

Program

33rd Annual Geilo Meeting on Cardiovascular and Thoracic Research 2025

THURSDAY, 6 FEBRUARY 2025

DAY 1

2:00 PM – 2:15 PM **Arrival and Registration**

2:15 PM – 2:30 PM **Welcome**

Peter Johansen, President of the Geilo Meeting

2:30 PM – 3:45 PM **Poster Presentations**

Chair: Meindert Palmen, Sie Kronborg Fensman and Rasmus Kraghede

1. Johannes Jedrzejczyk *et al*
Novel Biomaterials for Mitral Valve Repair: A Surgical Feasibility Study
2. Jacob Petersen *et al*
Non-attendance and drop-out in Cardiac Rehabilitation following open-heart surgery
3. Julian Schütz *et al*
Effects of butyrate on ischemia reperfusion injury in a porcine model of myocardial infarction
4. Bjarke Sihm Stender *et al*
The 3FLASH study: Impact of Cardiac CT Protocol on Device Evaluation Following Left Atrial Appendage Occlusion
5. Alexander Møller Larsen *et al*
Effects of Butyrate Infusion on Cardiac Hemodynamics in a Porcine Model of Cardiogenic Shock
6. Andreas Damgaard *et al*
Long-Term Outcomes of Coronary Artery Bypass Grafting vs. Percutaneous Coronary Intervention for Isolated Proximal Left Anterior Descending Artery Stenosis
7. Tanita Drejer Jeppesen *et al*
A novel expandable aortic annuloplasty ring for aortic valve repair
8. Mads Harthimmer *et al*
Impact of Intraoperative vs. Postoperative Compression on Wound Complications Following Saphenous Vein Harvest in CABG Surgery

3:45 PM – 4:00 PM **Refreshments**

4:00 PM – 5:15 PM **Workshop: The Aortic Valve**

Title: Surgical Aortic Valve Replacement

Speaker: Jesper Hjortnaes, Leiden University Medical Center, NL

Title: Transcatheter Aortic Valve Replacement

Speaker: Christian Juhl Therkelsen, Aarhus University Hospital, Denmark

Panel discussion: SAVR vs TAVR

Moderator: Jarle Vaage

5:15 PM – 5:30 PM **Break**

5:30 PM – 5:45 PM

Wet Lab Workshop 1*Title: Introduction to Mitral valve repair*

Speaker: Meindert Palmen, Leiden University Medical Center, NL

5:45 PM – 7:30 PM

Hands-On Practical Exercises

Instructors: Johannes Jedrzejczyk, Tanita Drejer Jeppesen, Jacob Petersen, Jesper Hjortnaes, Meindert Palmen

Moderator: Johannes Jedrzejczyk

8:00 PM

Dinner

2:30 PM – 3:45 PM Workshop: Revascularization

Title: Current status of CABG

Speaker: Jarle Vaage, University of Oslo & Oslo University Hospital

Title: Current status of PCI

Speaker: Bent Roni Raghøj Nielsen, Aarhus University Hospital, Denmark

Panel discussion: CABG vs PCI

Moderator: Jesper Hjortnaes

3:45 PM – 4:00 PM Refreshments

4:00 PM – 5:00 PM Podium Presentations

Chair: Jesper Hjortnaes and Anders Lehmann Dahl Pedersen

9. Daria Evensen *et al*
The Role of Valve Endothelial Cells in Aortic Valve Calcification
10. Katrín Hólmgrímsdóttir *et al*
Safety of Novel Oral Anticoagulants Compared to Warfarin for Postoperative Anticoagulation following Mitral Valve Repair
11. Birta Rakel Óskarsdóttir *et al*
Association of Mitral Annular Calcification with Warfarin Use
12. Christoffer Overgaard *et al*
3D isotropic upscaling of Coronary MR angiography using deep learning based Super-resolution

5:00 PM – 5:15 PM Break

5:15 PM – 5:30 PM Wet Lab Workshop 2

Title: Introduction to aortic surgery

Speaker: Jesper Hjortnaes, Leiden University Medical Center, NL

5:30 PM – 7:15 PM Hands-On Practical Exercises

Instructors: Johannes Jedrzejczyk, Tanita Drejer Jeppesen, Jacob Petersen, Jesper Hjortnaes

Moderator: Johannes Jedrzejczyk

8:00 PM Dinner and Entertainment

2:30 PM – 3:00 PM

Keynote Talk*Title: Fraud in Science*

Speaker: Jarle Vaage, University of Oslo & Oslo University Hospital

Moderator: Won Yong Kim

3:00 PM – 4:00 PM

Podium Presentations

Chair: Bent Roni Ranghøj Nielsen and Tanita Drejer Jeppesen

13. Alexander Emil Kaspersen *et al*

Preoperative anemia is associated with increased short- and long-term mortality in patients undergoing coronary artery bypass grafting: a large nationwide cohort study

14. Anders Lehmann Dahl Pedersen *et al*

Differences in myocardial structure, function and fibrosis in asymptomatic moderate or severe versus severe symptomatic aortic stenosis

15. Sie Kronborg Fensman *et al*Biopsy screening of patients undergoing Carpal Tunnel Syndrome Surgery for early diagnosis of Wild-type Transthyretin Amyloidosis
Cardiomyopathy16. Jens Toft Eschen *et al*

Impact of Anticoagulation Management on Thrombin Generation During Surgery for Acute Aortic Dissection – A randomized controlled trial

4:00 PM – 4:15 PM

Refreshments

4:15 PM – 5:15 PM

Podium Presentations

Chair: Jarle Vaage and Alexander Emil Kaspersen

17. Andrea Camera *et al*

Differences in Mitochondrial Reactive Oxygen Species (ROS) Production in Rat Heart and Liver at 37 and 8 degrees Celsius

18. Zineb Chaabi *et al*

Dual biomarker analysis with CK-MB and Troponin T and early postoperative mortality after cardiac surgery

19. Andreas Overgaard *et al*

Timing of Catheter Directed Mechanical Aspiration Thrombectomy in Acute Porcine Pulmonary Embolism

20. Rasmus Kraghede *et al*

Intratracheal Tracheostomy Sealing: Three feasibility studies.

5:15PM – 5:45 PM

Award Committee Meeting

Jarle Vaage, Won Yong Kim, Bent Roni Ranghøj Nielsen, Peter Johansen

5:45 PM – 6:00 PM

Awards

6:00 PM – 6:30 PM

Evaluation

7:30 PM

Presidential Dinner