



CVRC

CardioVascular Research Cluster

BERN

Annual Meeting 2024

24 January 2024

Online presentations + On-site posters & Apéro,
Atrium A Ground Floor, Sitem-Insel

- Acquired Cardiovascular Diseases, Metabolism and Prevention
- Roundtable: Artificial vessels and cardiac organoids: will we still need animal experimentation in the future?
- Sex Differences, Development (Aging) and Genetic Bases of Cardiovascular Diseases
- New Aspects in Cardiovascular Imaging (and Technologies)
- Vascular Disorders
- Arrhythmias
- Valvular and Structural Heart Diseases

Meeting Programme

Organization Committee

Dr. Maria Arnold, Scientific and Administrative Manager of the Cardiovascular Research Cluster Bern, Inselspital, Bern University Hospital and University of Bern

Dr. med. Sarah Bernhard, Division of Angiology, Swiss Cardiovascular Centre, Inselspital, Bern University Hospital

Daniela Castillo Robles, Administrative Assistant Cardiovascular Research Cluster Bern, Inselspital, Bern University Hospital and University of Bern

Prof. Dr. Yvonne Döring, Division of Angiology, Swiss Cardiovascular Centre, Inselspital, Bern University Hospital and Department for BioMedical Research, University of Bern

Prof. Dr. Sarah Longnus, Department of Cardiac Surgery, Inselspital, Bern University Hospital and Department for BioMedical Research, University of Bern

Prof. Dr. med. Katja Odening, Translational Cardiology, Department of Cardiology, Inselspital, Bern University Hospital and Department of Physiology, University of Bern

Ass. Prof. Dr. Marco Osterwalder, Department for BioMedical Research, University of Bern

PD Dr. med. Emrush Rexhaj, Department of Cardiology, Inselspital, Bern University Hospital

Meeting Programme Overview

10:00-10:10	Opening / Welcome (online, Zoom)
10:10-10:50	Session 1: New Aspects in Cardiovascular Imaging (and Technologies)
10:50-11:00	Break
11:00-11:40	Session 2: Acquired Cardiovascular Diseases, Metabolism and Prevention
11:40-11:50	Break
11:50-12:30	Session 3: Roundtable “Artificial Vessels and Cardiac Organoids - Will we still need animal experimentation in the future?”
12:30-13:00	Lunch Break
13:00-13:40	Session 4: Sex Differences, Development (Aging) and Genetic Bases of Cardiovascular Diseases
13:40-13:50	Break
13:50-14:30	Session 5: Valvular and Structural Heart Diseases
14:30-14:40	Break
14:40-15:20	Session 6: Vascular Disorders
15:20-15:30	Break
15:30-16:10	Session 7: Arrhythmias
16:10-16:45	Break + Poster hanging
16:45-19:00	Poster presentations (Sitem Atrium A ground floor), Prize announcements and get-together Apéro

Detailed Scientific Programme

10:00-10:10 Opening / Welcome (online, Zoom)

Session 1: New Aspects in Cardiovascular Imaging (and Technologies)

Chairs:

Nicolas Brugger, Department of Cardiology

Kady Fischer, Department of Anaesthesiology and Pain Medicine

10:10 **Title tba**
Jessica Bastiaansen, Department of Diagnostic, Interventional and Pediatric Radiology & Translational Imaging Center, sitem-insel

10:30-10:50 **Flash presentations from abstracts**

- **Title 1 tba**
Speaker 1 tba
- **Title 2 tba**
Speaker 2 tba
- **Title 3 tba**
Speaker 3 tba

10:50-11:00 **Break**

Session 2: Acquired Cardiovascular Diseases, Metabolism and Prevention

Chairs:

Lukas Hunziker, Department of Cardiology

Sarah Longnus, Department of Cardiac Surgery and Department for BioMedical Research

11:00 **Title tba**
Emrush Rexhaj, Department of Cardiology

11:20-11:40 **Flash presentations from abstracts**

- Title 1 tba
Speaker 1 tba
- Title 2 tba
Speaker 2 tba
- Title 3 tba
Speaker 3 tba

11:40-11:50 Break

Session 3: Roundtable “Artificial Vessels and Cardiac Organoids - Will we still need animal experimentation in the future?”

Chair:

Yvonne Döring, Division of Angiology and Department for BioMedical Research

Dominik Obrist, ARTORG Center for Biomedical Engineering Research

11:50-12:30 **Heart Transplantation**

Panelists:

- Olivier Guenat, ARTORG Center for Biomedical Engineering Research
- Drosos Kotelis, Department of Vascular Surgery
- Nadia Mercader, Institute of Anatomy
- Marco Osterwalder, Department for BioMedical Research
- Robert Rieben, Department for BioMedical Research

12:30-13:00 Lunch Break

Session 4: Sex Differences, Development (Aging) and Genetic Bases of Cardiovascular Diseases

Chairs:

Jean-Sébastien Rougier, Institute for Biochemistry and Molecular Medicine

Hildegard Tanner, Department of Cardiology

13:00 **Title tba**
Christian Zuppinger, Department of Cardiology and Department for BioMedical Research

13:20-13:40 **Flash presentations from abstracts**

- **Title 1 tba**
Speaker 1 tba
- **Title 2 tba**
Speaker 2 tba
- **Title 3 tba**
Speaker 3 tba

13:40-13:50 **Break**

Session 5: Valvular and Structural Heart Diseases

Chairs:

Fabien Praz, Department of Cardiology

David Reineke, Department of Cardiac Surgery

13:50 **Title tba**
Silje Ekroll Jahren, ARTORG Center for Biomedical Engineering Research

14:10-14:30 **Flash presentations from abstracts**

- **Title 1 tba**
Speaker 1 tba

- Title 2 tba
Speaker 2 tba
- Title 3 tba
Speaker 3 tba

14:30-14:40 Break

Session 6: Vascular Disorders

Chairs:

Britta Engelhardt, Theodor Kocher Institute

Stefan Freigang, Department of Tissue Medicine and Pathology

14:40 Title tba
Sarah Bernhard, Department of Angiology

15:00-15:20 Flash presentations from abstracts

- Title 1 tba
Speaker 1 tba
- Title 2 tba
Speaker 2 tba
- Title 3 tba
Speaker 3 tba

15:20-15:30 Break

Session 7: Arrhythmias

Chairs:

Katja Odening, Translational Cardiology, Department of Cardiology and Department of Physiology

Laurent Roten, Department of Cardiology

15:30 **Title tba**
 Ange Maguy, Department of Physiology

15:50-16:10 **Flash presentations from abstracts**

- **Title 1 tba**
 Speaker 1 tba

- **Title 2 tba**
 Speaker 2 tba

- **Title 3 tba**
 Speaker 3 tba

16:10-16:45 **Break + Poster hanging**

16:45-18:45 **Poster presentations (Sitem Atrium A ground floor) and get-together Apéro**

- **16:45-17:30: Poster Session 1**
- **17:30-18:15: Poster Session 2**

18:45-19:00 **Prize announcements (Nina Ullrich, Department of Physiology)**
 Closing
