

PHD DAY

HEALTH

PROGRAMME & OVERVIEW

20 JANUARY 2023



AARHUS
UNIVERSITY

PHD DAY 2023 PROGRAMME

20 JANUARY 2023, 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)**
Michael Winterdahl, Associate professor, Department of Clinical Medicine, Aarhus University
Luisa S. Cassiano, PhD student, Chair of the PhD Association at Health, Aarhus University
- 8.25 **Keynote lecture by Dr. Sarah Hill, research psychologist and professor at Department of Psychology at TCU in Fort Worth, Texas**
Introduced by Michael Winterdahl, Associate professor, Department of Clinical Medicine, Aarhus University
- 9.25 **Short break with coffee/tea and fruit**
- 9.40 **Fogh Nielsen Prize Competition (45 min)**
Per Kirkeby, The Lakeside Lecture Theatres
- 10.35 **Oral sessions**
The Lakeside Lecture Theatres
- 12.05 **Break with lunch and networking**
- 12.50 **Flash talk presentations and Poster presentations**
The Lakeside Lecture Theatres, Anatomy (build. 1231), Big Anatomy Auditorium (build. 1262/115), and building 1264 (209 and 310)
- 14.30 **Break with coffee/tea and cake**
- 14.50 **Flash talk presentations and Poster presentations**
The Lakeside Lecture Theatres, Anatomy (build. 1231), Big Anatomy Auditorium (build. 1262/115), and building 1264 (209 and 310)
- 16.20 **The programme for the day ends**
On different locations
-
- 18.30 **Dinner and award ceremonies**
Centralværkstedet, Aarhus C.
Festive speech: Vibeke E Hjortdal

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.
- E-posters will be available through padlet. Find the QR codes for the webpage in the Lakeside Theatre.
- 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 2023

- Michael Winterdahl, Associate professor, Department of Clinical Medicine, Chair PhD Day 2023
- Luisa Schertel Cassiano, PhD student, Department of Dentistry and Oral Health, Co-chair 2023

- Anders Etzerodt, Associate professor, Department of Biomedicine
- Annika Haarbye Jensen, PhD administrator, Graduate School of Health
- Bente Pedersen, PhD administrator, Graduate School of Health
- Charlotte Hansen Gabel, PhD student, Department of Public Health
- Fernando Valentim Bitencourt, PhD Student, Department of Dentistry and Oral 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
- Merete Bjerrum, Associate professor, Department of Public Health
- Peter Carøe Lind, PhD Student, Department of Clinical Medicine
- 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

ABOUT THE KEYNOTE SPEAKER

Sarah E. Hill is an award-winning researcher and professor of psychology at Texas Christian University. She is also author of the highly acclaimed book *This Is Your Brain On Birth Control*. As a passionate communicator of science, Sarah has appeared in documentaries for the BBC and Netflix, numerous television broadcasts in the US and the UK, and her book and her research has been covered in media outlets such as *The New York Times*, *The Washington Post*, *Newsweek*, and *The Guardian*. Sarah also holds a number of consulting and advisory board posts for companies seeking to improve outcomes for women.



Photo: Erin Elena of EE Photography

PHD DAY TALK: THE ROAD TO SUCCESS IS PAVED WITH HAPPY ACCIDENTS & FAILURE

Most people assume that the road to a successful research career is linear and paved with accolades and accomplishments. However, success is more often than not the result of resilience and openness to learning from mistakes. In this presentation, I will talk about my own career journey and how my successes have all been built on the shoulders of failure, reflection, and not being afraid to chase after ideas that others told me were a waste of time. I'll also talk about how the future of science depends on all of us having the audacity to ask big questions, embrace failure, and recognize the danger of intellectual inertia. Listeners will walk away with a greater appreciation of their own non-linear path as a scholar and practical tips for encouraging creativity in their science.

SESSION OVERVIEW

Oral sessions
10.35-12.05

Poster sessions
12.50-14.30 and 14.50-16.20

Flash talk sessions
12.50-14.30 and 14.50-16.20

10.35-12.05

Oral session 1:	Lakeside Lecture Theatre, Per Kirkeby Auditorium
Oral session 2:	Lakeside Lecture Theatre, Merete Barker Auditorium
Oral session 3:	Lakeside Lecture Theatre, Jeppe Vontilius Auditorium
Oral session 4:	Lakeside Lecture Theatre, William Scharf Auditorium
Oral session 5:	Lakeside Lecture Theatre, Eduard Biermann Auditorium

12.50-14.30

Poster session 1:	Anatomy (Building 1231), 2 nd floor, Room 214
Poster session 2:	Anatomy (Building 1231), 2 nd floor, Room 216
Poster session 3:	Anatomy (Building 1231), 2 nd floor, Room 220
Poster session 4:	Anatomy (Building 1231), 2 nd floor, Room 224
Poster session 5:	Anatomy (Building 1231), 2 nd floor, Room 228
Poster session 6:	Anatomy (Building 1231), 2 nd floor, Room 232
Poster session 7:	Building 1264, 2 nd floor, Room 209
Poster session 8:	Building 1264, 3 rd floor, Room 310

Flash talk session 1:	Lakeside Lecture Theatre, William Scharf Auditorium
Flash talk session 2:	Lakeside Lecture Theatre, Eduard Biermann Auditorium
Flash talk session 3:	Lakeside Lecture Theatre, Jeppe Vontilius Auditorium
Flash talk session 4:	Lakeside Lecture Theatre, Merete Barker Auditorium
Flash talk session 5:	Lakeside Lecture Theatre, Per Kirkeby Auditorium
Flash talk session 6:	Anatomy (Building 1231), 4 th floor, Small Anatomy Auditorium
Flash talk session 7:	Building 1232/115, Big Anatomy Auditorium

14.50-16.20

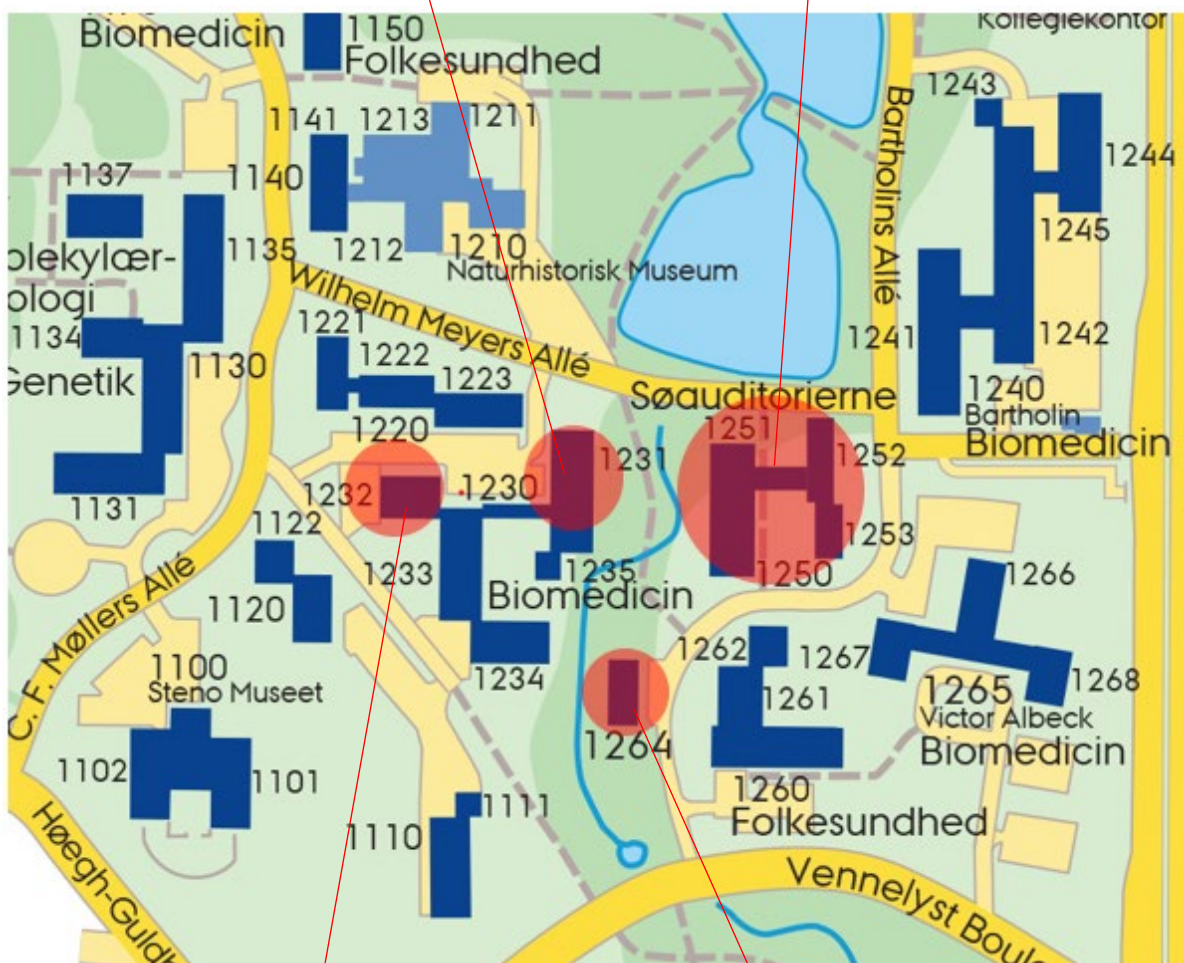
Poster session 9:	Anatomy (Building 1231), 2 nd floor, Room 214
Poster session 10:	Anatomy (Building 1231), 2 nd floor, Room 216
Poster session 11:	Anatomy (Building 1231), 2 nd floor, Room 220
Poster session 12:	Anatomy (Building 1231), 2 nd floor, Room 224
Poster session 13:	Anatomy (Building 1231), 2 nd floor, Room 228
Poster session 14:	Anatomy (Building 1231), 2 nd floor, Room 232

Flash talk session 8:	Lakeside Lecture Theatre, William Scharf Auditorium
Flash talk session 9:	Lakeside Lecture Theatre, Eduard Biermann Auditorium
Flash talk session 10:	Lakeside Lecture Theatre, Jeppe Vontilius Auditorium
Flash talk session 11:	Lakeside Lecture Theatre, Merete Barker Auditorium
Flash talk session 12:	Lakeside Lecture Theatre, Per Kirkeby Auditorium
Flash talk session 13:	Anatomy (Building 1231), 4 th floor, Small Anatomy Auditorium
Flash talk session 14:	Building 1232/115, Big Anatomy Auditorium
Flash talk session 15:	Building 1264, 2 nd floor, Room 209
Flash talk session 16:	Building 1264, 3 rd floor, Room 310

BUILDING LOCATIONS

Anatomy Building
2nd floor: Poster sessions
1-6 and 9-14
4th floor: Flash talk
sessions 6 and 13

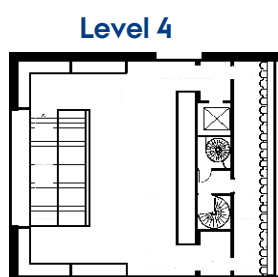
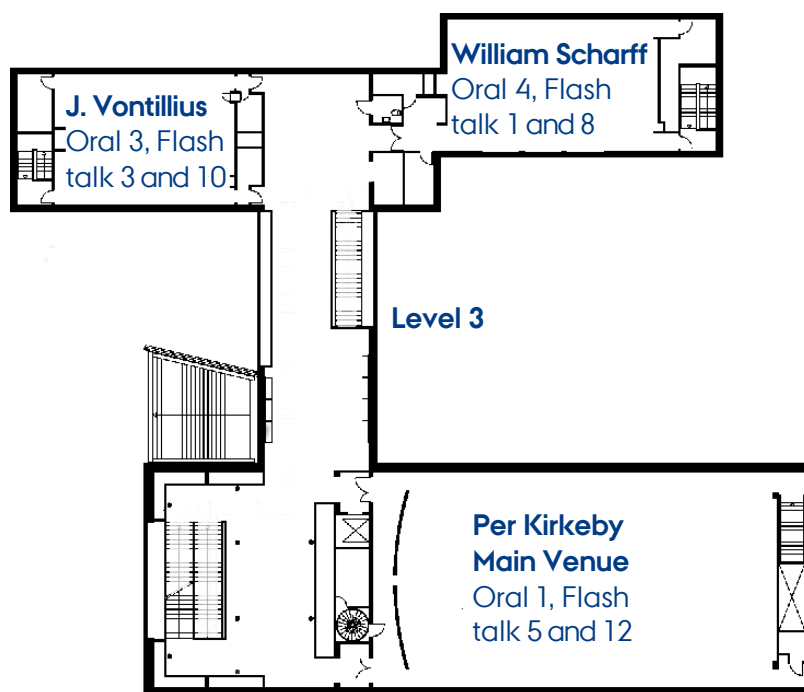
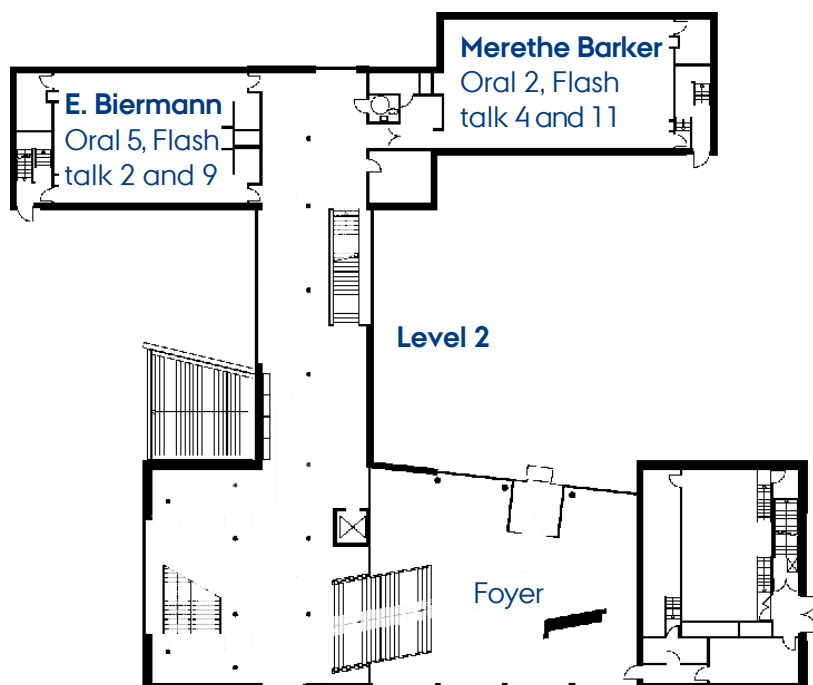
**Lakeside Lecture
Theatres**
Oral sessions 1-5
Flash talk sessions 1-5
and 8-12



Building 1232
Flash talk session 7
and 14

Building 1264
Poster sessions 14-15
Flash talk sessions 14-15

LAKESIDE LECTURE THEATRES



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

- Poster session 1-6 and 9-14
- Flash talk 6 and 13

Big Anatomy Aud. (Building 1232/115)

- Flash talk 7 and 14

Building 1264 (2nd and 3rd floor)

- Poster session 7-8
- Flash talk 15-16

Hey, you!

Do you want to help improve the
PhD education at AU Health?

Then join the PhD Association!

Follow us on Facebook (PhD Association
Health) to be informed about our events!!

All are welcome!



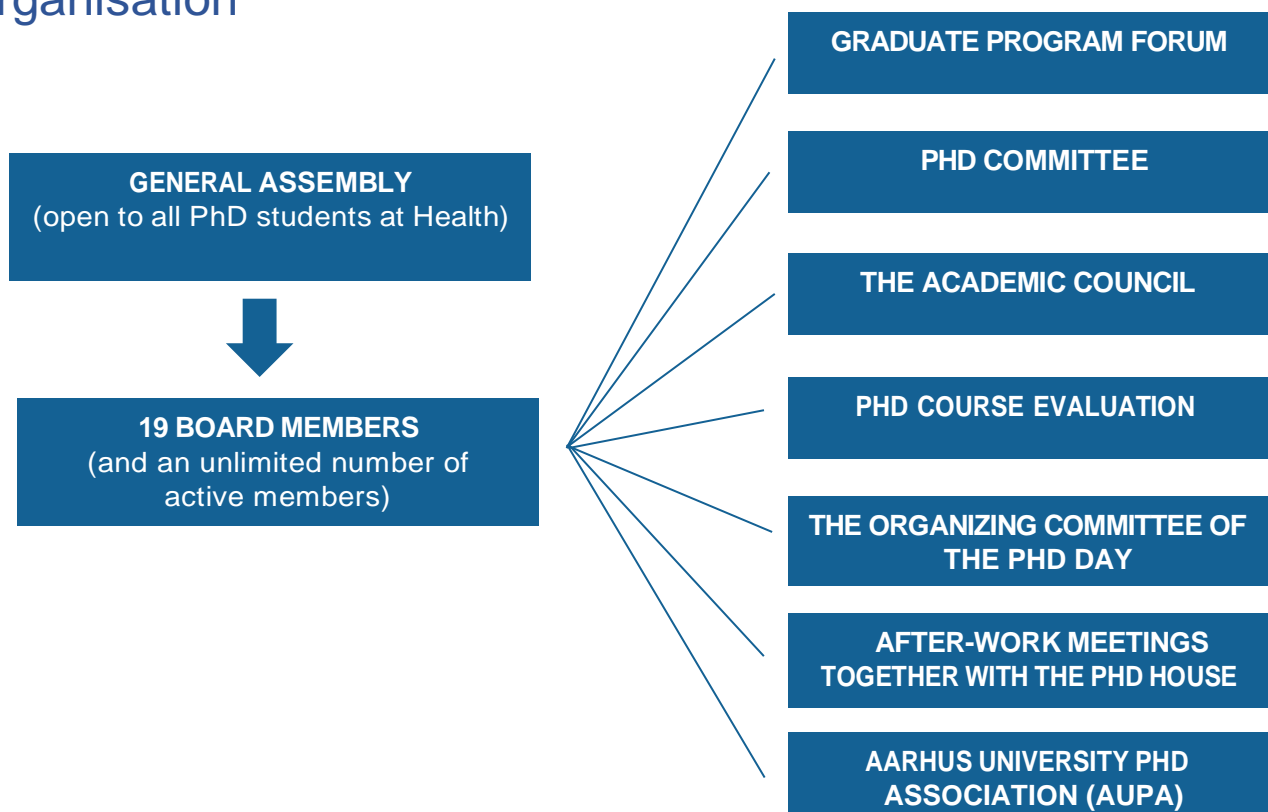
PhD Association

Health, Aarhus University

- Who are we?

The PhD association for all PhD students at the Faculty of Health, Aarhus university

Organisation



We aim to create better education and better conditions for PhD students at the Graduate School of Health

Join us on Facebook at: **PhD Association Health**
or check out our webpage: **phdassociation.dk**

ALL PHD STUDENTS CAN JOIN!

NorDoc

is going to launch its

6th Nordic PhD Summer School

*At Uppsala University and Karolinska Institutet,
16 - 18 August 2023*

Find more information about the Summit **very soon** at the NorDoc website:
<https://www.nordochhealth.net/>

Keep an eye on PhD courses in the NorDoc network

PhD courses at the NorDoc partner institutions is **free of charge** for all PhD students at Health. The graduate school offers **financial support to cover your travel and accommodation costs.**



PhD student counselling

You can reach out to the counsellor if you experience:

- A problem related to your PhD study that remains unsolved after discussions with your supervisor and/or the PhD partner at the Graduate School of Health.
- A problem related to your PhD study where you want to reach out for a discussion with a “third party”.

If help is needed

Both PhD students and supervisors experiencing problems related to the PhD study can

Seek advice

by the PhD counselor Ebba Nexø



e-mail: enexo@clin.au.dk

The service covers PhD students who experience unsolved problems related to their PhD studies and supervisors who wish to discuss a dilemma or a specific case regarding their supervision.

All discussions are confidential, and you are guaranteed anonymity.

For details consult the homepage:

<https://phd.health.au.dk/aboutus/phdstudentcounselling>

AU Career PhD & JR

Career services for PhDs and junior researchers



We provide support and knowledge about non-academic career paths, career development as well as how to transition from academia to industry/public sector jobs.

Our services include:

- Individual career counselling
- Mentor programme
- Career events and workshops
- Website with advice, tools and career path descriptions

As a PhD supervisor, it is increasingly essential to discuss career paths and career development with your PhD students who in many cases seek jobs outside of academia. This can be challenging and we are here to help.

AU Career PhD & JR is a service that you can refer your PhD students to when they have questions regarding careers outside academia.

Contact us if you have any further questions and/or read more: talent.au.dk/career

Vibeke Broe
Ph.D. Career Consultant
Phone: +45 2942 6029
Email: vibr@au.dk

Miriam Kobbersted
Ph.D. Career Consultant
Phone: +45 9352 2564
Email: mkob@au.dk



AU CAREER
PHD & JR



AARHUS
UNIVERSITY

Aarhus University's **Alumni Network**

- A universe of knowledge and relations

Your knowledge matters - stay in touch

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

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DK-8000 Aarhus C
Tel. +45 2265 0073
sundhedsvidenskab.aul@kb.dk

Opening Hours

Monday – Thursday 9 a.m. - 5 p.m.
Friday 9 a.m. - 3 p.m.

library.au.dk



DO YOU NEED FUNDING FOR YOUR RESEARCH?

Research Support Office has collected some of the most **useful tips** on how to write an **effective grant proposal** on our website

www.au.dk/fse

Here you can:

- Find help and advice on how to write your project description and tools to present your CV and budget.
- Sign up for workshops, courses and events and gain knowledge on grant writing, funders etc.

To get started and find relevant funding for your project visit:
www.researchprofessional.com

Technology Transfer Office

Technology Transfer Office (TTO) is your commercial partner at Aarhus University.

We bring your inventions to market

Our services include:

- ✓ IPR protection
- ✓ Business modelling
- ✓ Investor relations
- ✓ Licensing

TTO has **experience with over 1000 inventions filled by employees** and offers a designated commercial contact person for your inventions.

The contact person manages the commercialisation process from initial meetings with industry contacts through to potential final contract.

If you have any questions please contact one of our business development managers.

We are ready to help and support further dialogue.



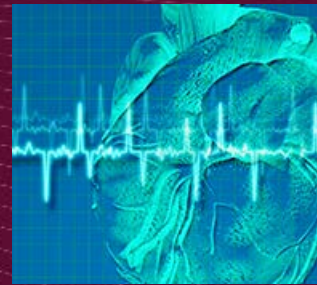
[Au.dk/TTO](https://au.dk/TTO)



[Linkedin.com/company/au-techtrans](https://www.linkedin.com/company/au-techtrans)



AARHUS UNIVERSITY



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

Anja P. Einholm
Network Coordinator
Phone: +4593508408
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 are the most prevalent causes of death worldwide. As a society, we need more knowledge about the correlation between e.g. inflammation and development of autoimmunity and cancer, biomarkers and molecular mechanisms of infectious & inflammatory diseases. In the Inflammation Network, we collaborate across disciplines in order to ask the right questions and to find answers.

We comprise a wide range of researchers with interest in, among others, immune-mediated diseases, diagnostic methods, epidemiological data, inflammatory markers, intracellular immune pathways, human genetics, and the understanding of cell populations and tissue structures. Our steering committee also includes two **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 offers you an opportunity to expand your research network, which may ultimately lead to development of long-lasting professional relationships that your future research projects could benefit from. Researchers of all career stages, including those who are still under education, contribute to the Inflammation Network. **PhD student** Morten Kelder Skouboe, who is member of a research group at Dept. of Biomedicine, says:

"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".

Mark your calendar and sign up!

Our **3rd Inflammation Network Day** is scheduled for March 8th – a day of outstanding talks bridging basic and clinical research in inflammation, infection and autoimmunity. The program features excellent keynotes on infection immunology, the microbiome, tumor immunology, autoimmunity, and numerous talks from junior researchers.



Scan this to read more and register
for 3rd Inflammation Network Day

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

Network vision

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



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



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



Danish Diabetes and Endocrine Academy



Are you an early career researcher within the research fields of diabetes, metabolism and/or endocrinology, and are you seeking funding for your research, world-class educational activities or new collaborations? Then check out the Danish Diabetes and Endocrine Academy.

The Danish Diabetes and Endocrine Academy collaborates with national and international universities, university hospitals, and the life science industry to foster early-career research talent through education and talent development, networking and collaboration, and grants.

The Danish Diabetes and Endocrine Academy offers:

- PhD courses, Postdoc courses and symposia
- Workshops, networking and collaboration activities
- PhD Scholarships, Postdoc Fellowships and Visiting Professorships.

National and international early-career researchers within diabetes, endocrinology, and metabolism will have open and unlimited access to our activities.

You can follow us on Twitter, LinkedIn and Instagram at [Danish Diabetes and Endocrine Academy](#), where you can stay up to date with all the latest news and get to know us better. You can also visit our website ddeacademy.dk and stay updated with our events.



Kind regards,

Tore Christiansen
Managing Director

Danish Diabetes and Endocrine Academy

PHD DAY 2023

CHAIRS AND SESSIONS OVERVIEW



SESSION CHAIRS

FOGH-NIELSEN COMPETITION – 9.40 TO 10.25

Chair: Søren Kragh Moestrup

Co-chair: Luisa Schertel Cassiano

ORAL SESSIONS – 10.35 TO 12.05

Senior chair - name	Oral session
Jakob Christensen	1
Chihiro Nakamoto	1
Christian Wejse	2
Helle Prætorius Øhrwald	2
Claus Gravholt	3
Anne Højager Nielsen	3
Johan Palmfeldt	4
Lisbeth Frostholm	4
Esben Søndergaard	5
Cathrine Hjorth	5

Co-chairs - name	Oral session
Mads Ebbesen	1
Andreas Bugge Tinggaard	2
Omeed Neghabat	3
Ellen Steffensen	4
Stine Høvring Godsk	5

POSTER SESSIONS – 12.50 TO 14.30 AND 14.50 TO 16.20

Senior chairs - name	Poster session
Asif Manzoor Khan	1
Oleguer Plana-Ripoll	2
Lars Rolighed	3
Dorte Rytter	4
Deirdre Cronin Fenton	5
Morten Nørgaard Andersen	6
Cecilie Nørby Lyhne	7

Brita Sørensen	8
Break	
Palle Villesen	9
Sâmia Joca	10
Pall Karlsson	11
Julie Schmidt	12
Rubens Spin-Neto	13
Poul Henning Jensen	14

Co-chairs - name	Poster session
Lene Nyhus Andreasen	1
Marie Bodilsen Nielsen	2
Bjørn Kristensen Fabian-Jessing	2
Rasmus H Gantzel	3
Thorkild Terkelsen	3
Anna Louise Vestergaard	4
Tina Birkeskov Axelsen	4
Johanna Laura Heinz	5
Frederik Holm Rothemejer	5
Mette Pedersen	6
Vivi Just-Nørregaard	7
Lisa Carlson Hanse	8
Break	
Martin Petri Bækby	9
Anne Gaml-Sørensen	9
Katia Soud	10
Lina Bukowski	10
Sarah Bisgaard Olesen	11
Jemila Peter Gomes	11
Cathrine Bang Overgaard	12
Sia Viborg Lindskrog	12
Lau Amdisen	13
Xin Lai	14
Laura Linnea Määttä	14

FLASH TALK SESSIONS – 12.50 TO 14.30 AND 14.50 TO 16.20

Senior chairs – name	Flash talk session
Vivi Schlünssen	1
Jasper Nijkamp	2
Tina Wang Vedelø	3
Cecilia Ramlau-Hansen	4
Christian Vægter	5
Bent Winding Deleuran	6
Zeynep Yilmaz	7
Break	
Stinne Greisen	8
Anna Halling Folkmar Andersen	9
Kristine Raaby Gammelgaard	10
Christiane Gasse	11
Jacqueline Herold	12
Nanna Rolving	13
Renee van Der Sluis	14
Birgitte Mønster Christensen	15
Alma Pedersen	16

Co-chairs – name	Flash talk session
Mikkel Oxfeldt	1
Jakob Wang	1
Camilla Ejlersen	2
Camilla Gaarsdal Uhrbrand	3
Xiaoyu Zhou	3
Anna Sofie Koefoed	4
Karina Binda	5
Karen Maria Juul Sørensen	5
Morten Bjørn Jensen	6
Ankur Razdan	7
Break	
Tine Lauritsen	8
Peter Georgi	8
Mathias Kaas Ollendorff	9
Eleni Kanouta	10
Lasse Knudsen	11

Maiken Bay Ravn	12
Wenfeng Ma	12
Lola Qvist Kristensen	13
Nanna Steengaard Mikkelsen	14
Marie Høst Pahas	14
Jean-Claude Kresse	15
Morten Madsen	15
Lisa Tønning	16
Signe Janum Eskildsen	16

FOGH-NIELSEN COMPETITION – 9.40 TO 10.25

Shokouh Arjmand: Sex, estrous cycle, and ketamine in depression: A path to a novel mechanism of action for ketamine

Cecilie Siggaard Jørgensen: Pathogenesis of enuresis - impact on treatment

Nikolaj Bøgh: Metabolic MR of the brain - from basic shuttles to clinical translation

ORAL SESSIONS – 10.35 TO 12.05

ORAL SESSION 1 – SYSTEMIC DISEASES: BRAIN AND HEART

Anne Behrndtz: Can Helicopters solve the Transport Dilemma for Patients with Symptoms of Large-Vessel Occlusion Stroke in Intermediate density Areas?

Tatyana Fedorova – CANCELLED Evaluation of ¹¹C-donepezil as a biomarker for parasympathetic denervation and possible applications in early Parkinson's disease

Nana Christensen: Repeated measurements of lower leg skeletal muscle perfusion using ¹⁵O-H₂O PET/CT

Thien Vinh Luong: Does a three week ketogenic diet have an impact on whole-body metabolism and cardiac parameters?

Niels Okkels: Distribution of Cholinergic Nerve Terminals in the Elderly Human Brain Measured with [¹⁸F]FEOBV PET

ORAL SESSION 2 – MICROBIOLOGY OTHER SYSTEMIC DISEASES

Vinni Faber Rasmussen: Large fiber-, small fiber- and autonomic neuropathy in adolescents with type 1 diabetes, relative risk factors, and diagnostic ability of bedside tests

Claudia Jaensch: Supporting Self-Regulated-Learning in colonoscopy training - A comparison cohort trial.

Frederik Husum Mårup: Plasma potassium levels and eGFR poorly predict severe hyperkalemia following spironolactone introduction in patients with chronic kidney disease at high risk of hyperkalemia – A cohort study

Lena Rosvig: Improving team performance of severe postpartum haemorrhage using real-life video debriefing

Emilie Hasager Bonde: Impacting the psycho-social work environment: how an organizational-level, workplace-adapted mindfulness-based intervention may affect the social capital and psychological safety. A qualitative content analysis

ORAL SESSION 3 – SYSTEMIC DISEASES: BRAIN AND HEART / MICROBIOLOGY OTHER SYSTEMIC DISEASES

Andreas Nielsen Hald: Understanding the mechanisms of interprofessional collaboration between care professions as the interplay between institutional work and temporal- oriented agency

Anita Dittrich: Metabolic adaptations during heart regeneration in the axolotl salamander

Eva Bølling-Ladegaard: Validation of the Epilepsy Diagnosis and Identification of Drug Resistant Epilepsy in the Danish National Patient Registry

Hjalte Gram: A difference in α -synuclein protein trash in brains affected by Parkinson's disease and multiple system atrophy dictates disease phenotype

Britt Borg: Nationwide register-based cohort study on school performance in children with incontinence compared with matched controls

ORAL SESSION 4 – GENETICS / MOLECULAR BIOLOGY / BONE AND TEETH

Peter Preben Eggertsen: Chasing Biomarkers for Post-Concussion Syndrome: Baseline Data from a Randomized Controlled Trial

Anders Breinbjerg: Genetic variants associated with Childhood Daytime Urinary Incontinence – A genome wide association study

Kristoffer Kjærsgaard:

Effect of the GLP-1 analog Semaglutide on cognitive impairment and metabolic liver function in a rodent model of non-alcoholic steatohepatitis

Line Raunsbæk Knudsen: A qualitative study exploring the patient perspective on web-based patient education in patients with rheumatoid arthritis.

Louise Hermann: Does Cone Beam CT change the treatment plan for maxillary second and third molars?

ORAL SESSION 5 – SYSTEMIC DISEASES: DIABETES AND CANCER

Louise Engelbrecht Buur: Decision coaching preparing patients with kidney failure for making end-of- life decisions: a case study

Jesper Berg Nors: The impact of two decades of multidisciplinary efforts to reduce the risk of recurrence from non-metastatic colorectal cancer - a Danish population-wide registry-study

Kevin Marks: The Strengths and Difficulties Questionnaire Can Predict HbA1c Trajectories in Children and Adolescents with Type I Diabetes: A Population-based Study

Kasper Bonnesen: Impact of hemoglobin A1c level on the association between non-steroidal anti-inflammatory drugs and major adverse cardiovascular events in patients with type 2 diabetes mellitus: a population-based cohort study

Zixiang Wei: Interactive deep-learning for tumour segmentation in head and neck cancer radiotherapy

POSTER SESSIONS – 12.50 TO 14.30

POSTER SESSION 1 – INFLAMMATION - ALLERGY - EAR, NOSE AND THROAT (ENT)

Jonathan Baier: Effect of colchicine on cardiovascular target organ damage - A randomized placebo-controlled trial

Andreas Nielsen: Improved diagnostics of polymyalgia rheumatica using FDG-PET/CT

Emilie Grarup Jensen: Assessment of complement inhibitors for the treatment of Age-related Macular Degeneration

Layla Pohl: Leveraging serial intravital 2-photon microscopy to interrogate autoimmune processes in the spleen

Sofie Fonager – CANCELLED Paragenetic inheritance of autoimmunity and neuropsychiatric sequelae

Kristian Antonsen: Expression of macrophage phagocytosis checkpoints is modulated by cell- polarization

Olivia Wagman: Endothelial IRF3-activation links inflammation and phenotypic changes

Bjarke Hviid-Vyff: ILIT.NU – Documentation of efficacy for intralymphatic allergen immunotherapy in a phase III randomized, parallel group, double blind placebo- controlled multisite field trial

Anne Poder Petersen: A motivation-enhancing webapp to retain participants in a trial

Ali Abdul-Hussein Abood: Prevention of hypoparathyroidism following thyroid surgery by using intraoperative autofluorescence – Preliminary results

Signe Bergliot Nielsen: Head and neck squamous cell carcinoma lymph node metastasis from an unknown primary: a phase-4 population-based cohort study from DAHANCA

POSTER SESSION 2 – PSYCHIATRY, PSYCHOLOGY AND MENTAL HEALTH - NEPHROLOGY - UROLOGY

Anne Søjbjerg: Refinement and Feasibility Testing of an Intervention Targeting Poor Mental Well-being in Patients with Chronic Disease in General Practice

Oskar Jefsen: Identification of prodromal biomarkers of schizophrenia and bipolar disorder using magnetoencephalography

Eva Skovslund Nielsen: Do children and adolescents with functional abdominal pain disorders show cognitive biases towards gastrointestinal related material?

Yifan Tan: Consensus draft of the native mouse podocyte-ome

Judit Prat Duran: A preliminary study of transglutaminases profiling in a chronic kidney disease mouse model after transglutaminase 2 inhibition

Sandra Hummelgaard: The role of PCSK9 in kidney- and cardiovascular diseases

Sarah Kelddal: Causes and prevention of thromboembolic disease in nephrotic syndrome (CAPTAIN)

Camilla Lundgreen Duus: Combined Effects of Potassium, Nitrate and Salt on Blood Pressure in patients with Hypertension (KANSA)

Steffen Flindt Nielsen: Does SGLT2i improve renal hemodynamics? A randomized, double blinded, placebo controlled trial

Ninna Kjær Nielsen: En Bloc Resection vs. Conventional Transurethral Resection of Non-Muscle Invasive Bladder Tumours – a Randomised Clinical Trial

Rikke Vilsbøll Milling: Late effects impact on Quality of Life after treatment for bladder cancer (CONQUER)

POSTER SESSION 3 – GASTROINTESTINAL SURGERY - GASTROENTEROLOGY AND HEPATOLOGY - ANIMAL MODELS/DISEASE MODELS

Luana Domingos: Biomolecular signature of cannabidiol antidepressant effect

Ole Andersen: Effects of β -hydroxybutyrate on fatiguability and recovery in isolated skeletal muscle

Helene Bandsholm Leere Tallaksen: Deciphering the impact of a missing or an extra X chromosome – studies of candidate genes in zebrafish models

Anders Mellemkjær: Dairy Proteins for Non-Alcoholic Fatty Liver Disease

Karen Hesseldal: Module based laparoscopic training as a part of surgical education: a prospective study on surgical trainees

Mikkel Breinholt Kjær: Aptamer biomarkers in non-alcoholic fatty liver disease

Mikkel Lundbeck: Platelet aggregation in colorectal cancer patients undergoing surgical treatment.

Gencer Kurt: Risk of venous thromboembolism in patients with inflammatory bowel disease: a nationwide population-based matched cohort study

Andrea Lund: Extended rat hepatectomy – Regeneration of fatal liver failure? An experimental animal study

Tua Gyldenholm: Perioperative Platelet Aggregation in Oesophageal Cancer Patients

Henrik Lyng Hovgaard – CANCELLED Individualised perioperative blood pressure and fluid therapy in oesophagectomy – a prospective, randomised controlled trial

POSTER SESSION 4 – QUALITATIVE RESEARCH - GYNECOLOGY AND OBSTETRICS

Ina Marie Dueholm Hjorth: Improved diagnosis of ovarian cancer

Emmeli Mikkelsen: Specifically expressed markers in fetal membrane cells; potential biomarkers for Preterm Prelabor Rupture of Membranes

Magnus Leth-Møller: Trans-placental transport of artificial sweeteners

Sarah Bjørnholt: Risk and benefits of a national implementation of Sentinel lymph node mapping in women with low-intermediate risk endometrial cancer- the SENTIREC-endo study.

Marie Anneberg Brahe: Twenty-two-year trends in revision due to periprosthetic joint infection after knee arthroplasty due to osteoarthritis: A Danish nationwide cohort study, 1997-2019

Chloe Saunders: Explanations for functional somatic symptoms across European treatment settings: a mixed methods study

Signe Vogel: Deconstructing the 'Leaky Pipeline'

Camilla Rahr Tatari: 'You are dealing with the bottom here...!' A qualitative study about colorectal cancer screening among vulnerable men at shelters in Denmark

Emma Davidsen: Perceptions and experiences with stigma among Danish women with gestational diabetes: a qualitative investigation

Helen Højgaard: First pill is the hardest to swallow: An evaluation study of how follow-up phone calls support screen-citizens' decision-making about preventive medicine for cardiovascular disease

Tanja Sofie Hansen: The current nutritional- and mobilization care for patients with an exacerbation of chronic obstructive pulmonary disease at pulmonary wards: An observational study

POSTER SESSION 5 – REVIEWS AND META-ANALYSES - INFECTION

Anette Bjerregaard Alrø: Patients' experiences of cognitive impairment following critical illness treated in an intensive care unit: A scoping review

Katrine Bjørnshave Bomholt: Task Shifting in Out-Of-Hours Primary Care – A Review of the Literature

Stine Fjendbo Galili: Low-dose ketamine as an adjunct to opioid analgesics for acute pain management in the emergency department: A systematic review and meta-analysis

Morten Kelder Skouboe: Seroprevalence of autoantibodies against type I interferons in patients with herpesvirus brain infections

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

Jacob Storgaard: Phase 1 proteins in the airway epithelium

Anne-Mette Iversen: Effects of light-guided nudges on healthcare workers' hand hygiene behavior

Tone Rubak: Frail old patients with *Clostridioides difficile* infection: improvement of quality in treatment and care – the CLODIFRAIL study: study protocol for a randomised controlled trial

Kirstine Hymøller: Exploring the innate immune system; C-type lectins and their interactions with patterns of carbohydrate on bacteria

Demi van Der Horst: Nrf2-addiction creates a niche for oncovirotherapy in lung cancer by suppressing antiviral innate immunity

Kristoffer Skaalum Hansen: High-dose coenzyme Q10 therapy versus placebo in patients with post COVID-19 condition: a randomized, phase 2, crossover trial

POSTER SESSION 6 – ONCOLOGY

Priyanshu Sinha: Improving immunotherapy outcome in solid tumor by combining with other established cancer treatments

Mette Brogård: Automated quantification of the proliferation index in tumor tissue

Casper Dueholm Vestergaard: Tissue-specific range uncertainty estimation in proton therapy

Imaiyan Chitra Ragupathy: Energy calibrated images using Medipix3 for high resolution fresh frozen breast tumor imaging

Pernille Thordal Larsen: Incidence of colorectal cancer and advanced adenomas at surveillance colonoscopy in the Danish FIT-based screening program: A nationwide register-based cohort study

Asta Mannstaedt Rasmussen: Bayesian inference of spatio-temporal miRNA activity

Marie Beck Enemark: Proteomic profiling identifies high-risk follicular lymphoma patients with subsequent histological transformation already at the time of diagnosis

Kasper Kjærgaard: The Impact of Type 2 Diabetes on Complications after Primary Breast Cancer Surgery: a Danish population-based cohort study

Sofie Tilbæk: Strategies for robust evaluation of proton therapy for high-risk prostate cancer patients in a randomized clinical trial

Rikke Kongsgaard Rasmussen: Lipid nanoparticle-mediated delivery of CRISPR/Cas9 for precise depletion of subpopulations of tumor associated macrophages in ovarian cancer

Demet Özcan: Association between tumor immune response and risk of recurrence in breast cancer patients treated with radiotherapy

POSTER SESSION 7 – PAEDIATRICS - PUBLIC HEALTH - RESPIRATORY SYSTEM

Amanda Paust: Temporal perspectives on inequitable medical care: a field study of the annual chronic care consultation in general practice

Charlotte Tornøe Ekkelund Nørholm: Testing Care and Morality: An ethnographic study of test practices during Covid-19 in Denmark

Maja Thøgersen: Does a family-based health promoting intervention in the first year after birth impact the growth of infants exposed to gestational diabetes in pregnancy?

Anne Dorte Lerche Helgestad: Acceptability of an intervention to increase participation in cervical and colorectal cancer screening among women attending breast cancer screening

Maiken Meldgaard: Health literacy and related behaviour among pregnant women with obesity: a qualitative interpretive description study

Kathrine Synne Weile: Patient-Reported Diagnostic Pathways in Children with a CNS Tumor in Denmark

Dalia Karzoun: Associations between prenatal findings and pre- and postnatal outcomes in Danish children with Congenital Pulmonary Malformation

Rasmus Møller Jørgensen: 10 years follow-up after community-based lifestyle interventions for children with obesity - a retrospective cohort study

Søren Lomholt: Fibroblasts in juvenile idiopathic arthritis - ready, set, explore!

Malthe Jessen Pedersen: Psychiatric morbidity among children with juvenile idiopathic arthritis – a matched cohort study

Sandra Langsted: Lack of thoracentesis competencies and training in Danish Emergency Departments: A Danish Nationwide Study

Søren Sperling: Pulmonary function twelve months after hospitalization with SARS-CoV-2

POSTER SESSION 8 – CARDIOVASCULAR SYSTEM

Gregory Wood: Automated, machine-learning derived software performs as well as a human investigator for determining the cardiac rest period in Cardiac Magnetic Resonance Angiography

Jonathan Nørtoft Dahl: Non-invasive detection of coronary ischemia; Use myocardial perfusion imaging (PET) or estimated blood flow by computed tomography (CT-QFR)?

Anders Pedersen: Prognostic implications of residual left ventricular hypertrophy and systolic dysfunction in aortic stenosis following transcatheter aortic valve replacement.

Anders Dahl Kramer: Cardiac CT Following Watchman FLX Implantation: Device Related Thrombus or Device Healing?

Jacob Seefeldt – CANCELLED 3-hydroxybutyrate improves cardiac and mitochondrial function during heart transplantation.

Maja Fuhlendorff Jensen: Molecular and physiological mechanisms behind anion-exchanger AE3- mediated regulation of the QT interval

Diana Sharysh: Cross-species comparison of the smooth muscle cell lineage in atherosclerotic plaques

Simon Madsen: Myocardial Perfusion Imaging by ^{15}O -H $_2\text{O}$ Positron Emission Tomography Predicts Clinical Revascularization Procedures in Symptomatic patients with previous CABG

Julie Axelsen: Right ventricular diastolic adaptation to pressure overload in different rat strains

Katrine Berg: Mitochondrial Function after Normothermic Regional Perfusion or Direct Procurement followed by Hypothermic Machine Perfusion in Heart Transplantation after Circulatory Death

Salma Raghad Karim: Guiding Catheter Extubation During Physiological Assessment of Coronary Stenosis: Effect on Pressure, Flow and Clinical Decision Making

POSTER SESSIONS – 14.50 TO 16.20

POSTER SESSION 9 – EPIDEMIOLOGY AND BIOSTATISTICS

Jannik Wheler: Prescription use of Proton Pump Inhibitors and Colorectal Cancer recurrence and Mortality: a Danish Population-based Cohort Study

Pernille Gro Thrane: Improved survival after ST-segment elevation myocardial infarction during 15 years of primary percutaneous coronary intervention as a national strategy

Philip Vestergaard Munch: Performance of the race-free CKD-EPI creatinine-based estimated glomerular filtration rate (eGFR) equation in a Danish cohort with chromium- 51-EDTA clearance measurements

Marie Mathilde Christensen: Prevalence of peripheral and cardiovascular autonomic neuropathy in Greenland based on national normative reference data

Christian Skødt Antoniussen – CANCELLED Pre-and post-diagnostic consumption of red and processed meat and risk of mortality after colorectal cancer diagnosis: a prospective observational study and meta-analysis

Henrik Schou Pedersen: Psychometric testing in Danish general practice – Variation and

association with patient treatment

Mette Sæby: Fracture Risk in Patients with Anorexia Nervosa: A 40-year-cohort-study

Nadia Roldsgaard Gadgaard: Comorbid diseases as prognostic factors for infection after surgery for hip fracture: a population-based cohort study among 87,593 patients

Lina Muenker: Developmental course of Functional Somatic Symptoms (FSS) from pre- to late adolescence and associated internalizing psychopathology

Frederik Pagh Kristensen: Hyperinsulinemic type 2 diabetes and polyneuropathy in a Danish cohort

Anna Melgaard: Endometriosis: Consequences of delayed diagnosis

POSTER SESSION 10 – BASIC NEUROSCIENCE

Pia Boxy: The role of single-chain SorCS2 in cerebellar development and connectivity: implications for motor and cognitive function

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

Rasmus West Knopper – CANCELLED Locus coeruleus: the master switch for brain health?

Vitalii Dashkovskiy: Non-classical GABAergic cortical neurons and neurovascular coupling in healthy and Alzheimer's Disease model mice

Ole Borup Svendsen: Structural and functional aspects of the transmembrane protein, slitrk5, role in developing OCD-similar behavior

Gemma Fernández Rubio: Brain mechanisms underlying recognition of simple and complex musical sequences

Jannick Maesen: Uptake Capacity of a Putative Bacterial Serotonin Transporter

Elnaz Fazeli: elucidating phosphorylation-related regulatory mechanisms that govern retromer-dependent trafficking of sorla

Johannes Bech Steinmüller: Quantitative gait analysis as motor assessment in translational porcine models of neurological disorders

Ole Ahlgreen: Satellite glial cell heterogeneity

POSTER SESSION 11 – MEDICAL TECHNOLOGY AND DIAGNOSTIC TECHNIQUES - MOLECULAR METABOLISM AND ENDOCRINOLOGY - GENETIC ENGINEERING

Simon Bøggild Hansen: Glucocorticoids and circadian rhythms from bedside to bench

Camilla Blunk Brandt: Highly efficient and selection-free CRISPR gene editing in human primary endothelial cells with ribonucleoprotein complex

Lotte Lina Nielsen: The effect of alginate encapsulated supplements on recovery, performance and health

Anders Stouge: Understanding Muscular Deficits of Diabetic Myopathy

Amanda Bæk: Mechanisms of growth hormone-induced fibrosis in human adipose tissue

Mathias Thygesen: Diffusional kurtosis MRI as a possible predictor of outcome in spinal cord injury

Nichlas Christensen: Hyperpolarized ¹³C NMR for metabolic fingerprinting of leukemia cancer as a potential marker in diagnostics and treatment evaluation

Ludvig Renbo Olsen: Cross-dataset cancer detection from cfDNA fragment coverage correlations with DNase 1 Hypersensitivity sites across 248 cell & tissue types

Thomas Wisbech Skov: Genetic therapy of GATA2 deficiency based on allele-specific genome editing

Maya Pedersen: Chimeric antigen receptor (CAR) T-cells targeting FLT3-positive acute myeloid leukemia (AML)

POSTER SESSION 12 – ONCOLOGY

Saga Elise Eiset: Cancer risk in ectodermal dysplasia and isolated congenital tooth anomalies

Kim Hochreuter: Does data curation matter in deep learning segmentation? Clinical vs edited GTVs in glioblastoma.

Ester Ellegaard Sørensen: How does natural genomic structural variation influence colorectal cancer if it develops?

Rasmus Klitgaard: A method to explore dose and LET for normal tissue response studies in large proton therapy cohorts

Christina Truelsen: Quality of life by patient-reported outcomes in patients with locally advanced rectal cancer receiving modern neoadjuvant radiotherapy

Christoffer Trier Månsson: Cell-free chromatin immunoprecipitation can determine tumor gene expression in lung cancer patients

Simone Stensgaard: Monitoring of circulating tumor DNA from EGFR-mutated advanced non-small cell lung cancer patients treated with first-line osimertinib

Nadine Vatterodt: Proof-of-concept: Novel CBCT-based adaptive robust optimization in sinonasal cancer proton therapy

Folefac Charlemagne Asonganyi: Rationale for combining stereotactic radiation and hyperthermia

Gustav Alexander Poulsgaard: Sequence dependencies and mutation rates of localized mutational processes in cancer

POSTER SESSION 13 – DENTISTRY - WORK ENVIRONMENT AND ORGANISATION - OTHER

Cristina R Exposto: Prevalence and Burden of Painful Temporomandibular Disorders in the Danish National Birth Cohort

Pernille Rikvold: Semi-automated planimetric quantification of dental plaque using an intraoral fluorescence camera

Fernando Valentim Bitencourt: Effect of Dyslipidemia on Periodontitis: Findings from NHANES III

Jane Lauridsen: Workplace intervention among pregnant hospital employees - a protocol of a cluster randomized trial

Karoline Kærsgaard Hansen: Exposure levels of dust, endotoxin, and microorganisms in the Danish recycling industry

Mette Amalie Nebsbjerg: Use of video in telephone contacts at out-of-hour general practice - a register-based study

Suzanne Olivia Foster Vander Elst: How Do Music Tempo and Dance Experience Affect Leading and Following in Salsa Dancing?

Stig Holm Ovesen: Effect of a Point-Of-Care Ultrasound-Driven vs Standard Diagnostic Pathway on 24-Hour Hospital Stay in Emergency Department Patients with Dyspnea (POCUS PATHWAY) — Study Protocol for a Randomized Controlled Trial

Yixin Lin: Constructing a pipeline for calling SNPs from deep, targeted cfDNA-seq data

Maria Vlachou: Progressive slowing of clonic phase predicts postictal generalized EEG suppression.

POSTER SESSION 14 – CLINICAL NEUROSCIENCE - REHABILITATION

Jasper Carlsen: Proteomes of the Tg-SwDI Murine Model of Alzheimer's Disease

Helga Haahr-Lillevang: Biomarkers of disease activity in Chronic Inflammatory Demyelinating Neuropathy

Alberte Seeberg: Rhythm perception and experience of groove in cochlear implant users

Uwe M. Pommerich: Mortality after discharge from post-acute comprehensive inpatient rehabilitation following moderate to severe acquired brain injury – an overall prognosis study

Peter Kolind Brask-Thomsen: Neuropathic pain in diabetic polyneuropathy

Miriam Højholt Terkelsen: Cholinergic alterations in the pedunculopontine nucleus of patients with Parkinson's disease treated with spinal cord stimulation for gait problems.

Ida Stisen Fogh-Andersen: Treatment of chronic cluster headache with burst and tonic occipital nerve stimulation; a case series

Maja Husted Hubeishy: Development of an implementation strategy in collaboration with physiotherapists and chiropractors - A user involvement study

Susanne Lillelund: Feasibility testing Robotic technology (ROBERT®) as an intervention to enhance muscle strength in very weak muscles in inpatient rehabilitation after spinal cord injury

Tobias Gæmelke: The consolidating effect of multiple sclerosis and advanced age diminishes neuromuscular function in older people with multiple sclerosis

FLASH TALK SESSIONS – 12.50 TO 14.30

FLASH TALK SESSION 1 – PUBLIC HEALTH- QUALITATIVE RESEARCH – SOCIO-ECONOMIC CONDITIONS – EPIDEMIOLOGY AND BIOSTATISTICS

Anitha Tind: Mind the gap! Incorporation of the social determinants of health in home care nursing - a quest for health equity and social justice.

Stina Bollerup: Implementing telehealth at a national scale in Denmark

Theresa Møller Kynde: Working life exposome, lung function, and obstructive lung disease among men and women

Marie Hauge Pedersen: Patient-perceived treatment burden and associated factors in the Danish adult population

Amanda Marie Somer Christesen: Inequality in prenatal care participation in Denmark

Mojdeh Mansoori: Dietary quality in adolescents as a risk factor for painful temporomandibular disorder in young adult members of the Danish National Birth Cohort

Morten Daniel Jensen: Time-trends in cholangiocarcinoma incidence – a Danish nationwide cohort study

Thomas Valsamidis: Obsidian in anastomotic healing after rectal cancer resection: Preliminary results of a prospective clinical feasibility study

Mathias Klarlund: To coordinate or not to coordinate: Social bias effects on musical communication.

Sarah Cecilie Tscherning: Improving guidance for researchers to engage patient partners in the research process

Iben Strøm Darfelt: Do we have time for End-of-Life care, in Danish Intensive Care Units (ICUs)?

Ida Bergholdt Jul Christiansen: Associations between General Practitioner factors and video

use in out-of- hours General Practice – A register-based study

Kristin Allergodt: Identification and development of a rehabilitation intervention to ensure adherence to life-long follow-up for patients with Myotonic dystrophy type 1 (DM1).

FLASH TALK SESSION 2 – MEDICAL TECHNOLOGY AND DIAGNOSTIC TECHNIQUES – DENTISTRY – HEALTH EDUCATION AND SIMULATION-BASED TRAINED

Marjolein Le: Method for regular calibration of small point detector in brachytherapy

Mattias Hedegaard Kristensen: Study protocol: Hyperpolarized ^{129}Xe Magnetic Resonance Imaging in Diagnosing Progressive Pulmonary Fibrosis

Mette Haldrup Jensen: ACTIVE study – use of active fluid exchange to treat intraventricular hemorrhage

Amalie Asmind Rosendal: From Training to Clinic: Future Performance of Thoracentesis

Akila Aiyar: Improving patient care for Hemifacial microsomia patients.

Anika Kofod Petersen: Automated use of 3D data in forensic odontology identification

Katrine Johansen: MAGNETIC RESONANCE IMAGING IN THE DIAGNOSIS OF PERIAPICAL AND PERIODONTAL DISEASE: SYSTEMATIC REVIEW

Anne Kraushaar Martensen: Gastrointestinal stimulation as a treatment of paralytic ileus following extensive surgery for peritoneal metastases (STIMULATE) - A prospective blinded randomized controlled clinical trial

Uffe Kjærgaard: Study Protocol: Predicting Small Hepatocellular Carcinoma Lesions Non-Invasively with Hyperpolarized MRI

Rupan Ralf Paramasivam: Laser Speckle Contrast Imaging for perioperative quantification of intestinal microcirculation

Louise Schmidt Grau: Dorsal genital nerve stimulation for the treatment of faecal incontinence and overactive bladder

Lene Holst Andersen: Optimizing communication with older patients at ward rounds: A scoping review

Jesper Staulund: Assessing the quality of donor kidneys during normothermic machine perfusion using nanoparticle-based vitality sensors

FLASH TALK SESSION 3 – PAEDIATRICS- GYNECOLOGY AND OBSTETRICS – PUBLIC HEALTH

Josefine Tang Rørbech: “Nursing interventions for paediatric oncology patients and their families: A scoping review protocol”.

Caroline Bækmann Jeppesen: Function and dysfunction of the autonomic nervous system in Neuronal Ceroid Lipofuscinosis type 3

Marie Tholstrup Philipsen: Bifidobacterium Infantis to newborns: Effects of modulating the gut microbial composition on infections and inflammatory conditions

Mette Vestergård Pedersen: Perinatal asphyxia and long-term neurodevelopmental outcome

Michella Bjerregaard: A Mixed Methods Study of a Nurse Led Intervention based on couplet care to Support Zero Separation In A Neonatal Intensive Care Unit

Simon Horsholt Thomsen: Detection of mosaicism using optical genome mapping

Nanna Svensson: Next-generation effects of vitamin D supplementation in pregnancy

Sonja Izquierdo Meyer: Late pulmonary adverse effects and pulmonary function in children and adolescent survivors of acute lymphoblastic leukemia (ALL-STAR Lungs)

Anders Schram: Simulation training of emergency situations in pediatrics: A controlled intervention project

Pernille Bach Steen: The trajectory of stress from adolescence to young adulthood

Sofie Sejer Skoubo: My Avatar – Equal mobility in education for children and adolescents with neuromuscular diseases in Scandinavia using telepresence robots

Catalina Hartmann Skovsgård: Informational needs concerning family planning and pregnancy in patients with atopic dermatitis and specific worries regarding pregnancy

Peter Lægdsmand: Linear Energy Transfer Distributions for Pencil Beam Scanning of Pediatric Brain Tumors

FLASH TALK SESSION 4 - GYNECOLOGY AND OBSTETRICS - UROLOGY

Karen Marie Albrecht Olesen – CANCELLED Anticoagulant treatment and thromboembolic events prior to renal cell carcinoma: Impact on stage at diagnosis and postoperative prognosis

Karen Omann Binderup: Utility of DNA methylation for risk-stratification of women aged ≥ 45 referred for colposcopy

Katharina Skovhus Prior: Comprehensive Geriatric Assessment for perioperative optimization in cystectomy – A national randomized study (COMPETENCE)

Ane-Kersti Skaarup Knudsen – CANCELLED iMproving thE Diagnostics And Treatment Of ceRvical precancer - the MEDIATOR study

Cecilie Møller Rønfeldt: Ultrasound measurements in pregnancies complicated by T2DM - Can we optimize the prediction of children at risk?

Dina Overgaard Eriksen: Risk of anogenital human papillomavirus-related precancer and cancer in women undergoing active surveillance of cervical intraepithelial neoplasia grade

Eske Glud: Multicenter Study for Evaluation and Development of New Liquid Biomarkers for Early Detection of Prostate Cancer

Nina Nordtorp Deacon: Symptoms, side effects and immediate functional outcome following transurethral surgery of bladder tumours

Ninna Lund Larsen: Insulin resistance in gestational diabetes mellitus

Sine Jacobsen: Vaginal laser therapy for genitourinary syndrome in breast cancer survivors

Solvej Videbæk: MoveMOM: Are mothers less physically active than their childless peers? A register-based cross-sectional study in Denmark

Stine Birkebæk: Intraoperative clonidine for postoperative pain management in patients undergoing surgical treatment for endometriosis: a prospective, double-blind, randomised controlled trial

FLASH TALK SESSION 5 – BASIC NEUROSCIENCE – CLINICAL NEUROSCIENCE

Anna Rønneft Bomholt Poulsen: The neuroanatomy and connectivity of the Göttingen minipig ventral capsule/ventral striatum

Kristyna Safrankova: The role of SorCS1 in neuronal activity, learning, and memory

Andreas Gammelgaard Damsbo: Predicting drop in post stroke physical activity

Anna Bystrup Jacobsen: Neurophysiological biomarkers for early diagnosis of ALS

Camilla T. Erichsen: Mechanisms behind cognitive symptoms in schizophrenia

Emil Peters: Autonomic neuropathy in type 2 diabetes patients with and without diabetic polyneuropathy

Line Amalie Hellemose: Prevalence of dizziness and vestibular dysfunction in patients with persistent post-concussion symptoms: a cross sectional study

Matti Bock Guldager: Can new fast-acting drugs solve the puzzle of the involvement of serotonin in the mechanism of action of antidepressants?

Signe Mikkelsen: The effect of aging on hippocampal hemodynamics

Sigrid Breinholt Vestergaard: Intravenous Thrombolysis and Risk of Post-Stroke Dementia. A Nationwide Propensity Score Matched Cohort Study.

Jacob Drachmann: Regional changes in retinal blood flow during increased blood pressure

Pelle De Deckere: The neural mechanisms underlying affective responses to sound

Johanne Aarup Lauritsen: Investigating alpha-synuclein pathology using novel antibodies against oligomeric alpha-synuclein

FLASH TALK SESSION 6 – DERMATOLOGY - OTHER

Tobias Stemann Lau: N-terminal Pro-Brain Natriuretic Peptide as a Predictor for Detection of Carcinoid Heart Disease in Patients with Neuroendocrine Tumors

Rikke Nicoline Stokholm: Defining and measuring knowledge in cancer screening – is there a need for new information materials?

Laura Krogh Herlin: Ectodermal Dysplasias in Denmark: Identification and characterization of a nationwide cohort

Cathrine Elgaard: Screening of psoriasis patients for psoriatic arthritis

Maria Danielsen: Pilot Study on High-Plex Spatial RNA Profiling to Reveal Cell Type-Specific Biomarker Expression at Initial Diagnosis in Patients with Advanced Stage Mycosis Fungoides

Yumi Chokyu Del Rey: Visualization of carbohydrate components of the dental biofilm matrix by fluorescence lectin-binding analysis (FLBA)

Sissel Due Jensen: Communication on obesity-related health and illness in primary care: An applied anthropological approach to strengthen respectful and person- centered weight communication.

Ida Marie Marquart Løber: The death clock: Biomarkers and models of time since death in humans from metabolomics data

Lukas Ridder: Comparative and temporal analysis of epigenetics and transcriptomics in patients with sex chromosome aneuploidies

Kathrine Bohn Faldborg: A study in healthy volunteers to improve methods for detection of GHB in drug rape victims

Laura Stenbro: Cervical Range of Motion and Pericranial Total Tenderness Score in Post-Concussion Syndrome

Laura Andersen: Developing tumor agnostic approaches to define tumor biology from ctDNA at diagnosis, during treatment and surveillance

FLASH TALK SESSION 7 – EPIDEMIOLOGY AND BIostatISTICS

Kirsten Woolpert: Group-based trajectories of endocrine therapy adherence and risk of recurrence among premenopausal breast cancer patients

Anne Juhl Nielsen: Establishment of a regional cohort of 768,083 individuals with a first time Vitamin D blood result between 2000 and 2020

Anne Sofie Baymler Lundberg: The patterns of health care utilisation and cross sectional care fragmentation in patients with type 2 diabetes

Bayan Sardini: How effective is mammography screening on the reduction of breast cancer mortality among breast cancer survivors?

Malene Lykke: Neonatal invasive Group-B Streptococcus disease and long-term risk of epilepsy – a population-based cohort study.

Elisabeth Solmunde: Low-dose aspirin prescriptions and breast cancer recurrence: a Danish nationwide cohort study with up to 23 years of follow-up

Fie Langmann: Legume consumption for hepatobiliary and cardiometabolic health

Lisbeth Mølgaard Laustsen: The role of social relationships in the association between mental disorders and mortality – a population-sampled cohort study

Nicoline Stidsen: Thiamine against chronic rheumatoid arthritis fatigue

Ina Grønkjær Laugesen: Underuse of oral anticoagulant treatment among patients with atrial fibrillation and variation between Danish general practices: a register-based cohort study

Jesper Medom Vestergaard: Myocardial infarction incidence rates among night workers in the Danish health care sector: exposure-response relations

Ulrik Bak Kirk: Contacts in general practice during the COVID-19 pandemic: a register-based study

FLASH TALK SESSIONS – 14.50 TO 16.20

FLASH TALK SESSION 8 – ONCOLOGY

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

Simon Nyberg Thomsen: Dosimetric consequences of intra-fractional motion for stereotactic treatment of central lung lesions

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

Nanna Kristjánsdóttir: Exploring the biomarker potential of the T cell receptor repertoire in bladder cancer patients

Nina Lykkegaard Gehr: OxaNeuro - Prevention of oxaliplatin-induced peripheral neuropathy – a randomized controlled trial.

Oliver Kjærlund Hansen: Identifying signatures of k-mers in indels with non-negative matrix factorization

Jakob Holsting: Detection of cancer with fragment breakpoint motifs

Johannes Frøsz Sørensen: Gene Therapy for Core-Binding Factor Acute Myeloid Leukemia with t(8;21)(q22;q22.1) – A PhD Study

Stine Bogetofte Thomassen: Overall survival amongst patients with neurofibromatosis type 1 and malignant peripheral nerve sheath tumor

Vanaja Kumarasegaram: Outpatient laser ablation of large recurrent non-muscle invasive bladder cancer- OPTIMA

Villads Lundsteen Jacobsen: Boron as a Radiosensitizer in Proton Therapy: In-vitro Cell Irradiation and Monte Carlo Simulations

FLASH TALK SESSION 9 – ANIMAL MODELS/DISEASE MODELS – CELL BIOLOGY

Kristian Savstrup Kastberg: The requirements for a self-reactive B cell clone to initiate autoimmune disease

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

Emil Winkel: Automatized image segmentation of forensic, biomedical, and biological cases.

Frederik Skov: Adaptation and function of liver sinusoidal endothelial cells in obesity

Louise Bendixen: Expanding the CRISPR interference toolbox for targeted transcriptional regulation and in vitro transcribed mRNA delivery

Tobias Wang Bjerg: A novel cancer therapy using genetically modified plasmacytoid dendritic cells

Mikkel Dahl-Jessen: Spatial proximity based induced chromosomal rearrangements in the human genome using CRISPR/Cas9

Adriano Chaves: Autophagy as an underlying mechanism for Cannabidiol effects on human microglia

Anders Tobias Frederiksen – CANCELLED Water tank phantom for proton in vitro studies: A proof of concept.

Yan Hu: The novel role of the phosphatidylinositol 3-kinase complex I for autophagy in *Saccharomyces cerevisiae*

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

FLASH TALK SESSION 10 – ONCOLOGY

Karolina Klucznik: Real-time dose reconstruction in radiation therapy accounting for independent 6DoF motion of prostate and lymph node targets

Kasper Grooss: Cancer recurrence in general practice: diagnostic interval and one-year mortality

Anders W. Mølby Nielsen: Intrafractional dose coverage of the internal mammary nodes in high-risk breast cancer patients

Klara Lannig: STING modulation & radio-immunotherapy treatment of malignancies

Anja Gouliaev Kirkeby: Validation of data in the Danish Lung Cancer Registry

Asbjørn Kjær: Characterizing the impact of the T-cell repertoire on the clinical outcome of bladder cancer

Carmen Oroperv: A reference-free strategy for detecting circulating tumor DNA

Line Kristensen: FLASH radiotherapy - the effect of dose rate in pre-clinical experiments

Emil Leth Lauridsen: Genetic reprogramming of cancer cells to induce anti-tumoral responses

Fanny Asmussen: Infection and risk of late breast cancer recurrence: A Danish population-based cohort study

Louise Elkjær Fløe: Cancer Patients with Pre-existing Severe Mental Disorders (CASEMED) - Development and pilot test of a Collaborative care model

FLASH TALK SESSION 11 - PSYCHIATRY, PSYCHOLOGY AND MENTAL HEALTH

Julie Løye Hejl: Mind the Heart - Lived experiences of parents to children with congenital heart disease and mental health issues

Astrid Becker-Larsen: Mental health of generation Z female athletes

Astrid Ibsen Bruun: The impact of workload on burnout in Danish general practitioners – a combined survey and register-based study

Charlotte Duholm: Specific contamination symptoms are associated with experiencing a limited response of cognitive-behavioral therapy in pediatric patients with OCD

Christine Leonhard Birk Sørensen: Social inequality in depressive symptoms among Danish 15-year-olds in two longitudinal cohort studies.

Danni Chen: The role of socioeconomic status on the association between mental disorders and mortality: a systematic review

Ellen Bjerre-Nielsen: A new experimental approach to examine cognitive biases for gastrointestinal related stimuli – A first test on healthy children and adolescents

Maria Louise Jöhnk: Mobile app-assisted behavioural treatment (MA-BT) in Children and Adolescents with an impairing tic disorder.

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

Stinne Eika Rasmussen: Problem-solving therapy for patients with coronary heart disease and poor mental well-being in general practice

Laura Omann: Mental Health Status of People Living with HIV in Rwanda

FLASH TALK SESSION 12 – CARDIOVASCULAR SYSTEM

Maria Bolther Pøestik: Ventilation Strategies During General Anaesthesia for Non-Cardiac Surgery: A Systematic Review and Meta-Analysis

Lise Filt Jensen: Biochemical regulation of NF- κ B-signaling in human vascular smooth muscle cells

Christina Shen-Zhuang Nielsen: Assessing cerebral blood flow following ischemia-reperfusion in a rodent model of acute ischemic stroke

Gitte Stokvad Brix: Improvement of risk stratification by incorporation of cardiovascular genomics and proteomics into existing pre-test probability models

Louise Bjerregaard: Treatment effects of Bisoprolol and Verapamil in symptomatic patients with non-obstructive hypertrophic cardiomyopathy

Christel Gry Aagren Nielsen: Oximetry guided versus traditional rapid deflation technique for achieving hemostasis after radial procedures - A randomised study

Anne Mohr Drewes: Use of nonsteroidal anti-inflammatory drugs and cardiovascular risk in patients with documented coronary artery disease

Katrine Dorn Brodersen: Prognostic impact of COVID-19 infection and vaccination on myocardial infarction survival

Alexandra Amalie Uglebjerg: Coronary Atherosclerotic High-Risk Plaque and Stenosis Detection using Magnetic Resonance Imaging

Henrik Bjerre: Risk of errors in pacemakers and ICDs during out-of-field proton beam therapy in an in vitro setting

Peter Carøe Lind: Why do patients develop in-hospital cardiac arrest?

FLASH TALK SESSION 13 – CARDIOVASCULAR SYSTEM

Nadia Iraqi – CANCELLED Influence of Intensive Lipid lowering with statin and ezetimibe prescription on Computed Tomography Derived Fractional Flow Reserve in Patients With Stable Chest Pain. The FLOW-PROMOTE study

Jacob Hartmann Søby: PERFORM-CCS (PERfusion estimation For Optimal Revascularisation and Medical therapy in Chronic Coronary Syndrome – protocol for a randomised trial)

Søren-Haldur Bülow Rasmussen: Coronary stent edge segments as determinant of clinical outcomes. An OCTOBER trial substudy

Thomas Skaarup Godsk: Safety and effectiveness of direct oral anticoagulants following percutaneous coronary intervention in patients with atrial fibrillation

Mohab Basem Abdallah: Influence of cholesterol levels on the cardiovascular risks associated with use of NSAIDs after myocardial infarction

Julie Stengaard Brewer: Fibrinolysis in sepsis patients in the intensive care unit: new biomarkers

Casper Homilius: Low pH inhibits K⁺-induced vasorelaxation in coronary but not cerebral arteries

Anne Louise Jensen: Bicarbonate sensing improves cardiac perfusion and protects against ischemia and inflammation

Lise Lykke: The influence of neuropeptides on tone regulation of porcine retinal arterioles in vitro

Malene Kærslund Hansen: Determining residual risk conferred by non-HDL and remnant cholesterol in patients with statin-treated coronary heart disease

Didde Kidmose Kristensen: Will SGLT2-inhibition improve vascular function in patients with type 2 diabetes and chronic kidney disease? A double-blinded, randomized, placebo-controlled crossover trial

FLASH TALK SESSION 14 – INFECTION – GENETIC ENGINEERING

Marvin Werner: Damage-limiting immune mechanisms in HSV brain infections

Cecilie Siem Bach-Nielsen – CANCELLED Lipid-Nanoparticle delivery of human mRNAs encoding anti-viral genes for protection of host airway epithelial during Influenza A and Sars-CoV2 infections

Majbritt Jeppesen: Change in pulmonary infections 12 months after elxacaftor/tezacaftor/ivacaftor introduction: Results from the Danish National Cystic Fibrosis Cohort

Emma Falling Iversen: Developing a bispecific Knob-in-Hole recombinant protein for efficient HIV killing

Fredrikke Dam Larsen: Vaccination of immunocompromised patients against COVID-19

Qian Liu: The role of cross-talk in functional amyloid formation

Jonas Holst Wolff: Treating primary immunodeficiencies by prime editing in human CD34⁺ hematopoietic stem cells

Vibeke Klastrup: Small intact HIV-1 proviral DNA reservoir and potent HIV-specific CD8 T cell responses (the SAPPER study) – a recipe for post-treatment control?

Sujan Ravendran: A universal CRISPR/Cas9 gene editing approach as a definitive cure for DOCK8 immunodeficiency syndrome

Victor Næstholt Dahl: Nontuberculous mycobacteria in immigrants in Denmark through 31 years

Xiangning Ding: Single-cell transcriptome reveals key regulator in mouse brain stem in the defence against HSV1 infection

FLASH TALK SESSION 15 – MOLECULAR METABOLISM AND ENDOCRINOLOGY – NEPHROLOGY – ANIMAL MODELS/DISEASE MODELS

Camilla Mains Balle: Estrogen replacement therapy in women with Turner syndrome

David Haldrup: Effects of extensive Weight loss on Insulin resistance and Lipid-kinetics in people with obesity, fatty liver disease and type 2 Diabetes - The WILD study

Emma B. Johannsen: Dissecting the Genetics of Non-Obstructive Azoospermia – A Study of Male Factor Infertility

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

Thomas Stax Jakobsen: The Role of Sortilin in Diabetic Retinal Neurodegeneration

Mathias Hänel: Changes in peripheral volumetric bone mineral density and microarchitecture in patients with established Rheumatoid Arthritis

Frederik Søholm Gillesberg: Subtyping patients with chronic inflammatory diseases: the importance of tissue remodeling and identification of treatment responders

Mai-Britt Skadborg: Insulin Resistance and Statin Treatment in Renal Transplant Recipients and Patients with Chronic Kidney Disease

Maria Chrysopoulou: Isotope-guided metabolomics for the analysis of kidney arginine metabolism

Sidse Høyer: Temporal changes in incidence of acute kidney injury among children

Pernille Duedahl: Ex-vivo TNF α inhibition of Donor Kidneys during Normothermic Machine Perfusion

FLASH TALK SESSION 16 – ORTHOPEDIC SURGERY – OTHER

Laura Houstrup Matthiesen: Should we use corticosteroid in Percutaneous Needle Fasciotomy for Dupuytren's Contracture? – A protocol for a multicenter randomized controlled trial

Ida Marie Melsen: Time trends in the use of opioids for elderly patients undergoing hip fracture surgery in 1997-2018: a population-based cohort study

Niels Holm: Prevalence Of Dehiscence Of The Internal Carotid Artery In Patients With Eustachian Tube Dysfunction

André Sejr Klensø: Impact of socioeconomic status and its interaction with sex, age and comorbidities on the opioid use after total hip arthroplasty for osteoarthritis

Martin Bækgaard Stisen: Effect of an exercise intervention targeting hip strengthening in patients undergoing revision total hip replacement - Study protocol for a multicenter, randomized controlled trial (The Strong Hip Trial)

Tine Rasmussen: Is vitamin B12 malabsorption a late side effect in patients undergoing surgery for colorectal cancer?

Anette Viftrup: Reduction of emotional and physical harm after surgery cancellation – Development, feasibility testing and evaluation of a complex intervention.

Malene Blumenau Pedersen: Prehabilitation in prostate cancer patients undergoing nerve sparing robot assisted radical prostatectomy – The TelePrehabTrial

Chenghao Gu – CANCELLED Outcome and complications in external ventriculostomy drainage in intraventricular hemorrhage patients, what we need to know

Helle Christiansen: Reduction of musculoskeletal pain among abdominopelvic surgeons

Sara Ellegaard Andreasen: Faecal microbiota transplantation for first or second Clostridioides difficile infection (EarlyFMT): a randomised, double-blind, placebo-controlled trial

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