

# DCAcademy Summer Meeting 2025



22 - 24 June 2025

Storebælt Sinatur Hotel & Konference  
Østerøvej 121  
5800 Nyborg

Sunday, 22 June 2025

## Young investigator day

09:30 - 10:15 **Arrival and coffee**

10:15 - 10:30 **Welcome**  
Prof. Thomas Jespersen, Executive Training Director, DCAcademy

10:30 - 10:45 **Meet & Greet**  
Pernille Højvang Nielsen, Course Manager, DCAcademy

## Parallel Masterclasses

10:45 - 12:00 **Pharmacology Masterclass I**  
Professor Mette Rosenkilde, University of Copenhagen

12:00 - 12:45 **Lunch**

12:45 - 14:00 **Pharmacology Masterclass II**  
Assoc. Professor Jørgen Kanters, University of Copenhagen

14:00 - 14:15 **Break / Check-in / change for activities**

14:15 - 16:00 **Outdoor activities**  
Stand-up-paddle, bow & arrow, guided mountainbike tour and outdoor fitness

16:15 - 18:00 **Masterclass continued: Case studies and group work**

18:00 - 20:00 **Dinner**

## Evening session

*Chair: Thomas Jespersen*

20:00 - 20:45 **Sudden cardiac death in forensic medicine**

Medical Specialist in Forensics, Kristine Boisen Olsen, University of Copenhagen

20:45 - 23:00 **Networking**



Monday, 23 June 2025

07:00 - 08:30 Breakfast, optional morning run, ocean dip

08:30 - 09:30 **Presentation of group work (parallel)**

**Arrival of PI's & senior researchers**

09:30 - 09:45 **Welcome to Scientific Programme**  
Prof. Thomas Jespersen, Executive Training Director, DCAcademy

**Session 1 Emerging Therapeutical Technologies**

*Chairs: Jørgen Kanters*

09:45 - 10:05 **Title TBA**  
Assoc. Prof. Brian Løgstrup, Aarhus University

10:05 - 10:10 **Discussion**

10:10 - 10:30 **Has AI reached clinical usefulness in cMRI?**  
Professor Inga Voges, University Hospital Schleswig-Holstein

10:30 - 10:35 **Discussion**

10:35 - 10:55 **Title TBA**  
Associate Professor Dmitry Postnov, Aarhus Universitet

10:55 - 11:00 **Discussion**

11:00 - 11:10 **Abstract presentation (6+3)**

11:10 - 11:35 **Break**

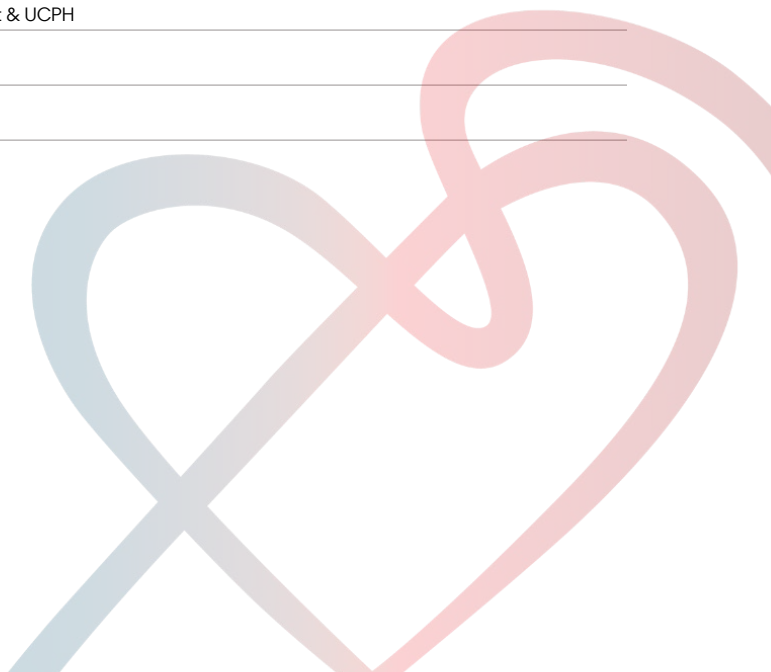


**Session 2****Parallel session**

	<b>Emerging Technologies (AI)</b> <i>Venue: Flintholm</i> <i>Chairs: Adam Hulman &amp; Claus Graff</i>	<b>Pharmacology (Vascular)</b> <i>Venue: Sandholm</i> <i>Chairs: Daniel Ketelhuth &amp; Christina Christoffersen</i>	<b>Aging &amp; Stiffness (Clinical Imaging)</b> <i>Venue: Langesand</i> <i>Chairs: Bjørn Strøjer Larsen &amp; Flemming Javier Olsen</i>
11:35 - 11:55	11:35 - 12:05 <b>An FDA-approved prediction algorithm that turned out to be The Emperor's New ML Clothes</b> Assoc. Prof. Simon Tilma Vistisen, Aarhus University	<b>Metabolic control of vascular function</b> Prof. Elena Osto, Medical University of Graz	<b>Age-Related Changes in Tissue Stiffness: Insights from Magnetic Resonance Elastography</b> PhD student Johannes Castelein, University Medical Center Groningen
11:55 - 12:00	Discussion	Discussion	Discussion
12:00 - 12:20		<b>The evolving landscape of targets for lipid lowering: from molecular mechanisms to translational implications</b> Prof. Giuseppe Danilo Norata, Università degli Studi di Milano	<b>TBA</b>
12:20 - 12:25	12:10 - 12:40 <b>Generative and Explainable AI in Cardiovascular Disease Management</b> Assist. Prof. Chang Sun, Maastricht University	Discussion	Discussion
12:25 - 12:45		<b>TBA</b>	<b>Cardiac Function in Ageing assessed by Echocardiography</b> Assoc. Prof. Gowsini Joseph, University of Copenhagen
12:45 - 12:50	Discussion	Discussion	Discussion
12:50 - 13:00	<b>Abstract presentation (6+3)</b>	<b>Abstract presentation (6+3)</b>	<b>Abstract presentation (6+3)</b>
13:00 - 14:00	<b>Lunch</b>		

**Session 3 Pharmacology - gaps in treatment***Chairs: Ulrike Muscha Steckeling & Peter Søgaard*

14:00 - 14:20	<b>Hypertension in Women</b> Professor Eva Gerdt, University of Bergen
14:20 - 14:25	Discussion
14:25 - 14:45	<b>HFpEF</b> Associate Professor Vanessa van Empel, University of Maastricht
14:45 - 14:50	Discussion
14:50 - 15:10	<b>Atrial Fibrillation</b> Professor Dominik Linz, Cardiovascular Research Institute Maastricht & UCPH
15:10 - 15:15	Discussion
15:15 - 15:25	<b>Abstract presentation (6+3)</b>



<b>Session 4 Poster session</b>  6 groups, 48 posters Venue: 1st floor  15:25 - 16:45 <i>Chairs: TBA</i>
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3 min. Presentations + 2 min. Q&A

<b>Session 5</b>  <b>Emerging Technologies (Vascular)</b> <i>Venue: Flintholm</i> <i>Chairs: Ylva Hellsten &amp; Jacob Bentzon</i>	<b>Parallel session</b>  <b>Pharmacology (Molecular/Cardiac)</b> <i>Venue: Sandholm</i> <i>Chairs: Jens Cosedis &amp; Sam Riahi</i>	<b>Aging &amp; Stiffness (Preclinical)</b> <i>Venue: Langesand</i> <i>Chairs: Arnela Saljic &amp; Anke Fender</i>
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16:45 - 17:05	<b>Kidney flow imaging</b> Assoc. Prof. Charlotte Mehlén, University of Copenhagen	<b>Treatment of HFrEF</b> TBA	<b>Nuclear imaging to identify arrhythmia substrate after myocardial infarction</b> Postdoc. Dylan Vermoortele, KU Leuven
17:05 - 17:10	Discussion	Discussion	Discussion
17:10 - 17:30	<b>Cracking the Calcium Code: Optimizing Complex Coronary Interventions with Intravascular Lithotripsy (The Randomized BALI Trial)</b> MD. Andreas Torp Kristensen, Copenhagen University Hospital	<b>Treatment of amyloidosis</b> Prof. Steen Hvitfeldt Poulsen, Aarhus University	<b>Title TBA</b> Scientist Elisavet Angeli, Nordic Bioscience
17:30 - 17:35	Discussion	Discussion	Discussion
17:35 - 17:55	TBA	<b>Treatment of HCM</b> MD. Anne Mette Dybro, Aarhus University	<b>Fibrosis in AF: A systematic animal study review</b> MSc Student Rikke Marion Knudsen, University of Copenhagen
17:55 - 18:00	Discussion	Discussion	Discussion
18:00 - 18:10	<b>Abstract presentation (6+3)</b>	<b>Abstract presentation (6+3)</b>	<b>Abstract presentation (6+3)</b>

18:10 - 18:20 **Group photo**

18:20 - 18:30 **Refreshments**

### Award Ceremony

*Chair: Professor Christian Aalkjær, Executive Managing Director, DCAcademy*

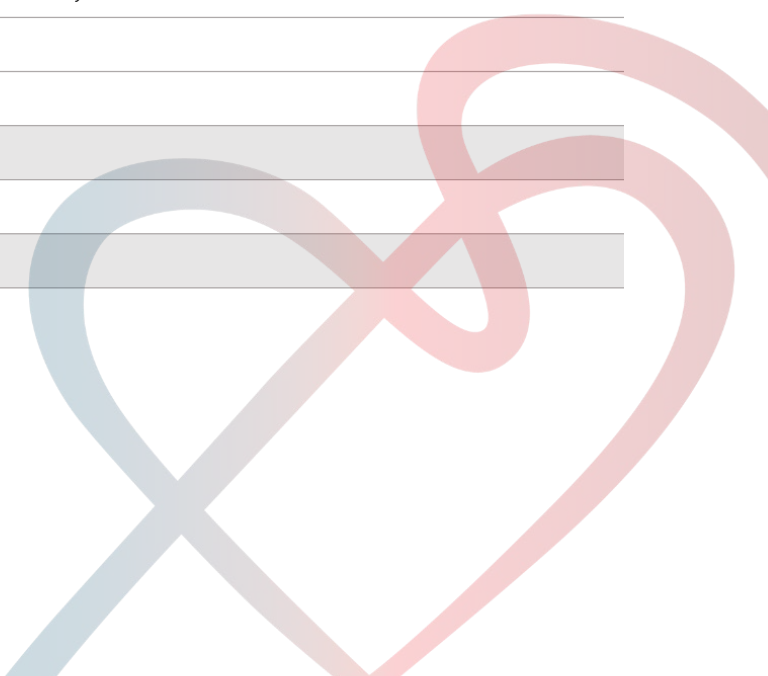
18:30 - 18:45 **DCAcademy Rising Star Award**

18:45 - 19:10 **DCAcademy Lifetime Achievement Award**

19:10 - 20:30 **Dinner**

20:30 - 21:00 **Sankt Hans bonfire**

21:00 - 22:30 **Posters & Refreshments**



Tuesday, 24 June 2025

07:00 - 08:30 Breakfast, optional morning run, ocean dip

**Session 6 Global Health**

*Chairs: Leonardo Savassi & Helena Domiguez*

08:30 - 08:50 **The Brazilian health system governance for cardiovascular disease – The role of the National Institute of Cardiology**  
Prof. Aurora Issa & MD Viviane Belídio, National Institute of Cardiology Hospital, Brazil

08:50 - 08:55 Discussion

08:55 - 09:15 **Palliative care in cardiovascular disease**  
Mariana Borges, Homecare Director, Ministry of Health, Brazil

09:15 - 09:20 Discussion

09:20 - 09:35 Break

**Session 7 Emerging CV imaging Techniques**

*Chairs: Ronald Borra & Johannes Castelein*

09:35 - 09:55 **Imaging Myocardial Microvascular Reactivity with BOLD MRI**  
Associate Professor Ronald Borra, University of Groningen

09:55 - 10:00 Discussion

10:00 - 10:20 **Cardiac PET – Focus on immune system and fibrosis**  
Professor Frank Bengel, Hannover Medical School

10:20 - 10:25 Discussion

10:25 - 10:45 Break

**Session 8**

**Parallel session**

	Emerging Technologies (Cardiac) <i>Venue: Flintholm</i> <i>Chairs: Alireza Rezaniakolaei &amp; Majid Khazaei</i>	Pharmacology (Endothelial Cell Metabolism) <i>Venue: Sandholm</i> <i>Chairs: Ulf Simonsen &amp; J. David Symons</i>	Aging & Stiffness (Vascular) <i>Venue: Langesand</i> <i>Chairs: Charlotte Mehlin &amp; Jane Stubbe</i>
10:45 - 11:05	<b>Intracardiac energy harvester for leadless pacemaker battery charging</b> Prof. Sam Rishi, Aalborg University Hospital & Assoc. Prof. Alireza Rezaniakolaei, Aalborg University	<b>Title TBA</b> Prof. Ingrid Fleming, Goethe University	10:45 - 11:15 <b>The sound of aging: probing vascular brain health with functional ultrasound imaging</b> Assist. Prof. Stefano Tarantini, University of Oklahoma
11:05 - 11:10	Discussion	Discussion	Discussion
11:10 - 11:30	<b>New pacing modes and types of implantable cardioverter-defibrillators to treat heart rhythm disorders. Ready for widespread use?</b> Prof. Jens Cosedis Nielsen, Aarhus University	<b>Title TBA</b> Prof. Sebastiano Sciarretta, Sapienza University of Rome	11:20 - 11:50 <b>EVA in the kidney microcirculation</b> Assoc. Prof. Karolina Kublickiene, Karolinska Institute
11:30 - 11:35	Discussion	Discussion	
11:35 - 11:55	<b>Aortic Phlex – A novel aortic annuloplasty ring for aortic valve repair</b> Postdoc. Mariam Noor, Aarhus University	<b>Crosstalk Between Metabolic and Immune Pathways in Regulating Vascular Biology</b> Assoc. Prof. Joanna Kalucka, Aarhus University	
11:55 - 12:00	Discussion	Discussion	Discussion
12:00 - 12:10	<b>Abstract presentation (6+3)</b>	<b>Abstract presentation (6+3)</b>	<b>Abstract presentation (6+3)</b>
12:10 - 13:00	<b>Lunch</b>		

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**Keynote speech**

*Chair: Prof. Dominik Linz*

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13:00 - 13:45 **Cardiogenic shock**  
Professor Christian Hassager, Chief Physician, Rigshospitalet & Academic Leader, Technical University Hospital

13:45 - 14:00 **Break**

**Session 9 Inequality in CVD trajectories: Understanding and intervening**

*Chair: Maria Kristiansen & Raphael Guimaraes*

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14:00 - 14:10 **Introduction**  
Professor Maria Kristiansen, University of Copenhagen

14:10 - 14:40 **The HeRTA project**  
PhD student Ida Pedersen Halvorsen, Copenhagen University Hospital - Frederiksberg

14:40 - 15:10 **DEFACTUM**  
Researcher Caroline Mejdahl, Central Denmark Region

15:10 - 15:40 Discussion

15:40 - 16:00 **Poster and Presentation awards & Closing remarks**

*Prof. Christian Aalkjær, Executive Managing Director, DCAcademy*

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