

Conference Office

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Symposium WLAN

Free WiFi is provided

Directions/ parking

With public transport:

Lines 16, 63 in the direction of Bad Godesberg or line 66 in the direction of Bad Honnef. Get off at the UNIVERSITY/ MARKET station.



Upon arrival at Cologne / Bonn Airport:

With the airport bus S60 get off at the station BONN-MARKT

By car:

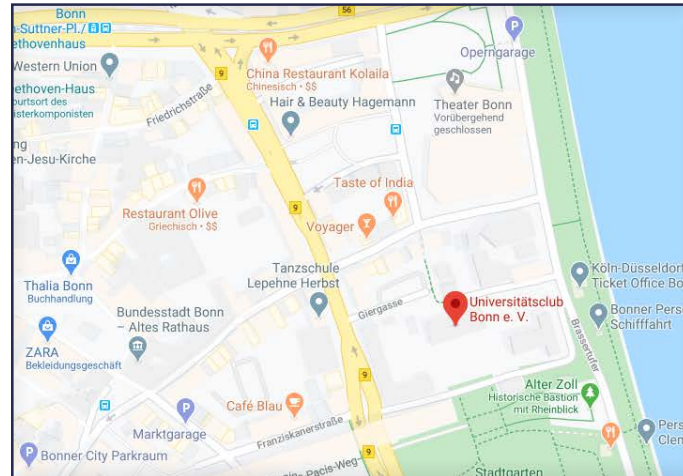
If you arrive by car, we recommend the "Unigarage" (Navi: 53111 Bonn, Stockenstraße)

funded by

DFG Deutsche
Forschungsgemeinschaft
German Research Foundation

Conference Venue

Universitätsclub Bonn e.V.
Konvikstr. 9
53113 Bonn



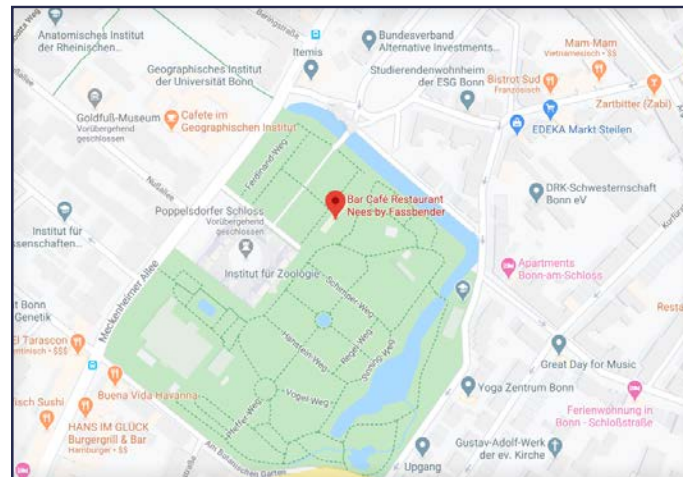
Speakers Dinner

Invited are all speakers and projectleader of the TRR259



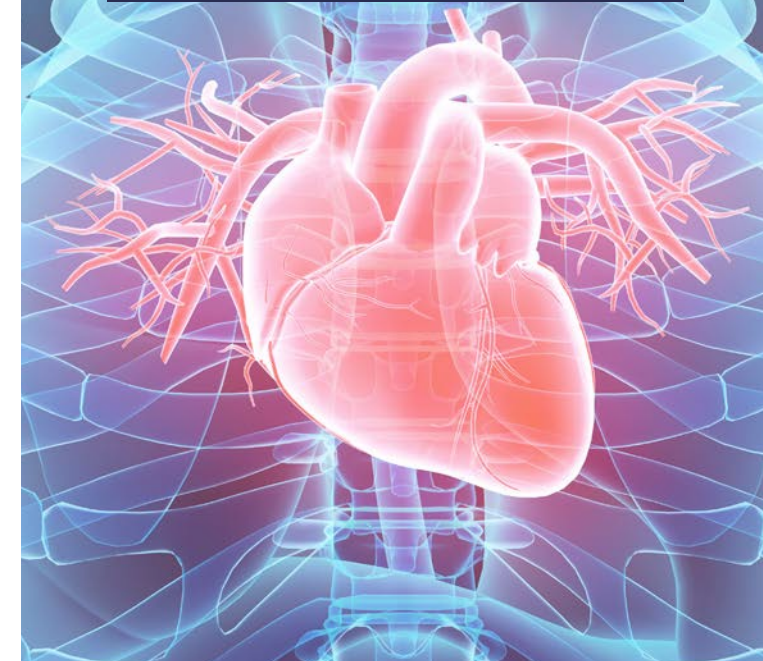
Nees

In the botanical gardens of the University of Bonn
Meckenheimer Allee 169
53115 Bonn



NEW MECHANISTIC INSIGHTS INTO AORTIC DISEASES

3rd International Symposium of the TRR259



March 23 - 25, 2022
Universitätsclub Bonn



Bonn - Cologne - Düsseldorf

3rd International Symposium on Aortic Diseases

New mechanistic insights into aortic diseases

It is a great pleasure to invite you to our 3rd International Symposium on “New mechanistic insights into aortic diseases” which will take place from March 23 – 25, 2022 at the Universitätsclub Bonn to meet with our scientists and students of the Collaborative Research Center/ Transregio TRR 259 to discuss and develop new interactions and strengthen existing ones.

The Symposium will provide an update in topics like

- Modulation of extracellular matrix
- Cell characterization and communication
- Immunometabolism
- Immunological mechanisms
- Translation into therapies

We are happy to announce the participation of internationally acclaimed keynote speakers who will cover these topics and connect molecular mechanisms with clinical observations and the development of novel treatment strategies. In addition, we will present the most interesting projects from our Collaborative Research Center/ Transregio TRR259.

Moreover, the city of Bonn has a rich history both in culture and science and offers a multitude of historic sites to visit.

We are very grateful to the German Research Foundation for the support of our symposium.

We hope to see you in Bonn.

Georg Nickenig
Speaker of TRR259
Bonn

Malte Kelm
Co-Speaker of TRR259
Düsseldorf

Stephan Baldus
Co-Speaker of TRR259
Cologne

Program

Day 1		Wednesday, March 23, 12 am - 7 pm
12:00	REGISTRATION	
12:45	Welcome and Highlights of the TRR259 Georg Nickenig University of Bonn	
1:00 - 3:30 pm		Session I: Modulation of extracellular matrix
1:00	Epidemiology, outcome and treatment of AA 2022 Prof. Anders Wanhainen University of Uppsala	
1:30	Hyaluronic acid and endothelial cells Prof. Bernard M. van den Berg LUMC Leiden	
2:00	Molecular mechanisms of AA disease Prof. Philip S. Tsao Stanford University	
2:30	JNK-Targeting nanotherapeutics for elastic matrix regenerative repair in Abdominal Aortic Aneurysms Prof. Anand Ramamurthi Lehigh University	
3:00	Genetic aortic disorders Prof. Bart Loeys University of Antwerp	
3:30	COFFEE BREAK	
4:00 - 7:00 pm		Session II: Cell characterization and communication
4:00	Epidemiology, outcome and treatment of AS 2022 Prof. Bernard D. Prendergast Guy's and St Thomas' NHS Foundation Trust, London	
4:30	Vesicles as a novel approach to induce cardiac repair Prof. Joost Sluijter University of UMC Utrecht	
5:00	Spatial multiomic map of cardiovascular disease Prof. Rafael Kramann RWTH Aachen	
5:30	hiPS models to mimic genetic and complex cardiovascular diseases in vitro Prof. Alessandra Moretti TUM Munich	
6:00	Cellular cross-talks in cardiovascular repair Prof. Stefanie Dimmeler University of Frankfurt	
6:30	Single cell RNAseq and spatial transcriptomics PD Dr. Marc Beyer DZNE Bonn	
8:00	DINNER FOR SPEAKERS AND TRR259 PROJECT LEADER (NEES)	
Day 2		Thursday, March 24, 9 am - 7 pm
9:00 - 12:30 am		Session III: Immunometabolism
9:00	Epigenetics and immunometabolism Prof. Musa Mhlanga Radboud University	
9:30	Obesity and the vascular system Prof. Matthias Blüher HI-MAG, University of Leipzig	
10:00	CHIP in cardiovascular disease Prof. Dominik Wolf University of Innsbruck	
10:30	COFFEE BREAK	
11:00	Mechanisms of metabolic fitness and cardiovascular disease Prof. Mark Febbraio Monash University	

11:30	Mechanisms leading from diabetes to macrovascular disease Prof. Michael Roden University of Düsseldorf
12:00	The lipid-immuno-axis in cardiovascular disease Prof. Magnus Bäck Karolinska Institute
12:30	LUNCH

1:30 - 3:30 pm		Poster Session
3:30 - 4:50 pm		Highlights of the TRR259
3:30	XXX University of XXX	
3:50	Dysregulated extracellular signaling pathways in aortic aneurysm formation in Marfan syndrome Prof. Gerhard Sengle University of Cologne	
4:10	XXX XXX University of XXX	
4:30	XXX XXX University of XXX	

5:00 - 7:00 pm		Social Event
8:00 pm		Dinner for all

Day 3		Friday, March 25, 9 am - 3 pm
9:00 - 12:00 am		Session IV: Immunological mechanisms
9:00	Trained immunity: relevance for atherosclerosis Prof. Mihai Netea Radboud University	
9:30	Role of monocytes in aortic disease Prof. Terje Espevik NTNU	
10:00	Targeting adaptive immunity for treatment of aortic disease Prof. Alma Zernecke-Madsen University Würzburg	
10:30	COFFEE BREAK	
11:00	Role of RIG-I-like receptors in Singleton-Merten Syndrome Prof. Takashi Fujita Kyoto University	
11:30	Birth, life and death of immune cells in aortic disease Prof. Fil Swirski Mount Sinai	
12:00	LUNCH	
1:00 - 2:30 pm		Session V: Translation into therapies
1:00	Novel therapies for AA disease Prof. Lars Maegedeffessel TUM Munich	
1:30	Bioprosthesis engineering and ex vivo tissue testing Prof. Artur Lichtenberg University of Düsseldorf	
2:00	Inflammation: a treatment target in CAD prevention Prof. Christian Weber LMU Munich	
2:30	CLOSING REMARKS	