator, Graduate School of Health
- Rubens Spin-Neto, Associate professor, Department of Dentistry and Oral Health
- Salma Karim, PhD student, Department of Clinical Medicine

Social Media: Facebook: PhD Association Health

THE KEYNOTE SPEAKERS

Professor Unnur Thorsteinsdottir, deCODE Genetics and Dean of the School of Health Sciences, University of Iceland

Unnur Thorsteinsdottir has a PhD in Molecular Biology from University of British Columbia. In 2000, Unnur joined deCODE genetics, where she conducts genetic research in a wide number of areas including cardiovascular disease, metabolic disease and cancer. In 2022, Unnur Thorsteinsdottir was appointed Dean of the School of Health Sciences at the University of Iceland and the same year named one of Europe's most influential scientists by research.com. At the PhD day 2024 Unnur Thorsteinsdottir will present insights to her groundbreaking work in genetic research.



IMAGE/Decode



RODE IMAGES

Dr. Jonas Egebart, Director General, Danish Health Authority

Dr. Jonas Egebart was appointed Director General at the Danish Health Authority in 2023 and before this he held multiple senior positions in the Danish health care system. At the PhD day 2024, Jonas Egebart will share his view on the role of health science research including both basic, translational, and clinical research, in ensuring the quality of the public debate and also in political decision processes.

SESSION OVERVIEW

10.35-11.55 – First round of sessions

PhD Workshop	Lakeside Lecture Theatre, Eduard Biermann Auditorium
Session 1:	Lakeside Lecture Theatre, Per Kirkeby Auditorium
Session 2:	Lakeside Lecture Theatre, Merete Barker Auditorium
Session 3:	Lakeside Lecture Theatre, Jeppe Vontilius Auditorium
Session 4:	Lakeside Lecture Theatre, William Scharf Auditorium
Session 5:	Anatomy (Building 1231), 2 nd floor, Room 214
Session 6:	Anatomy (Building 1231), 2 nd floor, Room 216
Session 7:	Anatomy (Building 1231), 2 nd floor, Room 220
Session 8:	Anatomy (Building 1231), 2 nd floor, Room 224
Session 9:	Anatomy (Building 1231), 2 nd floor, Room 228
Session 10:	Anatomy (Building 1231), 2 nd floor, Room 232
Session 11:	Anatomy (Building 1231), 4 th floor, Small Anatomy Auditorium
Session 12:	Building 1262, 1 st floor, Room 101 – Public Medicine Auditorium
Session 13:	Building 1264, 2 nd floor, Room 209
Session 14:	Building 1264, 3 rd floor, Room 310
Session 15:	Bartholin (Building 1241), 1 st floor, Room 114 – Auditorium 4
Session 16:	Bartholin (Building 1241), 1 st floor, Room 119 – Auditorium 3
Session 17:	Bartholin (Building 1241), 1 st floor, Room 125 – Auditorium 2
Session 18:	Bartholin (Building 1241), 1 st floor, Room 135 – Auditorium 1

13.35-14.55 – Second round of sessions

Session 19:	Lakeside Lecture Theatre, Eduard Biermann Auditorium
Session 20:	Lakeside Lecture Theatre, Per Kirkeby Auditorium
Session 21:	Lakeside Lecture Theatre, Merete Barker Auditorium
Session 22:	Lakeside Lecture Theatre, Jeppe Vontilius Auditorium
Session 23:	Lakeside Lecture Theatre, William Scharf Auditorium
Session 24:	Anatomy (Building 1231), 2 nd floor, Room 214
Session 25:	Anatomy (Building 1231), 2 nd floor, Room 216
Session 26:	Anatomy (Building 1231), 2 nd floor, Room 220
Session 27:	Anatomy (Building 1231), 2 nd floor, Room 224
Session 28:	Anatomy (Building 1231), 2 nd floor, Room 228
Session 29:	Anatomy (Building 1231), 2 nd floor, Room 232
Session 30:	Anatomy (Building 1231), 4 th floor, Small Anatomy Auditorium
Session 31:	Building 1262, 1 st floor, Room 101 – Public Medicine Auditorium
Session 32:	Building 1264, 2 nd floor, Room 209
Session 33:	Building 1264, 3 rd floor, Room 310
Session 34:	Bartholin (Building 1241), 1 st floor, Room 114 – Auditorium 4
Session 35:	Bartholin (Building 1241), 1 st floor, Room 119 – Auditorium 3
Session 36:	Bartholin (Building 1241), 1 st floor, Room 125 – Auditorium 2
Session 37:	Bartholin (Building 1241), 1 st floor, Room 135 – Auditorium 1

BUILDING LOCATIONS

Anatomy (1231)

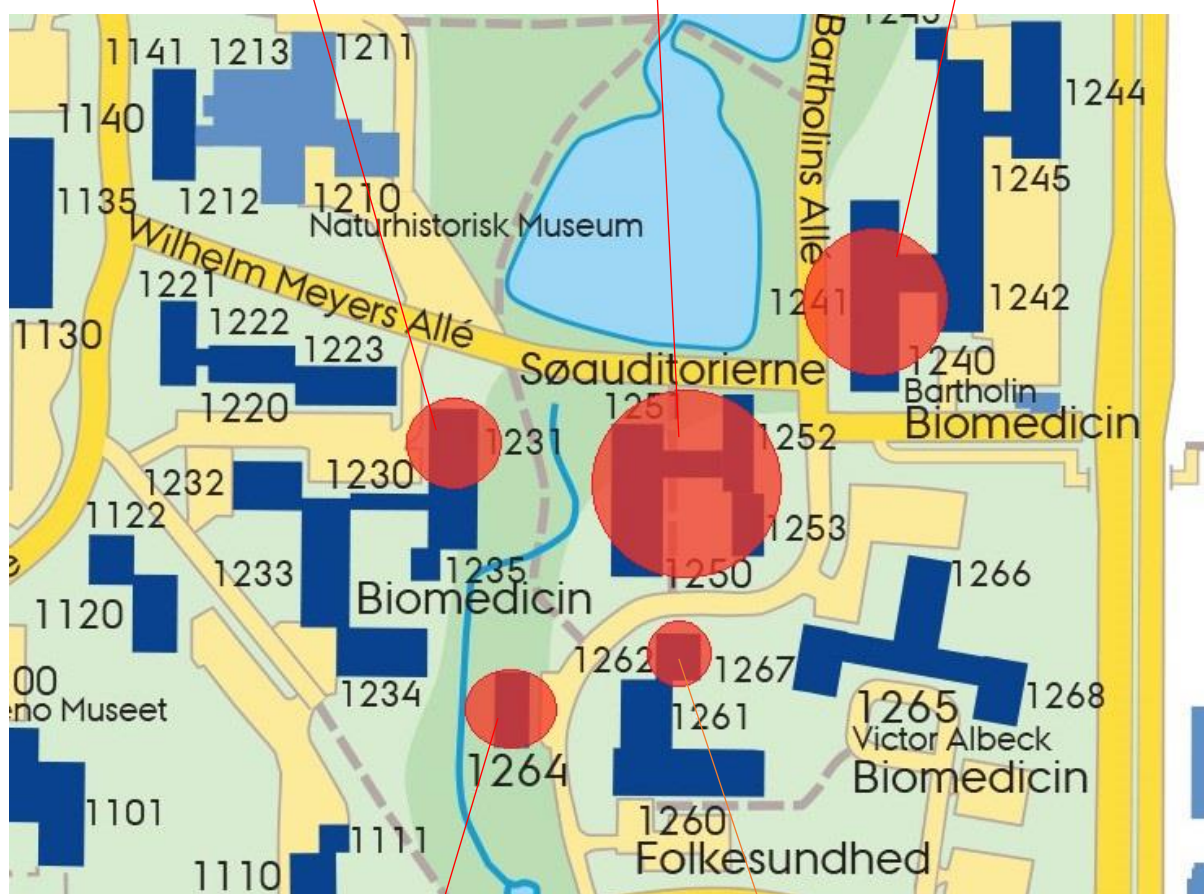
Session 5-11 and
24-30

Lakeside Lecture Theatres

PhD Workshop
Session 1-4 and 19-23

Bartholin (1241)

Sessions 15-18 and
34-37



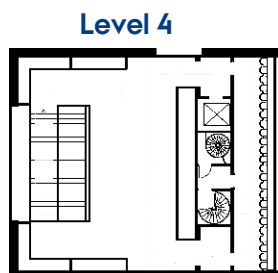
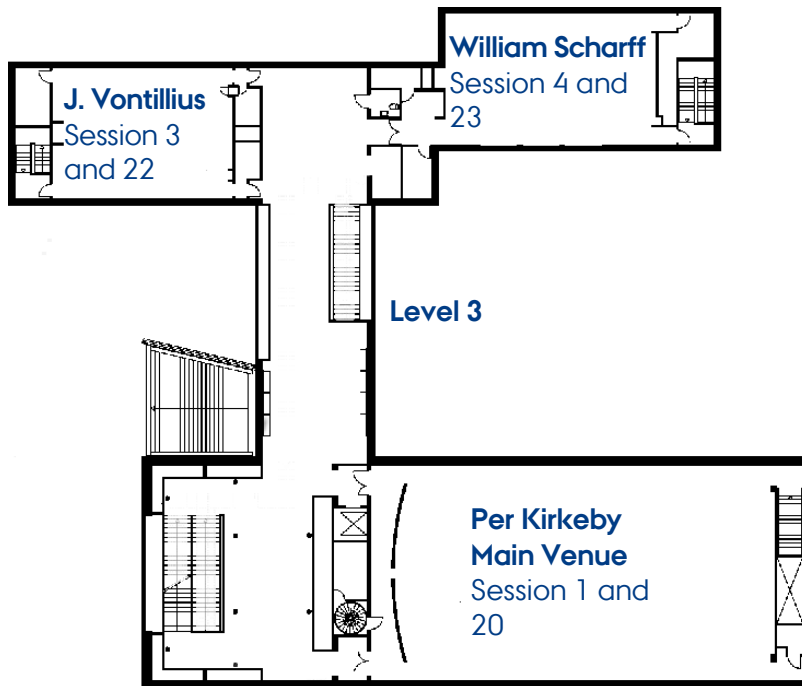
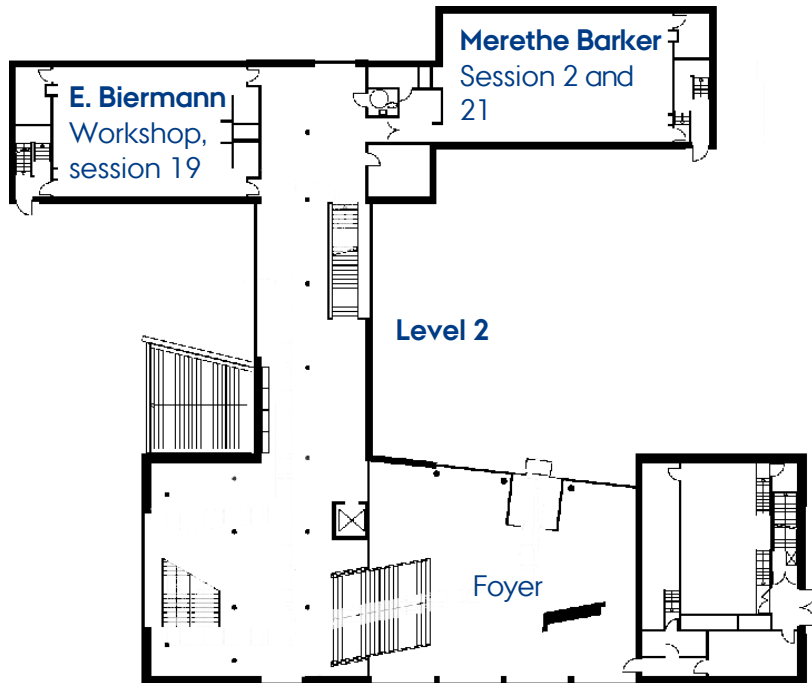
Building 1264

Sessions 13-14 and 32-33

Public Medicine Auditorium (1262)

Session 12 and 31

LAKESIDE LECTURE THEATRES



Anatomy Building (1231, 2nd and 4th floor)

- Session 5-11 and 24-30

Public Medicine Auditorium (1262, 1st floor)

- Session 12 and 31

Building 1264 (2nd and 3rd floor)

- Session 13-14 and 32-33

Bartholin (1241, 1st floor)

- Session 15-18 and 34-37

PHD DAY 2024

SESSION OVERVIEW AND CHAIRS



SESSION CHAIRS

Find yourself, abstract titles, and abstracts belonging to your session by searching the file (Ctrl+F)

FOGH-NIELSEN COMPETITION – 9.25 TO 10.25

Chair: Ida Vogel

Co-chair: Anika Kofod Petersen

FIRST ROUND OF SESSIONS – 10.35 TO 11.55

Senior chair – name	Session
Julie Schmidt	1
Joanna Kalucka	2
Mai-Britt Worm Ørntoft	3
Karin Birenkamp-Demtröder	4
Jesper Grau Eriksen	5
Christina Dahm	6
Vicki Taasti	7
Mette Nørgaard	8
Bodil Hammer Bech	9
Tina Carstensen	10
Xiaoli Hu	11
Lasse Stensvig Madsen	12
Annette De Thurah	13
Line Kibsgaard	14
Renee van Der Sluis	15
Mette Lise Lousdal	16
Christian Fynbo Christiansen	17
Mats Bue	18

Co-chairs – name	Session
Kasper Kjærgaard	1
Pernille Thordal Larsen	1
Maja Dam Andersen	2
Martin Qvist Rasmussen	2
Ivanka Sojat Tarp	3
Priyanshu Sinha	3
Rikke Kongsgaard Rasmussen	4

Simone Stensgaard	4
Folefac Charlemagne Asonganyi	5
Mikkel Breinholt Kjær	5
Nadia Gadgaard	6
Trine Thøgersen	6
Ludvig Renbo Olsen	7
Christian S. Antoniussen	8
Mette Østergaard Thunbo	8
Christine Cramer	9
Lise Qvirin Krogh	9
Lasse Hansen	10
Tanja Hansen	10
Elnaz Fazeli	11
Malthe Brændholt	12
Nina Lykkegaard Gehr	12
Camilla Tatari	13
Anne Dorte Helgestad	14
Kathrine Carstensen	14
Hakim Ben Abdallah	15
Kristian Antonsen	15
Iben Strøm Darfelt	16
Jane Lauridsen	16
Birgitte Bitsch Gadager	17
Helga Haahr-Lillevang	17
Line Mathilde Brostrup Hansen	18
Rasmus Reinke	18

SECOND ROUND OF SESSIONS – 13.35 TO 14.55

Senior chairs – name	Session
Morten Bøttcher	19
Vladimir Matchkov	20
Maria Louise Gamborg	21
Peter Bross	22
Tue Kragstrup	23
Rikke Nielsen	24
Francesco D'Amore	25
Niels Holm	26
Maja Ludvigsen	27
Marco Eijken	28
Ida Vogel	29

Palle Villesen	30
Cecilia Ramlau-Hansen	31
Poul Henning Jensen	32
Annesofie Jensen	33
Thomas Lindhardt	34
Jan Duedal Rölfing	35
Tábata Bergonci	36
Victor Pando-Naude	37

Co-chairs - name	Session
Anders Lehmann Dahl Pedersen	19
Emil Holck	19
Anne Catrine Daugaard Mikkelsen	20
Tabia Volqvartz	21
Ida Klæstrup	22
Clara Mistegaard	23
Stine Sofie Frank Lende	23
Steffen Flindt Nielsen	24
Emma Skarsø Buhl	25
Marie Haring Enemark	25
Benjamin Kelly	26
Simon Madsen	26
Sandra Hummelgaard	27
Jacob Valentin Hansen	28
Amanda Bæk	29
Karina Nørgaard Linde	30
Sarah Freund	31
Alexander Rafael Lavilla Labial	32
Camilla Blunk Brandt	32
Sigrid Breinholt Vestergaard	33
Laurits Taul-Madsen	34
Vitalii Dashkovskyi	34
Josephine Therkildsen	35
Christoffer Trier Månsson	36
Helene Tallaksen	37
Tobias Gæmelke	37

SESSION OVERVIEW

Find abstract titles and abstracts by searching your name or session (Ctrl+F)

FOGH-NIELSEN COMPETITION – 9.25 TO 10.25

Caroline J. Arnbjerg: Care for persons with Bipolar Disorder in Low-Resource Settings: Psychoeducation in Rwanda

Mathis Ersted Rasmussen: Extending the Oncologist's Hand with AI in Radiotherapy

Pernille Gro Thrane: Acute myocardial infarction: Changes in prognosis

FIRST ROUND OF SESSIONS – 10.35 TO 11.55

SESSION 1

Pitch:

Anne Dahl Sørensen: Comparison of routes to cancer diagnosis across ethnic groups in Denmark: A population-based nationwide cohort study

Anne Vittrup Jakobsen: Feasibility of Weekly Cisplatin and Radiotherapy for Localized Anal Cancer – A Danish Anal Cancer Group report

Jesper Winkler Andersen: Colon dysplasia and colorectal cancer in inflammatory bowel disease: Overall risk and evaluation of a novel biomarker to predict cancer development

Malene Andersen: Time to cystoscopy after initiation of aspirin and non-steroid anti-inflammatory drugs

Flash talk:

Anja Gouliaev Kirkeby: Data quality in the Danish Lung Cancer Registry

Mia Aagaard Doherty: Cancer risk and survival in Danish patients with Neurofibromatosis 1

Morten Daniel Jensen: Risk of primary liver cancer in patients with alcohol-related cirrhosis is similar in England and Denmark

Sebastian Søby: Efficacy of PD-L1 inhibition in recurrent head and neck cancer. A prospective multicenter study

Oral presentation:

Ina Marie Dueholm Hjorth: Improved diagnosis of ovarian cancer

SESSION 2

Pitch:

Camilla Yde Hvelplund: Soluble and Membrane Bound CD163 as a Biomarker in TKI-treated Metastatic Renal Cell Carcinoma Patients

Emma Frasez Sørensen: Enhancing MRD Monitoring for Acute Myeloid Leukaemia-Myelodysplasia Related Patients using Multitarget, Stem Cell Based Approaches

Karoline Kondrup Torstensson: Genome-wide methylome profiling of cell-free DNA enables prognostication of patients with advanced prostate cancer

Silke Dahlbom Nielsen: The Role of Non-Coding RNAs and the Tumor Microenvironment in the Development of Bruton Tyrosine Kinase Inhibitor-Treatment Resistance in Mantle Cell Lymphoma

Flash talk:

Henriette Mathiesen: Improved therapy of Multiple Myeloma by harnessing the Tumor Immune Micro-Environment: Turn Back TIME

Henriette Winther: CRISPR/dCas9 induced DNA De-methylation of cg20803293 in the GSTM5 promotor upregulates gene expression

Johannes Frasez Sørensen: Lipid nanoparticles as vector for delivery of CRISPR-Cas9 targeting RUNX1-RUNX1T1 in AML with t(8;21)(q22;q22.1)

Mie Wolff Kristensen: Tumor Immune MicroEnvironment (TIME) in Renal Cell Carcinoma: Identification of Prognostic Markers and Design of Targeted Treatment

Oral presentation:

Sofie Andersen: HDR-based gene correction in HSPCs by co-delivery of Cas9/sgRNA RNPs and donor sequence in 'all-in-one' lentivirus-derived nanoparticles

SESSION 3

Pitch:

Jeppe Skovbjerg: Cholesterol-associated CYP27A1 tumor expression and prognosis in premenopausal breast cancer

Kristine Høgsbjerg: Benefit of respiratory gating in the Danish Breast Cancer Group Partial Breast Irradiation trial

Malene Aastrup: Identifying Ovarian Cancer – Can We Do Better: Using New Advanced MRI Techniques and Metabolomic Biomarkers?

Sara Linde: Response to initial chemotherapy in 20 patients with limited disease small cell lung cancer

Flash talk:

Anders W. M. Nielsen: Quality assurance of internal mammary node irradiation

Line Kristensen: Skin toxicity of FLASH proton radiation within the Spread-out Bragg Peak

Marjolein Heidotting: Dosimeter position reconstruction method for in vivo dosimetry during tandem+ring brachytherapy of cervical cancer

Uffe Kjærgaard: Preliminary results with hyperpolarized [$1-^{13}\text{C}$] pyruvate MRI in hepatocellular carcinoma

Oral presentation:

Casper Dueholm Vestergaard: Clinical evaluation of deep learning based synthetic CTs from CBCTs for head-and-neck proton therapy

SESSION 4

Pitch:

Aisha Shigna Nadukkandy: Targeting splenic endothelial immunosuppressive genes for anti-cancer therapy

Christoph Felix Kollmann: Brainstorming – Harnessing oncolytic viruses in the fight against high-grade brain cancers

Henriette Nymark Friis: Macrophage "don't eat me" checkpoints as biomarkers to monitor immunotherapy in bladder cancer

Maria Hønholt Jørgensen: Advancing the quality and clinical utility of ctDNA using synthetic reference material

Sky Rohrer: Time-resolved in vivo dosimetry during proton Bragg peak FLASH irradiation of mice

Flash talk:

Eske Glud: Unlocking the Potential of the T-cell Receptor in Prostate Cancer

Jesper Medom Vestergaard: Validity of self-reported night shift work among women with and without breast cancer

Mona Kristiansen: Diagnostic strategy in patients with an indeterminate nodule resembling hepatocellular carcinoma on multiphase contrast-enhanced CT

Villads Lundsteen Jacobsen: Exploring the Role of Secondary Particles in Quality Assurance using SOI Microdosimeters

Oral presentation:

Sofie Tilbæk: Target coverage robustness with proton therapy for high-risk prostate cancer within the frame of a clinical trial

SESSION 5

Pitch:

Grace McKinney: Barriers and facilitators to multi-step prostate cancer screening interventions in Europe: stakeholder perspectives

Kristoffer Moos: Reduction of organ-at-risk doses by omission of selected elective target volumes in head and neck cancer radiotherapy

Laura Iisager: IMMUNCIRC; Investigating the role of the immune system in immunotherapy response and the use of circulating tumor DNA-guided patient management in renal cancer

Sofie Meyer Andersen: Psychosocial impact of multi-step prostate cancer screening in four European countries

Stine Vissing: Uncovering the expression landscape, functional roles and clinical potential of long non-coding RNAs in pediatric intracranial tumors

Troels Lading: Sarcopenia – an overlooked prognostic indicator in lung cancer

Flash talk:

Anne Andresen: Comparative assessment of AI multi organ delineations tools of organ at risk in brain cancer patients

Fardous Reaz: Commissioning of a pMBRT Slit Collimator for Preclinical Radiobiology

Experiments at the Danish Centre for Particle Therapy

Simon Nyberg Thomsen: The necessity of managing intra-fractional motion in stereotactic radiotherapy for central lung lesions

Oral presentation:

Mira Mekhael: Treatment of bowel dysfunction following pelvic organ cancer

SESSION 6

Pitch:

Anne Hedegaard Arndt: Hospital-at-Home for older patients with frailty and acute disease – A protocol for a multi-method evaluation study

Anne Hjorth Thomsen: Parental socioeconomic status and timing of puberty: a population-based cohort study within the Danish National Birth Cohort

Mathias M Rønnow: Mechanical exposures at work and development of severe low back disorders

Merete Ajstrup: Transition of Care in a Danish context: Translation, Cultural Adaptation, and Content Validation of CTM-15 and PACT-M

Flash talk:

Cecilie Schmidt Østergaard: Pesticide exposure and adverse respiratory outcomes

Marie Hauge Pedersen: Exploring multimorbidity patterns in the Danish population using Latent Class Analysis

Mette Fogh: BMI development and risk of overweight and obesity after being enrolled in a Community-based Health Promotion and Obesity Prevention intervention in kindergartens

Sarah Cecilie Tscherning: Improving partnership between researchers and patient partners in the research process

Oral presentation:

Martin Bernstorff: Development and validation of a machine learning model for prediction of type 2 diabetes in patients with mental illness

SESSION 7

Pitch:

Jacob Drachmann: Retinal oximetry as a dual-mode technique for studying retinal vascular disease

Maja Kanstrup Jørgensen: Advanced molecular imaging of cholestatic disorders in humans: pathophysiological characterization

Sidsel Loft Nagel: Explaining the Unexplainable Death by Introducing Ex-vivo Cardiac Imaging in Forensic Autopsies

Siria Pasini: Multi-center and multi-vendor reproducibility of T1, T2 and ADC phantom data on 1.5T and 3T MRI scanners

Flash talk:

Ana Teresa Queiroga: Brain dynamics of improvisation

Emil Winkel: Semi and fully Automatized image segmentation of Postmortem x-ray Computed Tomography scans.

Shirin Haghshenas Bilehsavar: A proof of concept study: Imbalanced brain connectome as a possible mechanism underlying Bodily Distress Syndrome (BDSs), Multiple Chemical Sensitivity (MCS), and Long-COVID patients

Trine Engelbrecht Hybel: Machine learning-assisted morphometrics for live/dead cell discrimination using imaging flow cytometry

Oral presentation:

Layla Pohl: Seeing is believing: studying immunological processes in the living organism

SESSION 8

Pitch:

Anne Nannsen: Development of the Nordic Nutrition Recommendations 2023 diet score and its association with all-cause, cancer-, and cardiovascular mortality in two Swedish cohorts

Christina Bisgaard Jensen: Non-specific effects following COVID-19 vaccination
Ditte Vestergaard Hansen: Stroke severity and other predictors of venous thromboembolism in stroke patients – a population-based cohort study

Helene Bei Thomsen: Deep learning approach to integrate continuous glucose monitoring in cardiovascular risk assessment for people with diabetes

Livie Yumeng Li: Integration of fundus photographs in risk assessment of cardiovascular disease using deep learning

Flash talk:

André Sejr Klenø: Impact of self-reported health on the risk of opioid use after total hip arthroplasty in patients with osteoarthritis

Anne Bech-Drewes: Cardiovascular safety of using non-steroidal anti-inflammatory drugs for gout: A Danish nationwide case-crossover study

Jonas Schaarup: Cardiovascular autonomic dysfunction association with arterial stiffness: The Maastricht study

Katrine Hoyer: Faecal microbiota transplantation for patients with diabetes mellitus type 1 and severe gastrointestinal neuropathy: a randomised, double-blinded safety and pilot-efficacy study.

Oral presentation:

Fernando Valentim Bitencourt: Periodontitis: An Underappreciated Diabetes-related Complication

SESSION 9

Pitch:

Anne Marie Ladehoff Thomsen: Pubertal development and social anxiety disorder in adolescents

Jette Steinbach: Genetic ancestry impacts the predictive accuracy of family history and polygenic scores

Josefine Jul Jarbæk Nielsen: Mortality in Myasthenia Gravis: A nationwide population-based cohort study over 35 years

Martin Mejlby Jensen: Loneliness, social isolation and all-cause mortality among persons with type 2 diabetes: A 5-year Danish population-based prospective cohort

Flash talk:

Fie Langmann: Boosting legume consumption in Denmark: the impact of information

Laura Krogh Herlin: Prevalence and Patient Characteristics of Ectodermal Dysplasias: a nationwide population-based study

Lisbeth Moelgaard Laustsen: Associations between social disconnectedness and subsequent medical conditions, and the role of co-existing mental disorders

Solvej Videbæk Bueno: Physical activity patterns in Danish parous women. A population-based survey linked to Danish national registries

Oral presentation:

Malthe Jessen Pedersen: School well-being and academic performance of children with juvenile idiopathic arthritis – a national register-based study

SESSION 10

Pitch:

Anette Faurskov Bundgaard: Comparing parent and child cognition in families with parental schizophrenia or bipolar disorder: a developmental perspective from the child was 7 to 11 to 15 years of age

Anneline Rauch: Health Anxiety in the Danish Population: Is health anxiety associated with reduced heart rate variability?

Kristian Rasmussen: Antidepressant use in parents having a child with Down syndrome.

Kirstine Bundsbæk Bøndergaard: Experiences with End-of-life (EOL) for Patients with Pre-Existing Severe Mental Disorders – An Interview Study

Flash talk:

Charlotte Steen Duholm: Can health anxiety be differentiated from other anxiety phenomena in adolescence?

Christian Jentz: Somatic Health Challenges and Social Factors in Forensic Psychiatric Patients: A Study on Health Inequities and Health Literacy

Christine Leonhard Birk Sørensen: Social inequality in mental health among Danish 15-year-olds

Pernille Bach Steen: Increased Perceived Stress Levels and Social Disparities in Stress: A Comparative Study of 15-Year-Old Adolescents

Oral presentation:

Caroline Abild: Psychometric properties of the Danish version of Diabetes Eating Problem Survey Revised

SESSION 11

Pitch:

Anne Mette Gissel Jensen: The SORL1 p.Y1816C Variant Causes Impaired Endosomal Dimerization and Autosomal Dominant Alzheimer's Disease

Cecilie Thruø: Can high-intensity exercise be used to treat fatigue in Parkinson's Disease?

Julius Vadiveal: Freezing of Gait in Danish patients with Parkinson's disease assessed with wearable accelerometer: a cross-sectional validation study

Shubhangi Das Barman: REVIVING EXHAUSTED MUSCLE STEM CELLS IN DUCHENNE MUSCULAR DYSTROPHY (DMD)

Virginia Fochi: Unravelling the role of Cullin3-linked protein degradation in the development of neuromuscular disorders

Flash talk:

Kathrine Hyldig Bjerre: Using Basigin receptor as target for transport of Biotherapeutics across the blood-brain-barrier

Mia Heintzelmann: The REVEAL study.
A Magnetic REsonance Spectroscopy Study InVestigating Cortical HyperExcitability in ALS

Signe Mikkelsen: The aging vasculature in hippocampus

Thomas Stax Jakobsen: The Role of Sortilin in Retinal Neurodegeneration

Oral presentation:

Peter Kolind Brask-Thomsen: Diagnostic and sensory changes in DPN in type 2 diabetes. A 5 year-follow-up

SESSION 12

Pitch:

Anne Marie Gøtke: LATIES - Late window thrombolysis in acute ischemic stroke

Charlotte Nygaard: Post-traumatic headache: Phenotyping, exploring pathophysiological insights and novel treatment strategies

Johannes Duvander Bülow: Intermittent hypoxic therapy as novel treatment of activity-related headache in migraineurs

Saba Molhemi: The effect of Locus Coeruleus ablation on neurovascular coupling

Tarannum Ara: Understanding the neuroprotective role of the novel HCO₃⁻ sensor RPTPy in disease severity of ischemic stroke

Flash talk:

Anna Bystrup Jacobsen: Threshold Tracking TMS and Neurofilament Light Chain as Biomarkers in ALS

Camilla Mærsk-Møller: Comparative Study of High-Efficacy, Disease Modifying Treatments of Relapsing Multiple Sclerosis (CoSHED RMS)

Christina Shen-Zhuang Nielsen: Cerebral pulsatility index in a mouse model of acute ischemic stroke.

Kristin Allergodt: Living with Myotonic dystrophy type 1: A scoping review.

Oral presentation:

Miriam Højholt Terkelsen: Dopaminergic dysfunction predicts disease course in isolated REM sleep behaviour disorder

SESSION 13

Pitch:

Alisha S M Hall: Genome-wide association study of Borderline Personality Disorder accounting for age at diagnosis and family history in iPSYCH

Andreas Færgemand Laursen: Course of neurocognitive development in children at familial high risk of schizophrenia or bipolar disorder: A prospective cohort study from 7 to 15 years of age. The Danish High Risk and Resilience Study – VIA 15

Andreas Myhre Baun: Longitudinal assessment of brain atrophy in patients with isolated REM sleep behaviour disorder

Frederik Skovbjerg: Participation in structured leisure-time activities among people living with Spinal Cord Injuries – A cross-sectional study.

Line Thordahl Jakobsen: Improving mental health in patients with type 2 diabetes in general practice

Silvia Genovese: The Impact of Individual Factors and Preferences on Music for Sleep.

Flash talk:

Julie Løye Hejl: Mind the Heart - Paving the way for timely assessment and treatment of mental health disorders in children and adolescents with congenital heart defects

Maria Louise Jöhnk: Mobile app-assisted behavioural treatment for children and adolescents with tic-disorders:

- A pilot randomised controlled clinical trial

Thomas Lamm: Experiences of receiving internet-based treatment (“One step at a time”) for multi-system functional somatic disorder: Preliminary findings from qualitative interviews

Oral presentation:

Chloe Saunders: Towards personalized explanation for functional somatic disorders: a participatory design study

SESSION 14

Pitch:

Ann Hanifa: Virtual Reality: Relaxation in an Acute Environment

Anne Grøndahl Poulsen: Interdisciplinary collaboration between general practice and sickness benefits office in return to work processes

Dea Kejlberg Andelius: MOVE your Lungs: Chronic Obstructive Pulmonary Disease - Physical Activity and Pulmonary Rehabilitation

Simon Arvin: Potentiation of general anesthesia by local blockade of the peripheral vagus nerve

Sofie Jacobsen: Are Sexual assaults a risk factor for functional somatic disorders?

Flash talk:

Anette Viftrup: Patient-reported harm following surgery cancellation: a cross-sectional study

Rikke Nicoline Stokholm: The validity of instruments to measure knowledge in population-based cancer screening – a systematic review

Stinne Eika Rasmussen: The Brief Health Literacy scale for Adults: Adaptation and validation of the Health Literacy for School-Aged Children questionnaire

Oral presentation:

Stian Langgård: The efficacy of blood flow restriction EXercise before total Knee arthroplasty on sit-to-stand function 3 months postoperatively (EXKnee): A

randomized controlled trial.

SESSION 15

Pitch:

Anna Memborg Toft: The effect of maternal and child BCG scarring on disease severity: An observational hospital-based study from Guinea-Bissau

Henrik Filskov Aaseby: Does co-administration of BCG with Pentavalent vaccine reduce morbidity compared with Pentavalent vaccine only? A natural experiment in Guinea-Bissau

Kia Lærke Madsen: Human papilloma virus prevalence and feasibility of urine- and vaginal self-sampling as cervical cancer screening modalities in HIV-infected women in Guinea-Bissau

Maya Dyveke Schou: Pomalidomide as an immune-enhancing agent for the control of HIV: An investigator-initiated phase I/IIb clinical trial in people living with HIV on ART and during analytical treatment interruption.

Savannah Duus Andersen: Optimized diagnosis of Tuberculosis in an African HIV cohort

Flash talk:

Emma Faddy: PET/MRI fails to detect suppressed Staphylococcus aureus prosthetic vascular graft infection (PVGI) in a rat model

Ida Monrad Johannsen: Time to Clearance of SARS-CoV-2 Infections in Immunocompromised Patients

Vibeke Klastrup: Factors influencing time to viral rebound during analytical treatment interruption in clinical HIV trials

Victor Næstholt Dahl: Clinical significance, species distributions and temporal trends of nontuberculous mycobacteria isolates in Denmark from 1991 through 2022: a nationwide study of microbiology data

Oral presentation:

Cecilie Patsche: Treating tuberculosis-driven malnutrition with a protein-rich nutritional supplement improved tuberculosis treatment adherence but not weight gain: a multicenter, open-label, cohort randomized controlled trial

SESSION 16

Pitch:

Caroline Worm: Can high maternal vitamin D levels positively affect prenatal neurodevelopment in obese pregnancies?

Eva Marie Gjørup: Artificial sweeteners in pregnancy and childhood overweight

Helena Hørdum Breum Andersen: Can increased vitamin D supplementation reduce obesity-related inflammation in pregnancy?

Matilde Have Kallesøe: The impact of Maternal Scanning Outreach in rural Sierra Leone on the referral of women with high-risk births to Masanga Hospital.

Flash talk:

Maja Raos: Impact of surgery on fertility among patients with deep endometriosis

Ninna Lund Larsen: Insulin resistance in gestational diabetes mellitus

Signe Dalsgaard Justesen: ABCB1 expression is increased in human first trimester placenta from pregnant women classified as overweight or obese

Simon Horsholt Thomsen: Placental mosaicism for autosomal trisomies: a registry-based study of Danish cases 1983-2021

Oral presentation:

Emmeli Mikkelsen: Fetal membrane cells in maternal blood after rupture of membranes

SESSION 17

Pitch:

Anne Katrine Leonhard: Equal access to HPV-vaccination: Preliminary results of a cross-sectorial intervention of School-based HPV-education and -vaccination.

Emilia Castro-Pavlik: Perceived stress and the risk of spontaneous abortion

Josephine Gladov: Self-reported sleep quality correlates with infection risk: results from the Danish Blood Donor Study

Marie Dahl Jørgensen: Physical Activity and Risk of Spontaneous Abortion in a Danish Preconception Cohort

Flash talk:

Ida Kaad Faurschou: Time trends in incidence of pilonidal disease from 1996 – 2019
- A Danish population-based cohort study

Mette Hindsholm: Recurrent ischemic stroke in patients with atrial fibrillation on oral anticoagulants: a nested case-control study in Denmark

Nicolai Kjældgaard Kristensen: Validation of a Classification system for Periprosthetic Joint Infections.

Niels Holm: Danish translation, modification, and validation of the Eustachian Tube Dysfunction Questionnaire

Oral presentation:

Signe Bergliot Nielsen: Target and failure pattern in SCC-HNCUP: a prospective phase-4 study from DAHANCA

SESSION 18

Pitch:

Katrine Astrup: Development and evaluation of a cross-sectoral cognitive rehabilitation program for critically ill patients

Kirstine Guld Frederiksen: Early individualised nutritional intervention to prevent malnutrition in patients with cancer receiving palliative chemotherapy

Malene Glud: Adherence to secondary prevention of Atherosclerotic Cardiovascular Disease - Identify barriers and facilitators

Trine Brøns Nielsen: Rehabilitation and return to everyday life for patients with long COVID

Flash talk:

Anne Kraushaar Martensen: Gastrointestinal stimulation as a treatment of postoperative ileus following cytoreductive surgery and hyperthermic intraperitoneal chemotherapy (STIMULATE) - A clinical feasibility study

Helene Rask Dalby: IMPACT OF COLONIC DIVERTICULOSIS ON DAILY LIFE. THE DIVIPACT STUDY.

Rasmus Kraghede: Feasibility of intratracheal tracheostomy sealing

Rupan Paramasivam: Quantitative Comparison of a Hand-Sewn Anastomosis and Stapled Anastomosis using Laser Speckle Contrast Imaging, an Experimental Setup in a Porcine Model

Oral presentation:

Merete Nørgaard Madsen: Hip strengthening exercise dosage is not associated with clinical improvements after total hip arthroplasty – a prospective cohort study (the PHETHAS-1 study)

SECOND ROUND OF SESSIONS – 13.35 TO 14.55

SESSION 19

Pitch:

Doruk Bor: Effect of butyrate treatment on myocardial ischemia in a rat model

Dung Nguyen Riis: Cardiopulmonary Resuscitation Quality during Basic- vs. Advanced Life Support during In-hospital Cardiac Arrest

Maja Thomassen: Heart Transplantation: Optimization of Hearts from Circulatory Dead Donors in a Porcine Real-life Model

Malene Højgaard Andersen: Low-density lipoprotein cholesterol, coronary artery disease severity and cardiovascular disease events across the age-spectrum: Novel insights from 85.000 individuals undergoing computed tomography angiography from the Western Denmark Heart Registry

Sie Kronborg Fensman: Phenotyping and characterization of a Danish Wild-type Transthyretin Amyloidosis Cardiomyopathy cohort: A cross-sectional study

Simon Graff: The use of problem analysis and evidence synthesis prior to a Ph.D. study.

Flash talk:

Anne Louise Jensen: The effects of proposed bicarbonate sensor RPTPy on exercise performance

Christel Gry Aagren Nielsen: Oximetry guided versus rapid deflation: impact of radial artery occlusion and time to hemostasis when performing radial interventions – A randomised study

Malene Køerslund Hansen: Eligibility and preventive potential for semaglutide in real-world overweight and obese patients with myocardial infarction

Oral presentation:

Jacob Marthinsen Seefeldt: The short-chain fatty acid butyrate is an inotropic agent with vascular and cardioprotective properties

SESSION 20

Pitch:

Laura Bruus Bjerre: Investigating Mammary Gland Functionality: Insights into Lactation and Calcium-Mediated Secretion in Murine Models

Oliver Slavensky: A comparison of the C57BL/6JRj and SWISS mice strains as a murine model of glucocorticoid induced osteopenia and skeletal muscle atrophy.

Pernille Lajer Sørensen: Understanding the Role of Megalin in Retina: Insights from a Mouse Model Study

Trine Rasmussen: A translational pig model for high-dose Methotrexate pharmacokinetics in CNS

Flash talk:

Anna Borgognoni: Personalized Surgery – introducing medical 3D print technology in orthopaedic oncology

Anne Juhl Nielsen: Soluble macrophage-mannose receptor, CD206 (sCD206): A potential non-invasive biomarker for idiopathic pulmonary fibrosis

Jamal Bousamaki: Sustaining fibrotic injury in animal models of idiopathic pulmonary fibrosis

Johannes Jedrzejczyk: Posterior mitral valve reconstruction using 2-ply vacuum pressed small intestinal submucosa extracellular matrix: Acute in vivo evaluation

Simone Juel Dragsbæk: A Porcine Model of Human-like Chronic Thromboembolic Pulmonary Disease

Oral presentation:

Johannes Bech Steinmüller: Neuroplastic effects of subthalamic Deep Brain Stimulation in a parkinsonian minipig model

SESSION 21

Pitch:

Cecilie Langkilde Lauesen: Handover of information from ward staff to the cardiac arrest team during in-hospital cardiac arrest: Identifying deficiencies and building a new model

Charlotte Hald: Developing a model for end-of-life care in transitional care for community dwelling older adults

Louise Krog: The value of patient-reported outcome measure assessment and circulating tumor DNA to detect early relapse during surveillance in women with vulva cancer

Manja Bjerring Rothenberg: A multi-component transition program targeting to support newly graduated nurses in their transition to become skilled nurses – a feasibility study

Mette Jertrum Hansen: Use of opioid analgesics 3 and 12 months following primary knee arthroplasty

Rikke Dugaard: Feasibility of Early Remote Rehabilitation after Cardiac Surgery in a Primary Health Care Setting

Flash talk:

Anders Schram: Can simulation-based team training improve working conditions among healthcare professionals

Anne Sofie Frølund: The doctors' perception of skin diseases in general practice in Denmark, with emphasis on atopic dermatitis – A descriptive study

Lene Holst Andersen: Conducting ward rounds with older patients living with frailty: A modified Delphi study

Oral presentation:

Malene Tanderup Sørensen: Being permanently infertile and the 'choice' of surrogacy – an interdisciplinary, qualitative study

SESSION 22

Pitch:

Anna Bøgh Lindholm: Simple method for isolation and selective cultivation of primary porcine retinal endothelial cells and pericytes

Ditte Marie Storm: Vascular and metabolic dysfunction in adipose tissue: a dangerous duo in obesity

Monja Müller: The mechanism and regulation of aggrephagy

Rasmus Aabling: Importance of proper post culture cell handling of a cryopreserved human adipose derived mesenchymal stem cell therapy product

Flash talk:

Kristian Savstrup Kastberg: Complement fragment C3d in B cell activation and antigen transport

Lara Marziani: Monitoring the effect of inflammation in an in vitro stroke model

Marie Louise Næstholt Dahl: Autoantibodies against TRIM21 and its individual domains in autoimmune disease

Rachele Rossi: Unraveling the features of extracellular vesicles derived from mouse peripheral nerves

Sofie Fonager: Paragenetic inheritance of autoimmunity and downstream neuropsychiatric sequelae

Oral presentation:

Olivia Wagman: Endothelial metabolism regulates STING-driven inflammation

SESSION 23

Pitch:

Amalie Olsen: Efficient in vitro and in vivo mRNA and CRISPR delivery with lipid nanoparticles

Camilla Merrild: Characterization of an inflammation-driven chronic kidney disease model using human precision-cut kidney slices

Kerstin De Keukeleere: Acute retinal necrosis upon VZV infection in a patient with a splice-site mutation in ZC3HAV1 suggests an important antiviral role for ZC3HAV1 in VZV infections

Sofie Jørgensen: Exploring associations of single nucleotide polymorphisms in endoplasmic reticulum aminopeptidases (ERAPs) and susceptibility to multiple immune-mediated inflammatory diseases

Flash talk:

Cecilie Feidenhansl: The dysbiosis of the acne skin microbiome and its decline after isotretinoin treatment

Cecilie Siem Bach-Nielsen: Lipid nanoparticle-induced gene expression for antiviral therapy against SARS-CoV2 and Influenza A infections

Clàudia Río-Bergé: The role of ER-phagy in virus infections

Frederik Søholm Gillesberg: A biomarker of the S100A9 subunit; Cpa9-HNE is

decreased in response to adalimumab treatment in axSpA

Qian Liu: Solvent effect on the self-assembly of α -helical phenol-soluble modulin peptides

Oral presentation:

Jacob Storgaard: The CES genes are silent protectors against influenza in our airways

SESSION 24

Pitch:

Amalie Maria Grønning: Renal Aquaporin-2 and Protein Kinase A localization following cAMP increase

Benjamin Green: The renal urinary concentration mechanism: Towards a detailed model of Aquaporin 2 shuttling

Cristina Ballester Bergada: - **CANCELLED** mRNA THERAPY DURING NORMOTHERMIC MACHINE PERFUSION OF DONOR KIDNEYS

Sandra Maria Hansen: Bile Acids as a Mediator of Renal Injury in Non-Alcoholic Fatty Liver Disease

Trine Züricho Lyksholm: Effects of Exogenous Ketosis on Renal Function, Renal Perfusion and Sodium Excretory Capacity in Healthy Subjects (KETO)

Victor Ramon Llorente: Obstructive sleep apnea in chronic kidney disease: an overlooked risk factor for cardiovascular and renal disease progression

Flash talk:

Emma Johannsen: The testicular microvasculature in Klinefelter syndrome is immature with compromised integrity and characterized by excessive inflammatory crosstalk

Maria Chrysopoulou: Isotope-guided metabolomics dissects kidney arginine metabolism

Nanna Johnsen: Thrombocytes constitute an effective clearance system for uropathogenic Escherichia coli in a murine model of urosepsis

Oral presentation:

Tilde Kristensen: Minimal Change Disease at debut and relapse – a retrospective description of treatment strategies and changes throughout time

SESSION 25

Pitch:

Anne Emilie Morsing: B cells and Tertiary Lymphoid Structures: Implications for Liver Cancer Progression

Clara Laursen: Hyperglycemia during treatment in children and adolescents with acute lymphoblastic leukemia and lymphoma

Mathilde Sørbye Blaavand: Exploring ROCK1 Activation in Invasive NF1-Deficient Glioblastoma

Tine Andreassen: Investigation of tumor microenvironment in immunotherapy response in bladder tumors

Flash talk:

Anne Sofie Borg Hammer: T Cell Recovery after Chemotherapy in Children, Adolescents and young Adults with Acute Myeloid Leukemia

Carmen Oroperv: Using overlapping reads to model sequencing errors enables accurate calling of low-frequency somatic mutations

Mikkel Erik Juul Jensen: Potentially inappropriate drugs in older patients with acute illness: Preliminary data from a Delphi-process

Nanna Kristjánsdóttir: T cell receptor repertoire and diversity are associated with outcome in bladder cancer

Oral presentation:

Andrea René Jørgensen: Doxorubicin concentrations in bone tumour relevant tissues after bolus and continuous infusion – a randomized porcine microdialysis study

SESSION 26

Pitch:

Florentina Krasniqi: PEAR1: A potential biomarker for aspirin treatment response in patients with coronary artery disease

Frida Hæstrup: Using machine learning in early detection of cancer among patients with mental illness

Marlene Bentestuen: Pharmacogenomics in Psychiatry: Optimizing identification of high-risk patients for the development of serious cardiac events

Nina Moustgaard Knudsen: Non-invasive Assessment of Skin Vascularization, Blood Perfusion, and Micro-morphology in Patients with Atopic Dermatitis and Psoriasis

Flash talk:

Jens Kæstel Skov: Atrioventricular block with pacemaker indication as a marker of transthyretin amyloidosis among elderly patients? – Protocol for ATTRAB-study

Louise Bjerregaard: - **CANCELLED** Incidence of Non-sustained Ventricular Tachycardia And Arrhythmic Disease Progression In Hypertrophic Cardiomyopathy

Mia Skøtt: Vascular pulsatility in the ageing brain

Peter Carøe Lind: Why do patients develop in-hospital cardiac arrest? A prospective observational study (WHY-IHCA)

Oral presentation:

Nichlas Vous Christensen: A user independent denoising method for x-nuclei MRI and MRS

SESSION 27

Pitch:

Janni Mølsted: Cutting-Edge AI diagnostic Tool for Penile Lesions: Distinguishing Benign from Malignant Cases

Jens Ejrnæs Tønder: The Association Between Type 2 Diabetes and Melanoma Stage and Prognosis

Nathalie Fryd: GreenBladder - Early detection of bladder cancer in residents in Greenland using a urinary biomarker and a mobile cystoscopy unit

Peter Engholm Hjort: Optimizing diagnosis and primary treatment of non-muscle invasive bladder cancer by use of artificial intelligence

Flash talk:

Bayan Sardini: How effective is mammography screening on the reduction of breast cancer mortality among breast cancer survivors and chronically ill.

Kasper Grooss: Cancer recurrence: Detection and diagnostic intervals in Danish general practice

Katharina Skovhus Prior: Record-based frailty and Days Alive and Out of Hospital within 90 days after radical cystectomy in older patients with bladder cancer: Preliminary results from a retrospective cohort study

Malene Blumenau Pedersen: Prehabilitation in prostate cancer patients prior to nerve sparing radical prostatectomy

Oral presentation:

Lene Munk: Electronic patient reported outcome measures (ePROM) collected through smartphone text messages.

SESSION 28

Pitch:

Ane-Kersti Skaarup Knudsen: Can Swede score improve the diagnostic accuracy of cervical cancer and precancer?

David Kocemba: Unlocking Precision Surgery: A Randomized Controlled Trial Investigating Selective Nerve Root Block's Diagnostic Potential in Lumbar Degenerative Disease

Kirstine Hermann Jørgensen: Pneumothorax is common in patients with emphysema treated with endobronchial valves in the upper lobes and results in prolonged hospital admission and more complications

Mathias Flensted Poulsen: A highly responsive bioassay for quantification of glucocorticoids

Mayuri Charnalia: Impact of elective target and nodal boost on acute gastrointestinal toxicity in cervical cancer: EMBRACE-II findings

Sebastian Nielsen: Effects of Percutaneous Transluminal Renal Angioplasty for Atherosclerotic Renal Artery Stenosis in High-Risk Patients – A Danish Nationwide, Double-blinded, Randomized and Sham-controlled Study. (The DAN-PTRAll trial)

Flash talk:

Akila Aiyar: Management of Unilateral Craniofacial Microsomia with Orthopedic Functional Appliances: A systematic literature review.

Jesper Fjølner: Femoral arterial cannulation and invasive blood pressure measurement in out-of-hospital cardiac arrest – a feasibility study

Mads Lamm Larsen: Exploring Mechanisms Behind Thrombosis in Systemic Lupus Erythematosus

Oral presentation:

Judit Prat Duran: Evaluation of transglutaminase 2 inhibition in fibrotic human precision cut kidney slices

SESSION 29

Pitch:

Anne Katrine Bak Poulsen: Feasibility of Assessing the Abnormal Paediatric Airway using Rotational Optical Coherence Tomography - The OCT Air Study

Ann-Kristine Mandøe Svendsen: The effect of methylphenidate for giggle incontinence in children

Emil Krogh: Lung Volumetry In Fetuses With Transposition Of The Great Arteries

Kristian Juul Sandahl: MYELODYSPLASIA-RELATED CYTOGENETIC ABNORMALITIES IN CHILDHOOD ACUTE MYELOID LEUKEMIA – A 20-YEAR I-BFM-AML COLLABORATIVE DATABASE STUDY

Flash talk:

Camilla Lomholt Kjersgaard: Atopic dermatitis in childhood and subsequent pubertal development: A nationwide cohort study

Josefine Tang Rørbech: NURSING INTERVENTIONS FOR PEDIATRIC PATIENTS WITH CANCER AND THEIR FAMILIES: A SCOPING REVIEW

Michella Bjerregaard: A complex couplet care intervention: Effects on length of stay, skin-to-skin contact, breast stimulation and wellbeing among infants and their parents in a neonatal intensive care unit – a quasi-experimental trial

Sonja Meyer: ALL-STAR Lungs: Late pulmonary adverse effects; pulmonary function and symptomatology in children and adolescent survivors of acute lymphoblastic leukemia (NOPHO ALL2008 cohort)

Oral presentation:

Marie Bach Sønderskov: Variation in content of cannabinoids in cannabis tea dependent on cannabis product and preparation method used – A comparison of three products included in the Danish medicinal cannabis pilot programme

SESSION 30

Pitch:

Chris Jeppesen: Polyamine treatment in elderly patients with coronary artery disease – a randomized controlled trial. From a Cardiovascular perspective.

Helene Viborg Christensen: An evaluation of transdermal versus oral estrogen replacement therapy in Turner syndrome through deep-mining of all accessible data sources in the BI warehouse

Natasha Amran Laursen: Treatment with Zoledronate Subsequent to Denosumab in Osteoporosis 2 (ZOLARMAB2)

Simon Kjær Simonsen: Metabolic effects of four-week lactate-ketone ester supplementation

Vivi Mäkinen: The Optimised Use of Romosozumab

Flash talk:

Jonathan Baier: Effect of colchicine on cardiovascular target organ damage in patients with type 2 diabetes

Majbritt Jeppesen: Pulmonary infection with gram-negative bacterial pathogens before and two years after elexacaftor/tezacaftor/ivacaftor introduction: Results from the Danish National Cystic Fibrosis Cohort

Mattias Hedegaard Kristensen: Preliminary results: Characterizing Regional Pulmonary Gas Transfer using Hyperpolarized ¹²⁹-Xenon MRI in Fibrosing Interstitial Lung Disease

Søren Isidor: Bioelectric impedance analysis (BIA)-derived parameters following exercise in individuals with type 2 diabetes

Oral presentation:

Ditte Smed Kornum: A randomised, double-blind, sham-controlled, multicentre study investigating the effect of transcutaneous vagal nerve stimulation on gastrointestinal symptoms in individuals with diabetic gastroenteropathy

SESSION 31

Pitch:

Andreea-Alexandra Bach-Nielsen: The nordic rectal prolapse study - a multicenter international cohort study

Cecilia Majlund Hansen: The interaction effect between multimorbidity and hip fracture on infection risk: a nationwide registry-based study of 92,599 patients with hip fracture

Christian Lind Nielsen: Testing the strength and healing of interlocking laser

osteotomies

Fredrika Magnuson: Comprehensive evaluation of gastrointestinal function in patients with Neurogenic Bowel Dysfunction (protocol abstract)

Martin Mølhave: Optimizing post-tonsillectomy morbidity: a multicenter, double blinded, randomized controlled trial comparing surgical instruments

Simon Storgaard Jensen: The Impact of Somatic and Psychiatric Multimorbidity, Lifestyle Factors, and Socioeconomic Markers on the Risk of Reoperations following Osteoporosis-Related Hip Fracture

Flash talk:

Johan Kløvgaard Sørensen: The effect of the popliteal plexus block on postoperative opioid consumption, pain, muscle strength and mobilization after total knee arthroplasty - a randomized, controlled, blinded study.

Josefine Beck Larsen: Minimal important change of the Western Ontario Osteoarthritis of the Shoulder (WOOS) index

Martin Bækgaard Stisen: Exploring needs, barriers to, and facilitators of rehabilitation following revision hip replacement - a grounded theory study

Oral presentation:

Andreas Gammelgaard Damsbo: Persistent low physical activity after stroke and risk of new vascular event or death

SESSION 32

Pitch:

Fatemeh Yarmahmoudi: Inhibition of PI4KIII α as a Novel Potential Approach for Parkinson's Disease Treatment

Leonardo Melo Rothmann: Decoding Addiction Through DNA Methylation and Neuroimaging: A Longitudinal Study on Developmental Predisposition

Sofie Dorset: Base editing of chronic granulomatous disease-causing mutations in CYBA and CYBB

Søren Hejgaard Elsborg: Adenine feeding leads to uremia in mice

Yane Chaves: Establishing a treatment-resistant depression model for study the resolution of inflammation

Flash talk:

Jonas Holst Wolff: Prime editing of human CD34+ hematopoietic stem cells for correction of GATA2 deficiency and X-linked chronic granulomatous disease

Louise Bendixen: Orthogonal and multiplexed transcriptional modulation and gene editing using orthologous CRISPR/Cas9 systems

Marvin Werner: Recurrent lymphoid meningitis in heterozygous IRF7 deficiency

Sujan Ravendran: Exploring CRISPR-Mediated Gene Correction Strategies as a Definitive CURE for DOCK8 Deficiency

Oral presentation:

Camilla Eva Krænge: Spatial summation and lateral inhibition of thermosensation

SESSION 33

Pitch:

Bjarke Bøttger: Improvements in daily Activity and exercise in Children with overweight: The Act-Child study

David Haldrup: Effects of extensive Weight loss on Insulin resistance and Lipid-kinetics in people with obesity, fatty liver Disease.
The WILD study

Ida Borreby Pedersen: INfluenza Vaccination To mitigate type 1 Diabetes (INVITED trial) – a randomized, double-blinded, placebo-controlled clinical trial in children and adolescents with recent-onset type 1 diabetes

Inger Lily Margrethe Jensine Hjuler Dorf: Genomic and clinical aspects of fetuses with sex chromosome aneuploidies

Julie Bondgaard Mortensen: Increased risk of metabolic dysfunction-associated steatotic liver disease in individuals with low birth weight – a case-control and reversibility study

Flash talk:

Jelena Stankovic: Impact of glucocorticoid exposure on skeletal muscle function: experimental study in human subjects

Mai-Britt Skadborg: Can Pravastatin improve Insulin Sensitivity in Renal Transplant Recipients and Patients with Chronic Kidney Disease? The INSTA-study

Nanna Sutter Rolighed: Faecal Microbiota Transplantation against chronic diarrhea

in Patients with Systemic Sclerosis - a randomized, double-blinded, safety and pilot-efficacy study.

Theresa Møller Kynde: Working-life exposome and COPD

Oral presentation

Camilla Lundgreen Duus: The Efficacy of Salt Restriction in Patients with Hypertension and the Predictive Value of Salt Blood Test

SESSION 34

Pitch:

Abarajitha Thiagarajah: The effect of Fremanezumab on pain in patients with Complex Regional Pain Syndrome: a randomized, double-blind, proof of concept, placebo-controlled trial

Melina Vejlø: Modeling the Influence of Cannabinoids on effort, fatigue and interoception

Niwar Faisal Mohamad: Impact of Noradrenaline vs. Phenylephrine on Brain Circulation, Organ Blood Flow, and Tissue Oxygenation in Anesthetized Patients with Brain Tumors: A Randomized Controlled Trial

Pelle De Deckere: The role of dopamine in the pleasurable urge to move to music, rhythm perception and production

Peter Andreas Andersen: Neuropathic pain and sensory disturbances in spinal cord injury and peripheral nerve root lesions.

Flash talk:

Danni Chen: Socioeconomic inequalities in excess mortality and life years lost associated with mental disorders: a nationwide cohort study in Denmark

Josephine Olsen Kipp: Anterior shoulder instability during apprehension-relocation test measured with radiostereometry

Louise Elkjær Fløe: CASEMED
Cancer Patients with pre-existing Severe Mental Disorders
Development and pilot test of a collaborative care model

Nadia Iraqi: Interscan reproducibility of CT derived coronary plaque measurements using a semi-automated analysis software

Oral presentation:

Anders Guldhammer Skjerbæk: Substantial deficits and differences exist across measures of walking capacity in patients with multiple sclerosis

SESSION 35

Pitch:

Laurits Kaaber: Low-dose, standard and high-resolution CBCT for alveolar bone measurements (and digital model making)

Muhammed Alparslan Gökhan: Truth or myth? Ability of dairy proteins to reduce capsaicin-induced oral burning pain and possible clinical implications

Nicoline Larsen: A comparative study of interdental osteotomies performed with robotic controlled laser osteotome or a piezoelectric saw

Ruza Bjelovucic: Dental Students' Attitudes on Cardiopulmonary Resuscitation Training via Virtual Reality: An Exploratory Study

Flash talk:

Anika Kofod Petersen: Keypoint detection and representation for automated comparison of intraoral 3D photoscans

Kathrine Bohn Faldborg: A Study in Healthy Volunteers to Improve Methods for Detection of GHB in Drug Rape Victims

Mojdeh Mansoori: Adolescent Dietary Quality as a Risk Factor for Painful TMD and Headaches in Young Adults

Yumi Chokyu Del Rey: pH-FISH: a combined analysis of microscale pH and microbial architecture in biofilms

Oral presentation:

Sandra Thun Langsted: Strategy for Prompt and Effective Thoracentesis in the Emergency Department (SPEEDTAP): A Multicenter Randomized Clinical Trial

SESSION 36

Pitch:

Ibrahim Alzaim: Human Adipose Tissue Blood and Lymphatic Endothelial Cell Heterogeneity in Health and Disease

Ida Guldbrandt Kjær: Effect of methylprednisolone on the synthesis of glycerol-3-phosphate in adipose tissue from female mice

Line Langberg Balsby: Lymphedema, low-grade inflammation, and the vasculature in Turner syndrome

Saeideh Tavajoh: Exploring Inflammatory Resolution Pathways to Attenuate Cardiometabolic Diseases

Flash talk:

Alexandra Amalie Uglebjerg Pedersen: Characterizing coronary atherosclerotic plaques using Magnetic Resonance imaging

Casper Homilius: Ketone body 3-hydroxybutyrate increases cardiac output through systemic vasorelaxation and enhanced cardiac contractility

Frederik Bromer: The effect of anti-activin receptor type IIA/IIB antibodies on muscle, bone, and blood in healthy and in immobilization-induced osteopenic and sarcopenic mice

Stig Henrik Andersen: Mapping niche dynamics at single-cell resolution to boost the regenerative potential of aged skeletal muscle

Oral presentation:

Andrea Lund: Impact of Transient Steatosis on Liver Regeneration and Post-Hepatectomy Liver Failure in Rats

SESSION 37

Pitch:

Emil Weissmann Jensen: Thriving or Surviving? A Longitudinal Inquiry into Early Career Academics' Development of Teacher Identities within the Health Sciences Education

Kirstine Bruun Viuf: Learning in a high-stake environment: how does your cognitive capacity affect surgical skills?

Nina Haugbølle Bjerre Andersen: Introductory positions: How they influence postgraduate medical training and specialty choice

Trine Arnam-Olsen Moos: Suffering and well-being as experienced by adults with refractory epilepsy undergoing rehabilitation in a community setting and their next of kin - a qualitative study.

Flash talk:

Astrid Becker-Larsen: Mental health of young female athletes

Erik Perfalk: Predicting involuntary admission in psychiatry using machine learning

Malene Risager Lykke: Can some childhood mental health disorders be prevented? Long-term risk of psychiatric disorders following neonatal, invasive Group-B Streptococcus disease.

Mette-Marie Zacher Kjeldsen: Early identification of postpartum depression: Possibilities of using information on personal and family history of psychiatric disorders to identify at-risk women

Sara Ellegaard Andreassen: Real-world effectiveness of faecal microbiota transplantation (FMT) for first or second Clostridioides difficile infection (CDI)

Oral presentation:

Victor Hvingelby: Results of a Randomized clinical trial of MicruBurst Spinal Cord Stimulation in Parkinson's Disease (STEP-PD)

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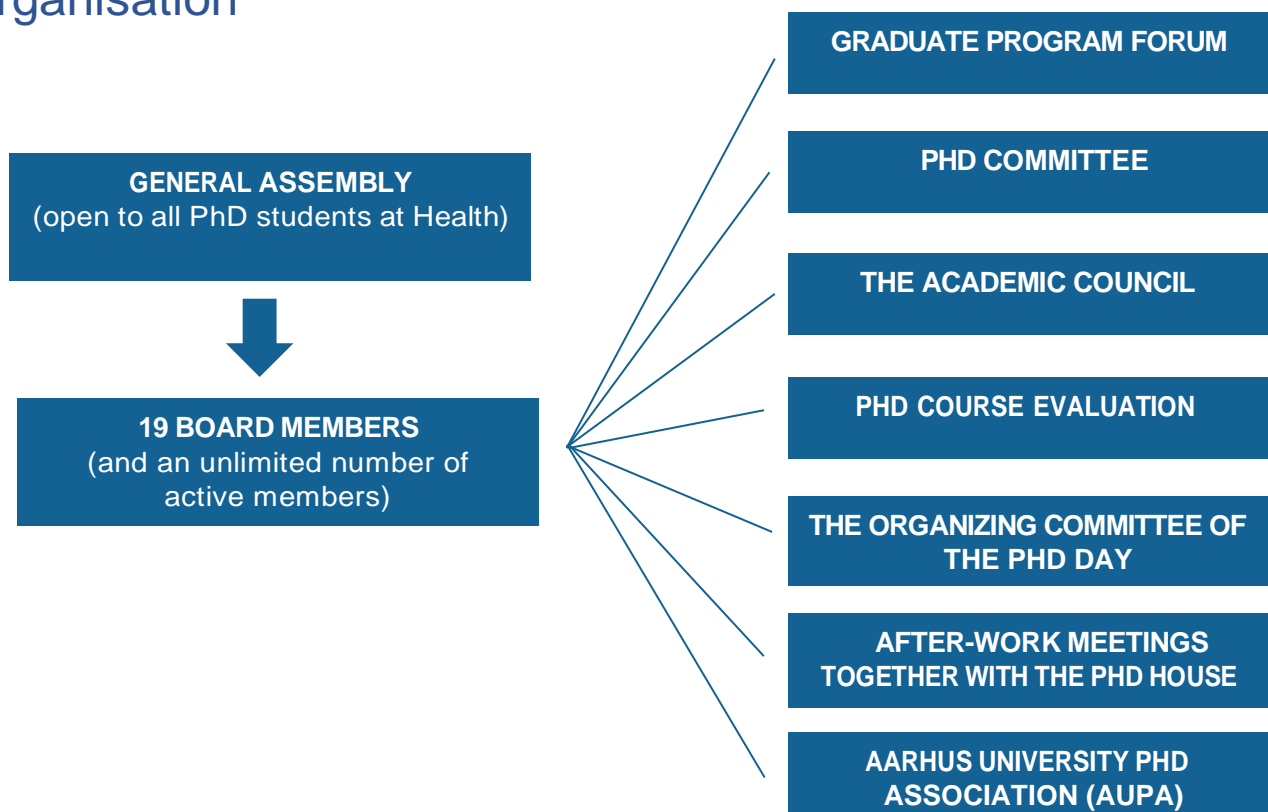
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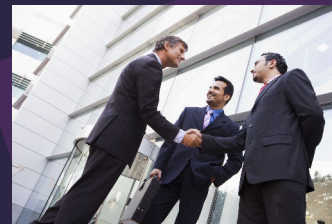
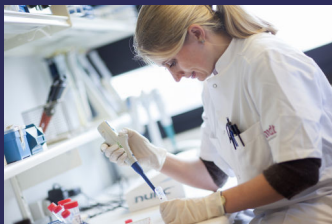
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Aarhus University's **Alumni Network**

- A universe of knowledge and relations

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Sign up for free membership and join 40,000 other alumni, students, PhDs and employees - get access to benefits, life-long learning and the opportunity to contribute with knowledge, experience and network.

Become a member

alumner.au.dk/en/become-a-member



May 2022

AU LIBRARY HEALTH SCIENCES

- Systematic literature search designed for your specific project
- Tips and tricks for PubMed, Embase, UpToDate, Cinahl and other databases
- Citation searches in Scopus and Web of Science
- EndNote – courses and support
- ORCID, Journal impact factor, h-index, and Pure
- Copyright and Open Access
- Courses in PubMed, EndNote etc.

Come by the library, phone or email us and we will help you.

AU Library, Health Sciences

Victor Albeck Building
Vennelyst Boulevard 4
DK-8000 Aarhus C
Tel. +45 2265 0073
sundhedsvidenskab.aul@kb.dk

Opening Hours

Monday – Thursday 9 a.m. - 5 p.m.
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library.au.dk



Commercialisation and IP

Excellent research can result in inventions which can benefit both you and society and the Commercialisation and IP unit, can help your invention reach society.

How can we assist you?



Support Innovation

Does your invention have what it takes to improve and wow the world? Our unit and external patent lawyers are ready to evaluate your technology as a candidate for innovation funding such as the Innoexplorer Grant.



Connect with the industry

Sometimes university-based research is the missing piece that the market is looking for. Let our Business Developers help you make sense of the Industry and see if your invention have a perfect match with a larger Corporation.

**Our unit supports all 5
faculties + Central
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Mail: patent@au.dk

Web: www.au.dk/techtrans



AARHUS UNIVERSITY

CONNECT

REGION MIDTJYLLANDS DATASTØTTECENTER

10 TIMERS GRATIS RÅDGIVNING TIL DIN FORSKNING

HVAD?

RÅDGIVNING OM BRUG AF
SUNDHEDSDATA I FORSKNING

HVEM?

FOR FORSKERE OG KLINIKERE PÅ AU
OG I REGION MIDTJYLLAND

HVORDAN?

SE MERE PÅ: WWW.CONNECT.AUH.DK





NETWORK STRATEGY

Cardiovascular research at AU and the hospitals in Region Midt contributes to **patient** welfare and health

Interdisciplinary cardiovascular research to address societal changes

Cardiovascular research and degree programmes of the highest **international** quality

Development of talents within cardiovascular research

WHAT DO WE OFFER?

- Annual meetings
- Summer schools
- Seminars & workshops
- Networking
- Interdisciplinary collaboration
- Project bank
- PhD courses

Join our network



Visit our website



Experiments

Research in cardiovascular function and disease mechanisms with cells, isolated organs and animal models.



Patients

Research in prevention, diagnostic tools, and therapy of cardiovascular diseases in patients.



CONTACT

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Network Coordinator
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E-mail: ape@au.dk

www.health.au.dk/en/the-cardiovascular-network

Join the Food and Nutrition Network at AU Health



Food and Nutrition is relevant for both clinical outcome and research in health and disease. As this field of research often requires a multidisciplinary approach as well as expertise (methodological and/or clinical), the network offers a unique opportunity to collaborate and develop new skills. The network stimulates and connects teaching activities within food and nutrition at a pre- and post-graduate level.

A wide array of technologies and research methodologies are available through the network ranging from experiment clinical-, epidemiological-, biomedical- to qualitative approaches. Method development and increased accessibility to existing research methodologies are important scopes of the network.

Among the pertinent research questions that are addressed by the network are:

- What are health consequences of the green transition?
- What are the potential health benefits from novel food products and food processing technologies?
- How do we prevent obesity and associated negative impact on well-being?
- How do we prevent malnutrition, sarcopenia, and cachexia among vulnerable subjects?
- What is the physiology behind consumption and ingestion of food and nutrition?
- How does disabilities and disease conditions impair normal consumption and ingestion of food?

The network serves as a platform for larger research projects initiated from within the network or through external invitations. This involves communicating with funding institutions, connecting researchers, and stimulating food and nutrition research among peers at AU Health.

The network also serves as a forum for coordination of established network activities in food and nutrition research outside AU Health.

Join the Food and Nutrition Network if you are interested in the activities within the network, wish to broaden your horizon within food and nutrition, or are interested in collaborations! The network is relevant and open for scientists at all levels.

To join the network, please visit <https://health.au.dk/en/the-food-and-nutrition-network>

Join the Inflammation Network

Inflammatory and infectious diseases continue to be significant global health challenges. As a society, our quest for understanding the interplay between inflammation and the development of autoimmunity and cancer, uncovering biomarkers, and deciphering the molecular mechanisms of infectious and inflammatory diseases remains paramount. The Inflammation Network is where multidisciplinary collaboration leads to the formulation of the right questions and the discovery of answers.

Our network comprises an extensive group of researchers, each with a keen interest in various aspects, including immune-mediated diseases, diagnostic methodologies, epidemiological insights, inflammatory markers, intracellular immune pathways, human genetics, and a deep comprehension of cell populations and tissue structures. Our steering committee also includes **two dedicated PhD student representatives**: Fernando Valentim Bitencourt and Lotte Lindgreen Eriksen.



Scan this to join
via our website



What's in it for early career researchers?

The Inflammation Network opens doors for early career researchers, providing an invaluable opportunity to expand your research network. These connections can pave the way for enduring professional relationships that may prove instrumental in shaping the trajectory of your future research endeavors. Researchers at all stages of their careers, including those who are still pursuing education, play an integral role within the Inflammation Network. **PhD student** Morten Kelder Skouboe, a member of the research group

at the Department of Biomedicine, shares his perspective:

"I've signed up to get a better idea of what's going on in other areas, and perhaps to get a clearer understanding of how my research skills can be used in other research groups working on things that I find really exciting".

Save the date and sign up!

Mark your calendar for **our 4th Inflammation Network Day**, scheduled for **March 6th**. A day filled with insightful talks that bridge the realms of basic and clinical research in inflammation, infection, and autoimmunity. Our program features excellent keynote speakers who will delve into topics such as infection immunology, the microbiome, tumor immunology, and autoimmunity. You can also expect numerous talks from junior researchers!



Our focus the next couple of years

- Continuous promotion and bridging of basal and clinical research within diseases related to inflammation, infection, and immunopathology
- Internationalisation, including Circle U. initiatives
- Engagement of younger researchers in the network, including the steering committee
- Establishment of focus groups related to specific topics, methodologies, and diseases

Scan this to read more and register
for 4th Inflammation Network Day

Network vision

Strengthen Aarhus University's position
Bridge university-based research departments, faculties & clinical medicine
Improve recruitment and visibility
Increase funding opportunities

HOW TO JOIN? <https://health.au.dk/en/the-inflammation-network/join-the-inflammation-network>

THE PERSONALISED MEDICINE NETWORK

WHO ARE WE?

Members include junior and senior researchers and clinicians across many fields, including genetics, epidemiology, molecular biology, bioinformatics, pharmacology, law and ethics, and more!

READ MORE
& SIGN UP HERE



SCAN ME

WHAT CAN WE OFFER?

- Biennial international conferences with international and national experts
- Annual meetings
- Regular seminars
- Specialised focus group meetings
- Up-to-date news on upcoming events, PhD courses, and grant funding opportunities
- Collaboration with the National Academies: Danish Cardiovascular Academy, Danish Data Science Academy, Danish Diabetes & Endocrine Academy, and Neuroscience Academy Denmark



THE TRANSLATIONAL CANCER NETWORK



VISION & STRATEGY

- Accelerating translation of scientific discoveries into tangible clinical applications
- Bring basic science into clinical practice and vice versa
- Involve the public and patients in our translational research through communication and outreach
- Encouraging an environment of open dialogue and mutual understanding

THE NETWORK OFFERS:

- Interdisciplinary collaborations
- Seminars & workshops
- Annual meetings
- Summer schools
- PhD courses



SCAN TO JOIN THE NETWORK

[linkedin.com/showcase/the-translational-cancer-network](https://www.linkedin.com/showcase/the-translational-cancer-network)





Circle U. is an alliance of nine strong universities, working together to co-construct a new common European educational offer focusing on international collaboration within **global health, democracy, and climate**.

With **interdisciplinarity, innovation, sustainability** as key words, Circle U. offers a wide range of opportunities for students and employees of member universities.

Academics

- Connect with colleagues
- Join networks and forums
- Seed funding
- Mobility options
- Join training programmes

Students

- Study abroad
- Join a summer school
- Participate in Circle U. Challenges
- Join a network
- Get international experience

Administrative staff

- Connect with colleagues
- Join training programmes
- Mobility options
- Circle U. Days
- Seminars and events

Learn more at

www.circle-u.eu

Or contact AU Academic Chair for Global Health,
Professor Christian Wejse



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UCLouvain



Co-funded by the
Erasmus+ Programme
of the European Union



Danish Diabetes and Endocrine Academy

Funded by the Novo Nordisk Foundation



Are you an early-career researcher within the research fields of **diabetes, metabolism** and/or **classical endocrinology**? Are you seeking funding for your research, excellent education activities or new collaborations? Then take a look at Danish Diabetes and Endocrine Academy's activities in 2024.

7 February	Deadline for Interdisciplinary PhD Scholarships <i>In collaboration with Danish Cardiovascular Academy and Danish Data Science Academy</i>
27-28 February <i>Aalborg, DK</i>	Course on Scientific Communication: Presentation Skills for Scientists
14-15 March <i>TBA, DK</i>	Workshop on Navigating as a Researcher in the Era of Artificial Intelligence
21-22 March <i>Aarhus, DK</i>	PhD course on Nutrition and Dietary Strategies in Prevention and Management of Diabetes
30 April-3 May <i>Odense, DK</i>	PhD course on Metabolic Bone Disease
May <i>Aalborg, DK</i>	Intermediate Course on Reproducible Research in R
May/June	Call for DDEA PhD Scholarships & Postdoc Fellowships
26-29 August <i>Ebberup, DK</i>	DDEA PhD Summer School on Diabetes, Metabolism & Endocrinology
21-24 October <i>Nyborg, DK</i>	PhD course on Basic Cardiometabolic Research
December <i>Odense, DK</i>	Advanced Course on Reproducible Research in R

We have many more symposia, networking events and workshops with renowned experts that we encourage PhD students to participate in.

Read more and sign up at www.ddeacademy.dk. We hope to see you!

PHD DAY HEALTH
19 JANUARY 2024
THE LAKESIDE LECTURE THEATRES