

Project Title	Sponsor	Principal Investigator <i>Collaborator</i>	Time Frame
PROVASC: Cell-specific vascular protection by CXCL12/ CXCR4	ERC Advanced Grant	C. Weber	2016-2023
CD40 goes innate	ERC Consolidator Grant	E. Lutgens	2018-2023
PROTEOFIT: Adapting protein fate for muscle function and fitness	ERC Starting Grant	A. Bartelt	2019-2025
Integrated Research Training Group on Atherosclerosis	DFG CRC 1123, MGK	S. Steffens <i>V. Paloschi</i>	2022-2026
CCR8-driven immune functions of group 2 innate lymphoid cells (ILC2s) in atherosclerosis	DFG CRC1123, A01	Y. Döring <i>C. Weber</i>	2022-2026
Interactions of chemokines with heterologous effectors in atherosclerosis	DFG CRC1123, A02	P.v. Hundelshausen <i>J. Bernhagen</i>	2022-2026
Epigenetic regulation of T-cell activation via the polycomb repressive complex 2 in atherosclerosis	DFG CRC1123, A05	D. Atzler/E.Lutgens	2022-2026
Atypical role of erythroid cells in atherosclerosis	DFG CRC1123, A10	J. Duchêne <i>C. Weber</i>	2022-2026
Regulation of necrotic core formation by macrophage miRNAs	DFG CRC1123, B04	A. Schober <i>M. Nazari-Jahantigh</i>	2022-2026
Regulatory role of non-coding RNAs and their homeostasis by autophagy in the progression of atherosclerosis	DFG CRC1123, B05	D. Santovito <i>L.Maegdefessel</i>	2022-2026
Targeting endocannabinoid receptors in atherosclerosis and metabolic dysfunction	DFG CRC1123, B09	S. Steffens <i>S. Herzig</i>	2022-2026
Mechanisms of Nfe2l1-linked inflammation and atherogenesis	DFG CRC1123, B10	A. Bartelt <i>O. Bruns</i>	2022-2026
Role of micronuclei-contained DNA and the cytosolic DNA sensor cGAS in atherosclerosis	DFG CRC1123, B12	L. Natarelli	2023-2026

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Label-free microscopic and nanoscopic imaging of atherosclerosis	DFG CRC1123, Z1	R. Megens/S. Mohanta <i>V. Ntziachristos</i>	2022-2026
Mex3a-dependent regulation of microRNAs in cardiac disease	DFG TRR 267/2 TP, A02	C. Weber/D.Santovito <i>M. Sattler</i>	2019-2027
LMUexcellent Investitionsfonds	DFG	C. Weber	2022
LMUexcellent für CoG	DFG	D. Atzler	2024
LMUexcellent	DFG	D. Santovito	2023
Munich Cluster for Systems Neurologie Grundförderung /Tandemprojekte	DFG Synergy, C5/C6	C. Weber	2019-2025
The role of the arginine/arginase 1 metabolism in atherosclerosis	DFG	D. Atzler	2021-2024
IronBAT: Mechanisms of ferroptosis resistance in brown adipose tissue	DFG SPP2306	A. Bartelt	2022-2024
IRONBAT Mechanismen der Ferroptose-Resistenz im braunen Fettgewebe	DFG	A. Bartelt	2022-2024
Rolle des Orphanrezeptors GPR55 in der Immunzellhomöostase und Atherosklerose	DFG	S. Steffens	2018-2023
Mechanismen der perikardialen Fettaktivierung nach Myokardinfarkt	DFG	S. Steffens	2021-2024
Role of microRNA-147 in adipose tissue macrophages during obesity	DFG	M. Zhu	2020-2023
B Cell Autoimmunität in ApoE-defizienten Mäusen	DFG	A.Habenicht	2019-2022
B Cell Autoimmunity in ApoE-deficient (ApoE <sup>-/-</sup> ) Mice	DFG	C. Yin	2019-2023
MicroRNA-regulierte Prozesse in Keratinozyten nach Exposition mit S-Lost	DFG	C. Ries	2019-2022
EXERBRAIN - Interaktion zwischen Sport und Lipidstoffwechsel im Gehirn im Zusammenhang der Alzheimer-Erkrankung	BMBF	A. Bartelt	2023-2026
CNATM: Antisense-Oligonukleotide und andere Nukleinsäuretherapeutika (Verbundprojekt 2)	BMBF	C. Weber	2023-2026
Neurale Modulation des Immunsystems bei der Umgestaltung des Herzmuskels infolge permanenten Bluthochdruck	BMBF ERA-CVD	S.L. Puhl	2019-2022

## THIRD PARTY FUNDING

Project Title	Sponsor	Principal Investigator <i>Collaborator</i>	Time Frame
AtheroInside. Local immunomodulation of atherosclerosis by CD8+ T cell-based nanomedicines	BMBF ERA-CVD	R. Megens	2019-2023
Fighting Atherosclerotic Plaques in Coronary Artery Disease Via Targeting Neuroimmune Interfaces	BMBF ERA-CVD	A. Habenicht <i>G. Lembo, Z. Mallat, T. Guzik</i>	2018-2023
Standortmanagement München	DZHK	C. Weber	2021-2026
DZHK Trainingsprogramm	DZHK	C. Weber	2019-2025
Inflammation - thrombosis crosstalk in patients with high cardiovascular risk	DZHK	Y. Döring <i>H.Noels</i>	2023-2024
Lipid nanoparticles containing microRNA-26b as therapeutic approach against atherosclerosis	DZHK	K. Bidzhekov <i>E. van der Vorst</i>	2022-2023
The immune checkpoint landscape of the atherosclerotic plaque	DZHK	D. Atzler <i>H. Winkels</i>	2023-2024
Genetic discovery-based targeting of the vascular interface in atherosclerosis	DZHK-BHF	J. Duchêne <i>C. Weber</i>	2019-2023
Connectivity and Functional Mapping of Cardiovascular Brain Circuits	DZHK Innovation Cluster	S.Mohanta	2023-2026
Nfe2l1-mediated proteasomal activity in heart function and cardiovascular disease	DZHK Nachwuchsgruppe	A. Bartelt	2018-2024
Role of the CXCL 12-CXDR4/ACKR3 axis in atherosclerotic plaque instability	DZHK Post-Doc Start-Up Grant	L. Parma	2022-2023
The role of T cell H3K27 trimethylation on T cell polarization and its effects on atherosclerosis	DZHK Shared Expertise	D. Atzler <i>M. Lacy/E. Schwedhelm</i>	2021-2022
Immune Pathogenesis	DZHK Standortprojekt	C. Weber	2019-2025
Molecular determinants	DZHK Standortprojekt	D. Santovito	2019-2025
Pericardial immune cell cross talk in cardiac repair and remodeling	DZHK Standortprojekt	S. Steffens	2019-2025
TRP: Re-screening for novel CD40-TRAF6 interaction inhibitors (TRAF-STOPs 2-0)	DZHK TRP	D. Atzler	2021-2024

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Development of a novel platelet inhibitor that blocks the CXCL12-CXCR4 axis to prevent and treat atherothrombosis	DZHK TRP Starter Grant	P.v. Hundelshausen	2023-2024
Immuno-metabolic phenotyping of the amino acid homoarginine in atherosclerosis	DZHK women scientist	D. Atzler	2020-2022
Investigating the role of central serotonin in atherosclerosis	DZHK	J. Duchêne <i>M. Bader</i>	2022-2023
Flow-dependent regulation of autophagy and miR-126-5p trafficking in endothelial cells	DZHK	D. Santovito <i>H. Morawietz</i>	2022-2023
Effects of the erythroid-ACKR1 polymorphism in ANCA-associated vasculitis	DZHK	J. Duchêne <i>A. Schreiber</i>	2023-2024
Modulation microRNA-regulierter Prozesse in Haut- und Entzündungszellen als Therapeutische Option bei S-Lost-induzierten Wundheilungsstörungen	Bundeswehr	C. Ries	2019-2023
Epigenetic mechanisms of cardiovascular disease development and progression	Friedrich-Baur Stiftung	F. Farina	2023
Elucidating the cellular and molecular mechanisms behind the pro-atherogenic role of miRNA-26b	Fritz-Thyssen Stiftung	E. van der Vorst	2021-2023
The role of G1TR in atherosclerosis	Novo Nordisk	E. Lutgens	2021-2024
Unravelling consequences of SARS-CoV-2 mediated inflammatory immune responses in heart and vasculature	SNF NRP 78 Project "CoVasc"	Y. Döring <i>N.Mercander, R.Rieben, B.Engelhardt</i>	2020-2022
Molecular mechanism and translational relevance of the atypical chemokine receptor ACKR3 in atherosclerosis	SNF Project Grant	Y. Döring	2021-2024
Mapping of Neuroimmune Cardiovascular Interfaces in Murine and Human Atherosclerosis(NICImap)	Corona Stiftung	S.Mohanta	2022-2027