

Project	Sponsor <i>Reference</i>	Principal Investigator <i>Collaboration Partner</i>	Time frame
Cxcl12 and Cxcr4/7 in atherosclerosis	DFG <i>CRC1123, A1</i>	Y. Döring C. Weber	2018-2022
Physical and functional interactions of chemokines with potent inflammatory effectors in atherosclerosis: focus on galectins	DFG <i>CRC1123, A2</i>	P. von Hundelshausen	2018-2022
Masterswitches of T cell reactivity in atherosclerosis	DFG <i>CRC1123 A5</i>	D. Atzler E. Lutgens	2018-2022
Circadian control of atheroprogession	DFG <i>CRC1123 A6</i>	O. Soehnlein C. Silvestre-Roig	2018-2022
Role of ACKR1/DARC in the myeloid pathogenesis of atherosclerosis	DFG <i>CRC1123, A10</i>	J. Duchene C. Weber	2018-2022
miRNA-regulated energy metabolism in macrophage-derived foam cells miRNA-regulated energy metabolism in macrophage-derived foam cells	DFG <i>CRC1123, B4</i>	M.Nazari-Jahantigh A. Schober	2018-2022
Role of NETs in atherogenesis	DFG <i>CRC1123, B5</i>	O. Söhnlein Y. Döring <i>L. Maegdefessel</i> <i>S. Massberg</i>	2018-2022
Lysophosphatidic acid and autotaxin in atherosclerosis	DFG <i>CRC1123, B8</i>	W. Siess A. Schober	2014-2018
Peripheral CB1 receptors in atherosclerosis	DFG <i>CRC1123, B9</i>	S. Steffens	2018-2022

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Role of the cholesterol sensor Nfe2l1 for adipose inflammation and atherogenesis	DFG <i>CRC1123, B10</i>	A. Bartelt	2019-2022
Macroscopic, microscopic, and nanoscopic (label free) imaging of atherosclerosis	DFG <i>CRC1123, Z1</i>	R. Megens	2018-2022
Integrated Research Training Group	DFG <i>CRC1123</i>	S. Steffens	2018-2022
Peripheral endocannabinoid system in atherosclerosis	DFG <i>STE1053/3-1</i>	S. Steffens	2014-2018
Endocannabinoid system and circadian rhythm in MI	DFG <i>STE1053/5-1</i>	S. Steffens	2015-2018
Role of GPR55 in atherosclerosis	DFG <i>STE1053/6-1</i>	S. Steffens	2018-2021
The role of microRNAs in HIF-1alpha-mediated regulation of macrophage energy metabolism during atherosclerosis	DFG <i>KA 4209/2-1</i>	E. Karshovska L. Natarelli	2016-2019
Alarmins induce acute neutrophil mobilization	DFG <i>CRC914 B8</i>	O. Söhnlein	2019-2023
Neutrophils and platelets cooperate in monocyte recruitment	DFG <i>CRC914, B8</i>	O. Söhnlein C. Weber	2015-2018
Munich Cluster for Systems Neurology (Synergy)	DFG <i>EXC 2145</i>	C. Weber	2019-2026
Structural basis and mechanisms of strand-specific microRNA trafficking and function in cardiac disease	DFG <i>CRCTRR267, A2</i>	C. Weber M. Sattler	2019-2023
The role of miR-10a and let-7b in cellular energy metabolism during macrophage polarization and atherosclerosis	DFG <i>WE 6160/1-1</i>	Y. Wei A. Schober	2016-2020

Third Party Funding

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Neutrophils fatten atherosclerotic lesions	DFG <i>OE465/1-1</i>	A. Ortega-Gomez	2018-2022
B Cell Autoimmunity in ApoE-deficient (ApoE ^{-/-}) Mice	DFG <i>YI133 /3-5</i> <i>HA1083/15-5</i>	C. Yin A. Habenicht	2019-2022
microRNA-regulated processes in keratinocytes after exposure to sulfur mustard: modulation by mimics and antagomirs	DFG <i>RI 808/6-1</i>	C. Ries	2019-2022
Immunotherapy of Vascular Disease	DZHK	O. Söhnlein C. Weber	2015-2018
Late pre-clinical development of CD40-TRAF6 inhibitors (TRAF-STOPs) part I: Go - No Go project	DZHK <i>High Risk High Volume Late Translational Project</i>	E. Lutgens C. Weber D. Atzler	2017-2019
Elucidation of a novel mediator of monocyte recruitment: the calcium-sensing receptor	DZHK	E. van der Vorst U. Wagner	2018-2019
Nfe2l1-mediated proteasomal activity in heart function and cardiovascular disease	DZHK	A. Bartelt	2018-2023
CARDIOMETABOLISM	DZHK	A. Bartelt <i>S. Herzig</i>	2019-2020
PostDoc Start up – late career	DZHK	Y. Döring	2019-2020
Promotion of women scientists	DZHK	Y. Döring	2019-2020
Immunotherapy of Vascular Disease	DZHK	O. Söhnlein	2019-2020

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Genetic discovery-based targeting of the vascular interface in atherosclerosis	DZHK-BHF	J. Duchene C. Weber	2019-2022
Endocannabinoid lipidomics	BMBF DZHK Shared Expertise	S. Steffens	2018
Fighting Atherosclerotic Plaques in Coronary Artery Disease Via Targeting Neuroimmune Interfaces	BMBF <i>ERA-CVD</i> <i>PLAQUEFIGHT</i>	A. Habenicht	2018-2021
Pericardial immune cell cross talk in cardiac repair and remodeling	BMBF DZHK <i>81Z0600205</i>	S. Steffens	2019-2020
NEMO-IMMUNE	BMBF <i>ERA-CVD</i>	S-L. Puhl	2019-2022
AtheroInside	BMBF <i>ERA-CVD</i>	R. Megens <i>B. Slütter</i> <i>K. Raemdonck</i>	2019-2022
Modulation of microRNA-regulated processes in skin and inflammatory cells as a therapeutic option for sulfur mustard-induced wound healing disorders.	BAAINBw <i>EU2AD/ID016/IF559</i>	C. Ries	2019-2022
Proteasomal protein quality control in muscle activity and metabolic fitness	LMUexcellent	A. Bartelt	2018
CODEX machine	LMUexcellent	O. Söhnlein	2019
LMU Excellent Junior Research Fund	LMUexcellent <i>867949-0</i>	C. Yin	2019-2020

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Elucidating the interaction of Neutrophil extracellular traps (NETs) and smooth muscle cells during atherosclerotic plaque destabilization	Else-Kröner-Fresenius Foundation	C. Silvestre-Roig	2017-2019
Hypercholesterolemia-induced extramedullary hematopoiesis generates neutrophil subsets	Else-Kröner-Fresenius Foundation	O. Söhnlein	2018-2021
Role of Mir21 in endothelial regeneration during atherosclerosis	Else-Kröner-Fresenius Foundation 2015_A183	M. Nazari-Jahantigh	2019
Optoacoustic imaging of atherosclerosis	Visualsonics	O. Söhnlein	2019-2020
Resolution of myocardial infarction	Thyssen Krupp Stiftung	G. Leoni O. Söhnlein	2016-2018
Immune-Lipid Crosstalk Research Group	Aachen Interdisciplinary Center for Clinical Research	E. van der Vorst	2019-2021
Circadian plaque destabilization	Swedish Heart Lung Foundation	O. Söhnlein	2019-2020
Targeting immune-lipid crosstalk in leukocytes: focus on HDL dependent regulation of chemokine-receptor signaling	NWO-ZonMw Veni	E. van der Vorst	2019-2021
Importance of formyl peptide receptor 1 in emergency neutrophil mobilization	Vetenskapsrådet	O. Söhnlein	2017-2021
Targeting epigenetic REPROGRamming of innate immune cells in Atherosclerosis Management and other chronic inflammatory diseases	REPROGRAM	E. Lutgens	2016-2019

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Cell-specific vascular protection by CXCL12/ CXCR4 PROVASC	ERC	C. Weber	2016-2022
PROTEOFIT Adapting protein fate for muscle function and fitness	ERC	A. Bartelt	2019-2024
ITN European Vascular Interventions and Therapeutic Innovation Network	European Union	O. Söhnlein	2016-2019
Molecular mechanisms linking the CXCL12 pathway to atherosclerosis	NIH 1R01HL122843	Y. Döring C. Weber D. Saleheen	2017-2020
Clonal hematopoiesis and atherosclerosis	Leducq foundation	O. Söhnlein	2019-2023