



Danish
Cardiovascular
Academy

DCAcademy Summer Meeting 2022

2nd - 4th June 2022

Venue

Storebælt Sinatur Hotel & Konference
Østerøvej 121, 5800 Nyborg
Denmark

Meeting Fee

The meeting is free of charge - late cancellation fee of 1,000 DDK

Registration

<https://dcacademy.dk/summer-meeting>

<https://phdcourses.dk/Course/90539>

PhD students must also sign up at www.phdcourses.dk

Join the DCAcademy Summer Meeting

Gain insight into recent advances within cardiovascular research network and be inspired by fellow researchers.

Have the opportunity as a young researcher to present your project on the first day.

Registration deadline: 15th of May 2022

Submission deadline abstracts: 9th of May 2022

Programme

Thursday 2nd June 2022 - aimed at younger researchers, PhD students and Postdoctoral Fellows

09:00-09:30	Arrival and coffee
09:30-09:45	Welcome - outline of the day Executive Directors of DCAcademy Prof. Christian Aalkjær and Prof. Thomas Jespersen
09:45-10:00	Meet and greet
Training session I	Impostor Syndrome Chair: Postdoc. Arnela Saljic, UCPH, Course Manager Xenia Kessler, DCAcademy
10:00-10:45	Rethinking Impostor Syndrome - Workshop part I Carmen Manea, Leadership and Team Coach, CM-CAMP
10:45-10:50	Break
10:50-12:30	Rethinking Impostor Syndrome - Workshop part II Carmen Manea, Leadership and Team Coach, CM-CAMP
12:30-14:00	Lunch / Check-in
14:00-16:00	Outdoor activities Choose between SUP, MTB or Garden Games
Training session II	Career Chair: Prof. Thomas Jespersen, DCAcademy, Course Coordinator Marie Bach Sjøgaard, DCAcademy
16:00-16:30	What are industries looking for?
16:30-17:00	The Novo Nordisk Foundation 2022 Funding Strategy Senior Vice President Henrik Sillesen, Senior Vice President The Novo Nordisk Foundation
17:00-17:30	Break
17:30-18:30	Career speed mentoring

18:30-19:30	Break (poster mounting)
	Dinner
19:30-20:00	Pre-dinner drinks and networking
20:00	BBQ dinner at the roof top

Friday 3rd June 2022

07:00-08:00	Morning exercise (optional) Guided run in the surroundings (07:00-07:30), ocean dip (07:30)	
07:30-08:30	Breakfast	
08:30-08:45	Welcome - outline of the day Executive Directors of DCAcademy Prof. Christian Aalkjær and Prof. Thomas Jespersen	
Session I	Acute Cardiac Arrest Chair: DMSc. Prof. Henrik Kjærulf Jensen (AU) DMSc. Prof. Jakob Møller (OUH/RH) PhD student Carl Johann Hansen (UCPH)	
08:45-09:05	<i>Out-of-hospital cardiac arrest in the pre-hospital settings: current research and opportunities</i> MD, Postdoc Carolina Malta Hansen, RH & Copenhagen Cardiovascular Research Center	
09:05-09:25	<i>In-hospital treatment of out-of-hospital cardiac arrest</i> DMSc, Prof. Christian Hassager, Senior Consultant, Chair of The Danish Heart Foundation	
09:25-09:45	<i>Invasive treatment in cardiac arrest</i> DMSc, Prof. Christian Juul Therkelsen, AU	
09:45-10:05	<i>Large animal models of VF in AMI</i> Postdoc Anniek Frederike Lubberding, UCPH	
10:05-10:30	Coffee - energizer	
Session II	Parallel session: Basic Research Chair: Assoc. Prof. DMSc Vladimir Matchkov (AU) Postdoc. Arnela Saljic (UCPH)	Parallel session: Clinical Research Chair: DMSc, Prof. Jacob Eifer Møller (OUH/RH), DMSc, Prof Christian Torp-Pedersen (UCPH)
10:30-10:50	<i>Calmodulin variants provoking cardiac arrhythmias</i> Prof. Michael Toft Overgaard, AAU	<i>Inherited heart disease in cardiac arrest</i> DMSc, Prof. Jacob Tfelt Hansen, RH, UCPH
10:50-11:10	<i>Plasma proteomics in cardiovascular diseases</i> Associate Prof. Hans Christian Beck, Region Syd	<i>Percutaneous coronary intervention guided by coronary physiology</i> Consultant, Ass. Prof PhD, Ashkan Eftekhari, AAUH
11:10-11:30	<i>Cardiac proteomics insights into regul. proc. in heart</i> Prof. Alicia Lundby, UCPH	<i>Cardiogenic shock – how can animal studies contribute?</i> Senior Consultant, Prof. Hanne Berg Ravn, Region Syd
11:30-11:40	<i>Cerebral injury and metabolism 48 hours after cardiac arrest – a porcine experimental study (abstract O1)</i> Lauge Vammen, PhD student, AU/AUH	<i>Association of High-sensitive Troponin T with Clinical Events in Patients with Asymptomatic Mild-to-moderate Aortic Stenosis: A Post Hoc Substudy of the SEAS Trial (abstract O4)</i> Edina Hadziselimovic, PhD Student, BUH
11:40-11:50	<i>The ketone body 3-hydroxybutyrate increases cardiac output through afterload reduction and not through increased left ventricular contractility (abstract O2)</i> Nigopan Gopalasingam, PhD student, AU	<i>Preoperative diastolic dysfunction determined by waveECG is associated with complications after acute abdominal surgery (abstract O5)</i> Christoffer V. Madsen, PhD student, Bispebjerg-Frederiksberg Hospital
11:50-12:00	<i>Temperature affects metabolism and cardiac regenerative ability in vivo and ex vivo in the axolotl salamander heart (abstract O3)</i> Anita Dittrich, PhD Student, AUH	<i>Increased circumferential deformation predicts cardiac events when left ventricular ejection fraction is normal (abstract O6)</i> Kristoffer Grundtvig Skaarup, PhD student, Herlev & Gentofte University Hospital
12:30-13:30	Lunch	
Sessions III	Innovation in Medicine Chair: Prof., Senior Cardiologist, Sam Rishi (AAU), PhD student Daniel Fyenbo (AUH)	
	Part I : Atrial Fibrillation	
13:30-13:50	<i>Development and status on pharmacological treatment of AF</i> Prof., CSO, Morten Grønnet, Acesion Pharma	
13:50-14:10	<i>Development of interventional treatment of AF</i> Senior Consultant, PhD Niels Sandgaard, OUH	
14:10-14:30	Q&A / pros and cons discussion	
14:30-14:45	Break	
	Part II : Biomedical Engineering Innovation	
14:45-15:05	<i>Experimental Cardiovascular Biomechanics</i> Assoc. Prof. Peter Johansen, Dept. Electrical and Computer Engineering - Biomedical Engineering, AU	
15:05-15:15	<i>Novel Annuloplasty Ring for Aortic Valve Repair</i> Postdoc Mariam Abdi Noor, Dep. of Cardiothoracic and Vascular Surgery, AU	
15:15-15:25	<i>Dissociation between two-dimensional and three-dimensional echocardiography - clinical implications</i> Filip Lyng Lindgren, PhD Student, AAUH	
15:25-15:30	Q&A	
Poster session	Poster session Chair: MD DMSc Per Lav Madsen (UCPH) Assoc. Prof. Helena Domínguez (UCPH) Assoc. Prof. Peter Johansen (AU) Prof. Michael Toft Overgaard (AAU) Assoc. Prof. Charlotte Mehlin Sørensen (UCPH) Assoc. Prof. Ashkan Eftekhari (AAU), Assoc. Prof. Vladimir Matchkov (AU) Assoc. Prof. Tom Jepps (UCPH) Assoc. Prof. Rozh Al-Mashhadi (AU) Assoc. Prof. Ivy Susanne Modrau (AU) Princ. Scientist Lasse Skibsbye (Lundbeck) Prof. Christian Aalkjær, DCAcademy	
15:30-17:00	Poster viewing, coffee and snacks	

Plenary session	The Future of Scientific Publishing Chair: DMSc. Prof. Lars Køber, Rigshospitalet (UCPH) DMSc., Prof. Christian Torp-Petersen (AAU)
17:00-18:15	<i>Prof. Brant Isakson, Editor-in-Chief, Journal of Vascular Research</i>
18:15-18:30	Break
Award session	DCAcademy Lifetime Achievement Award Chair: Prof., Executive Managing Director Christian Aalkjær
18:30-19:00	Award ceremony: 2022 DCAcademy Lifetime Achievement Award
19:00-21:00	Dinner
21:00-??	Bonfire & drinks by the ocean

Saturday 4th June 2022

07:30-08:30	Morning exercise (optional) Guided run in the surroundings (07:30-08:00), ocean dip (08:00)	
08:00-09:00	Breakfast	
Sessions IV	Insights into Vascular Disease Chairs: Prof. Ebbe Bødtjær (AU) Prof. Executive Managing Director Christian Aalkjær	
09:00-09:30	<i>Hemoglobin: it's not just for red cells anymore</i> Prof. Brant Isakson, University of Virginia, US	
09:30-09:50	<i>Genetic superheroes carry key information to prevention of cardiovascular disease</i> Prof. Mette Nyegaard, AAU	
09:50-10:00	Energizer	
10:00-10:20	<i>Potential new targets to treat hypertension</i> Associate Prof. Tom Jepps, UCPH	
10:20-10:40	Coffee break	
Sessions V	Methodology in Vascular Disease	
	Parallel session: Basic Research Chair: Assistant Professor Julián Albarrán-Juárez (AU), Postdoc. Anniek Lubberding (UCPH)	Parallel session: Clinical Research Chair: Prof. Gunnar Gislason, Scientific Director, The Danish Heart Foundation, MD PhD Anders Berg Wulff, Herlev & Gentofte Hosp.
10:40-11:00	<i>Cerebrovascular regulation in health and disease</i> Associate Prof. Vladimir Matchkov, AU	<i>Clinical outc. less-invasive coronary bypass surgery</i> Associate Prof. Ivy Susanne Modrau, AU
11:00-11:20	<i>Visualizing the Renal Microvasculature in Rats: Super-Resolution Imaging with Ultrasound</i> Associate Prof. Charlotte Mehlin Sørensen, UCPH	<i>Non-invasive Vascular Imaging</i> Associate Prof. Rozh Al-Mashhadi, AUH
11:20-11:30	<i>Somatic mutations reveal clonal cell populations in atherosclerotic plaques</i> Postdoc Lasse Bach Steffensen, SDU	<i>Risk stratification parameters as assessed by continuous long-term cardiac monitoring in pulmonary hypertension -heart rate variability, heart rate, and physical activity (abstract O8)</i> Mads Ørbæk Andersen, PhD student, UCPH
11:30-11:40	Break	
Session VI	Co-Morbidities and the Vasculature	
	Parallel session: Basic Research Chair: Associate Prof. Tom Jepps (UCPH) Postdoc. Laura Alonso-Herranz (AU)	Parallel session: Clinical Research Chair: TBA, Postdoc. Freja Bach Kampmann (Region H)
11:40-12:00	<i>Mechanisms and consequences of metabolic blood flow regulation in the brain</i> Prof. Ebbe Bødtjær, AU	<i>Causal contribution of high LDL-cholesterol and high glucose to micro- and macrovascular diseases</i> Prof. Marianne Benn, Rigshospitalet, UCPH
12:00-12:20	<i>Effects of risk factors in endothelial dysfunction</i> Prof. Ulf Simonsen, AU	<i>Combination treatment with GLP-1ra and SGLT-2i in type 2 diabetes: Effects on cardiovascular function</i> Prof. Per Løgstrup Poulsen, Steno Diabetes Center Aarhus
12:20-12:30	<i>Dynein coordinates β-adrenoceptor-mediated relaxation in normotensive and hypertensive rat mesenteric arteries (abstract O9)</i> Jennifer van der Horst, PhD student, KU	<i>Risk of Acute Myocardial Infarction, Stroke and Thromboembolism Following COVID-19 Vaccination Compared to Testing Positive for SARS-CoV-2: A Nationwide Cohort Study (abstract O11)</i> Mats Højbjerg Lassen, PhD student, KU
12:30-12:40	<i>Effect of an allosteric transglutaminase 2 inhibitor on endothelium-dependent vasodilatation in rat renal arteries and resistance arteries from young and old patients with and without diabetes (abstract O10)</i> Khatera Saii, PhD student, AU/AUH	<i>The effect of vitamin K2 supplementation on coronary artery disease in a randomized multicenter trial</i> Selma Hasifc, PhD student, OUH
12:40-13:30	Lunch	
Keynote session	Keynote session Chair: Prof., Executive Managing Director Christian Aalkjær	
13:30-14:10	<i>The Future of Cardiovascular Medicine</i> Keynote speaker: Prof. Thomas Lüscher	
14:10-14:25	Prize ceremony Best oral presentation - best poster	
14:25-14:30	Closing remarks	
14:30-15:00	DCAcademy Business Coffee (optional)	