



XXII LIPID MEETING LEIPZIG

Leipzig, Germany | December 9–11, 2021

Bio City Leipzig
Deutscher Platz 5c
04103 Leipzig, Germany



www.lipidmeeting.de

Preliminary Program

Thursday, December 09, 2021	
07:30 - 10:00 pm	Opening Ceremony Moritzbastei
Friday, December 10, 2021	
08:30 - 10:00 am	Plenary Session 1 Chairs: tba Room x
08:30 - 09:00 am	J. Heeren: Lipid handling by endothelial cells of thermogenic adipose tissues
09:00 - 09:30 am	T. Speer: Lipoproteins in chronic kidney disease
09:30 - 10:00 am	S.Herzig: Metabolic liver disease in diabetes - From mechanisms to clinical trials
10:00 - 10:15 am	Coffee Break
10:15 - 12:45 pm	Basic reseach - Liver and Lipid Metabolism
10:15 - 11:15 am	WS 1: Lipids and liver cell biochemistry Chairs: tba Room x
10:15 - 10:35 am	A. Nadler: Live-cell lipid biochemistry reveals a role of diacylglycerol side-chain composition for cellular lipid dynamics and protein affinityQes
10:35 - 10:55 am	O. Daumke: EHD2-mediated restriction of caveolar dynamics regulates cellular fatty acid uptake
10:55 - 11:15 am	T. Becker: Quality control of the mitochondrial proteome (including reuglation of lipid metabolism)
11:15 - 11:35 am	Short Break
11:35 - 12:35 pm	WS 3: Lipid metabolism and NASH Chairs: tba Room x
11:35 - 11:55 am	N. Krahrmer: Hepatic lipid droplet homeostasis and fatty liver disease
11:55 - 12:15 pm	B. Christ: Cell-based strategies against a fatty liver
12:15 - 12:35 pm	F. Tacke: Macrophages in obesity and non-alcoholic fatty liver disease: Crosstalk with metabolism
12:45-02:30 pm	Lunch Break
02:30 - 04:00 pm	Plenary Session 2 Chairs: tba Room x
02:30 - 03:00 pm	M. Nahrendorf: Myeloid cells in cardiovascular health
03:00 - 03:30 pm	M. Gawaz: Platelet lipidomics, atherosclerosis, coronary artery disease
03:30 - 04:00 pm	P. Libby: Inflammation and atherosclerosis - new mechanisms
04:00 - 04:30 pm	Coffee Break
04:30 - 05:50 pm	WS 5: Mechanisms of atherosclerosis Chairs: tba Room x
04:30 - 05:10 pm	M. Cortese-Krott: The role of red cell eNOS signaling in blood / vessel interactions and systemic hemodynamics
05:10 - 05:50 pm	I. Hilgendorf: Macrophage proliferation during plaque regression in response to cholesterol lowering
05:10 - 06:25 pm	Poster Session & Dinner Chairs: tba
8:00 PM	Christmas Oratorio



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Saturday, December 11, 2021		
09:00 - 10:00 am	WS 7: Macrophage metabolism and function Chairs: tba Room x	WS 8: Lipids - from analyses to new clinical approaches Chairs: tba Room x
09:00 - 09:20 am	G. Schabbauer: The PI3K pathway preserves metabolic health through MARCO-dependent lipid uptake by adipose tissue macrophages	M. Fedorova: Human "lipidome atlas" for adipose tissue
09:20 - 09:40 am	tba	A. Bartelt: ER and lipid metabolism?
09:40 - 10:00 am	J. van den Bossche: Macrophage ATP citrate lyase deficiency stabilizes atherosclerotic plaques	U. Laufs: TG-rich lipoproteins – pathophysiology and novel treatments
10:00 - 10:30 pm	Coffee Break	
10:30 - 11:30 am	Plenary Session 3 Chairs: Chavakis and tba Room x	
10:30 - 10:50 am	A. von Eckardstein: Novel mechanisms of LDL receptor regulation	
10:50 - 11:10 am	C. Weber: Neue Mechanismen der Atherosklerose	
11:10 - 11:30 am	C. Wolfrum: snRNA-seq reveals a subpopulation of adipocytes that regulates thermogenesis	
11:30 - 12:30 pm	Lunch Break	
12:30 - 01:35 pm	WS 9: Platelets and lipids - topic 13 Chairs: tba Room x	WS 8: Fetal programming of adult diseases Chairs: tba Room x
12:30 - 12:51 pm	V. Mirakaj: Platelets, pro-resolving lipid mediators, liver disease	M. Wolfgang, Baltimore: Maternal lipid metabolism-reprogramming
12:51 - 01:12 pm	R. Ahrends: LipidCreator workbench to probe the lipidomic landscape (done in platelets)	A. Sferruzzi-Perri: Deciphering the role of the placenta in the developmental programming of diabetes and obesity risk
01:12 - 01:33 pm	A.-M. Rodriguez: Platelets, wound healing, metabolic reprogramming	T. Plösch: Perinatal programming, epigenetics, and long term consequences for lipid metabolism