



**Universitätsklinikum
Leipzig**

Medizin ist unsere Berufung.



XXIV LIPID Meeting Leipzig

METABOLIC PATHOLOGIES
IN CARDIOVASCULAR DISEASES

December 10-12, 2025

[www.ukl-live.de/
lipidmeeting](http://www.ukl-live.de/lipidmeeting)



WELCOME!

The XXIV LIPID Meeting Leipzig will held December 10-12th, 2025 at Salles de Pologne, Leipzig, Germany

The Lipid Meeting Leipzig has established itself as a renowned biennial meeting addressing cutting edge clinical and translational science. The LIPID Meeting Leipzig is attracting researchers from around the globe.

The international XXIV Lipid Meeting Leipzig 2024 addresses current and emerging topics in cardio-metabolic diseases. This year we will discuss novel clinical and basic research concepts on lipid disorders, lipoproteins and related vascular disease. We aim to explore new insights into the regulation of vascular diseases, immuno-thrombosis and innovative molecular and clinical aspects in obesity, and a look into reproductive and transgenerational effects of lipid disorders and vascular disease. These topics will be presented and discussed by internationally renowned experts.

The Lipid Meeting is open for all physicians, clinician and basic scientists and students interested in the fascinating field of cardio-metabolic pathologies in medicine and physiology. It brings together an international group of participants from all career levels and from various scientific and medical disciplines to present cutting-edge research in a collegial atmosphere.

We are glad to host the XXIV Lipid Meeting Leipzig, giving you the chance to meet top scientists from around the world, discuss science – and enjoy the special Christmas atmosphere in Leipzig, including the option to attend Johann Sebastian Bach's „Weihnachtsoratorium“ in the Thomas Church in Leipzig – a unique experience!

We look forward to welcoming you in Leipzig!

Prof. Dr. Berend Isermann

Prof. Dr. Uta Ceglarek

*Institute of Laboratory Medicine, Clinical Chemistry and
Molecular Diagnostics, University of Leipzig Medical Center*

Prof. Dr. Ulrich Laufs

Department of Cardiology, University of Leipzig Medical Center

Prof. Dr. Matthias Blüher

*Helmholtz Institute for Metabolism, Obesity and
Vascular Research (HI-MAG)*

*Helmholtz Center Munich at the University of Leipzig
and the University of Leipzig Medical Center*

CONGRESS PRESIDENTS

Prof. Dr. Berend Isermann

Prof. Dr. Uta Ceglarek

Institute of Laboratory Medicine, Clinical Chemistry
and Molecular Diagnostics,
University of Leipzig Medical Center

Prof. Dr. Ulrich Laufs

Department of Cardiology,
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Obesity and Vascular Research (HI-MAG)
Helmholtz Center Munich at the University of Leipzig
and the University of Leipzig Medical Center

CONGRESS BUREAU

For general organisation, registration and sponsorship
enquiries, please contact:

Victoria Vleugels / Julia Fleischer

University of Leipzig Medical Center
Central Event Management
Liebigstraße 12, Haus 1; 04103 Leipzig

Fon: 0341 97 14143

E-Mail: veranstaltungsmanagement@uniklinik-leipzig.de

For enquiries regarding abstract submission and speaker
requests, please contact:

Dr. Shrey Kohli

Institute of Laboratory Medicine, Clinical Chemistry and
Molecular Diagnostics
University of Leipzig Medical Center

Fon: 0341 97 22471

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REGISTRATION

We kindly ask you to confirm your participation
by registering at:

www.uk-live.de/lipidmeeting



Detailed information about ticket prices is available on our
website.

CERTIFICATION

ABSTRACT SUBMISSION

All information regarding abstract submission can be found
at: www.uk-live.de/lipidmeeting/abstracts.php

Please make sure to check the submission deadline and
formatting requirements on the website.

CONFERENCE PROGRAM

WEDNESDAY, DECEMBER 10, 2025	
7:30-10:00 PM	Social event + Dinner

THURSDAY, DECEMBER 11, 2025		
8:30 AM	Plenary Session 1: New insights into vacular biology Chairs: Jes-Niels Böckel / Ulrike Schatz	
	Molecular drivers of atherosclerosis Christoph Binder	
	Novel regulators of endothelial function Hellmut Augustin	
	DNA-RNA interactions regulating endothelial cell properties Ralph Brandes	
10:00 AM	Short break	
10:15 AM	Scientific Session 1: New insights into lipo-protein function and lipid signalling Chairs: Heribert Schunkert / Ingo Hilgendorf	Scientific Session 2: Oxlipins - facts and myths Chairs: Daniel Huster / Trian Chavakis
	Effects of physical exercise on RNAs in cardiovascular diseases Xiao Junjie	Oxylipins in neuroinflammation Uta Ceglarek
	Epigenetic effects of ACLY inhibition / Bempedoic acid Bilal Sheikh	Oxylipins: from detection to function Nils Helge Schebb
	Genetics of lipoprotein mediated atherogenecity Jan Boren	Interactions between lipid and adipocyte metabolism Jörg Heeren
11:30 AM	Coffee Break	
11:50 AM	Scientific Session 3: Mechanisms of atherogenesis Chairs: Daniel Sedding / Ulf Landmesser	Scientific Session 4: Membrane lipids and signaling Chairs: Claudia Stäubert / Georg Künze
	Presentation from selected abstracts	Presentation from selected abstracts
	Cardiovascular changes driven by kidney disease Rafael Kramann	Modulation of GPCR signaling by plasma lipids Alejandra Tomas Catala

	Alternating high-fat diet enhances atherosclerosis by neutrophil reprogramming Hafid Ait-Oufella	Membrane-Mediated Allosteric Action of Serotonin on a Noncognate G-Protein-Coupled Receptor Daniel Huster
	ADAMTS and atherosclerosis Thorsten Kessler	SPMs exert anti-inflammatory and pro-resolving effects through positive allosteric modulation of the prostaglandin EP4 receptor Stefan Offermanns
1:10 PM	Lunch Break with Lunch Symposium 1 and 2	
2:30 PM	Plenary Session 2: New insights into pathogenesis of CVD Chairs: Ulrich Laufs / Matthias Blüher	
	Remnant cholesterol and atherosclerosis Borge Nordestgaard	
	Clonal Hematopoiesis of Indeterminate Potential Peter Libby	
4:00 PM	Coffee Break	
4:30 PM	Scientific Session 5: Sex-differences in cardio-metabolic disease Chairs: Alexander Bartelt / Arnold von Eckardstein	Scientific Session 6: Epigenetic aspects of cardiometabolic diseases Chairs: Peter Kovacs / Maria Keller
	Influence of sex and gender on the biology of atherosclerosis Katariina Öörni	Effects of nutrition on obesogenic epigenetic marks Iris Shai
	Atheroprotection by Cannabinoid receptor deletion in sex-specific manner Sabine Steffens	Epigenetics link obesity to cardiometabolic diseases Camilla Scheele
	Data on high-risk subgroups from large clinical trials Johan Wouter Jukema	Dysregulation of DNA methylation by the environment Sören Nielsen
5:45-6:45 PM	Poster session	
7:00 PM	Get-together + Speaker's Dinner	

CONFERENCE PROGRAM

FRIDAY, DECEMBER 12, 2025		
8:30 AM	Scientific Session 7: Mechanisms of obesity: updates from the clinic Chairs: Ioanna Gouni-Berthold/ Kathrin Landgraf	Scientific Session 8: Priming of cardiovascular disease early in life Chairs: Ana Zenclussen/ Sandra Blois
	Presentation from selected abstracts	Presentation from selected abstracts
	How does adipose tissue dysfunction cause cardio- metabolic diseases Assaf Rudich	Maternal polycystic ovary syndrome and Offspring's Risk of Cardiovascular diseases Krisztina László
	Adipose tissue mitochondria in obesity and weight loss – insights from twin cohorts and intervention studies Kirsi H Pietiläinen	Priming of obesity in offspring by sperm properties Rafaelle Teperino
	Learning from the extremes: Constitutional Thinness Zach Gerhart-Hines	Priming of vascular dis- ease during early-life Amanda Sferruzzi-Perri
9:50 AM	Coffee Break	
10:20 AM	Scientific Session 9: Insights into new approaches to lipid lowering Chairs: Uta Ceglarek/ Ralph Burkhardt	Scientific Session 10: From big data to diagnostics in lipid disorders and related diseases Chairs: Markus Scholz/ Kristin Reiche
	Presentation from selected abstracts	Presentation from selected abstracts
	New lipid drugs in clini- cal development Ulrich Laufs	Lipidomics in circulating vascular cells driving clotting Valerie O'Donnell
	Challenges and opportunities in Lp(a) analysis Matthias Nauck	Multi-omics in acute and chronic coronary syndrome Leo Nicolai
	Health economics of lipid lowering therapies Winfried März	Mitochondrial omics Leif S. Ludwig
11:40 AM	Lunch Break with Lunch Symposium 3 and 4	

1:00 PM	Plenary Session 3: Thromboinflammation in CVD Chairs: Shrey Kohli / Leo Nicolai
	Thromboinflammation and protease activated receptors Wolfram Ruf
	Immunothrombosis in myocardial infarction Amin Polzin
	Type-1 interferon signaling and metabolism Luke O'Neil
2:20 PM	Short break
2:30 PM	Scientific Session 11: Patient stratification Chairs: Anne-Sophie Kubasch / Rolf Wachter
	Polygenic risk scores in ischemic heart disease Anne Tybjærg-Hansen
	Cluster Analyses in metabolic dysfunction and steatotic liver disease Romeo Stefano
	New subtypes of statin-intolerance Paulina Stürzebecher
3:45 - 4:00 PM	Closing remarks
7:00 PM	optional: Dinner and Weihnachtsoratorium

SPEAKERS

A full list of all speakers can be found at:
www.ukl-live.de/lipidmeeting/speakers.php

SOCIAL PROGRAM

Wednesday, December 10, 2025

Welcome Dinner & St. Thomas Church Tour

6:00 PM | St. Thomas Church (Thomaskirche)

Thomaskirchhof 18, 04109 Leipzig

Start the evening with an exclusive guided tour of St. Thomas Church, one of Leipzig's most iconic landmarks and the final resting place of Johann Sebastian Bach. Discover the church's rich history and its renowned musical heritage.

7:30 PM | Restaurant Pilot Leipzig

Bosestraße 1, 04109 Leipzig

Following the tour, enjoy a Welcome Dinner at Restaurant Pilot Leipzig, where modern cuisine meets a relaxed yet elegant atmosphere. A perfect opportunity to connect with colleagues and start the conference on a high note.



Thursday, December 11, 2025

7:30 PM | Museum der bildenden Künste Leipzig

Katharinenstraße 10, 04109 Leipzig

Immerse yourself in the world of fine arts during our Get-Together at the Museum der bildenden Künste. The evening begins at Café Treff, where you can enjoy delicious food and drinks in a stylish setting.



Museum Tours

Discover the museum's impressive collection on a guided tour, featuring masterpieces from the Renaissance to contemporary art. A night of inspiration, culture, and great conversations awaits!

Tickets for the social program are available at www.ukl-live.de/lipidmeeting

Friday, December 12, 2025

7:00 PM | St. Thomas Church (Thomaskirche)

Thomaskirchhof 18, 04109 Leipzig

End the conference on a magical note with a performance of Bach's Christmas Oratorio in the historic St. Thomas Church. Experience the grandeur of one of the world's most famous choral works in the very place where Johann Sebastian Bach composed and conducted. An unforgettable musical highlight in Leipzig's most renowned concert venue.

Tickets will be available through the Gewandhaus Leipzig starting in May. Further information can be found on our website.



VENUE


Salles de Pologne
conference floor, 5th floor
Hainstraße 18
04109 Leipzig

SPONSORS

We would like to thank the following companies for their generous support of this event:

TRAVEL DIRECTIONS

Public Transport:



 (Station ÖPNV):

- Goerdelerring:
Straßenbahn 1, 3, 4, 7, 9, 12, 14, 15
- Markt: S-Bahn S1-S5X

by car:

- via Ditttrichring / Thomaskirchhof
- via Tröndlinring / Am Hallischen Tor

Car Parking:

-  Car Park Höfe am Brühl:
Brühl 1, 04109 Leipzig (Distance approx. 100 m)
-  Underground Car Park Marktgalerie:
Thomasgasse 2, 04109 Leipzig
(Distance approx. 200 m)

¹ Exhibition booth and advertising opportunity |

² Advertising opportunity