

Foko-Projects since 2010 – Dept. Cardiology

Funding Source	Title	Duration
Forschungs-kommission Med. Fak. HHU	Interaktion zwischen Blutdruck-induziertem Endothelschaden und endothelialer Regeneration bei HAT (PD Dr. Heiss)	2010-2012
Forschungs-kommission Med. Fak. HHU	Bedeutung der erythrozytären NO-Synthese in der Pathogenese der akzelerierten Arteriosklerose (PD Dr. Westenfeld)	2011-2012
Forschungs-kommission Med. Fak. HHU	Non-endothelial eNOS for the regulation of blood pressure (PD Dr. Cortese-Krott)	2010-2013
Forschungs-kommission Med. Fak. HHU	Inflammation Imaging with 19F - From mouse to man (Dr. Bönner, Prof. Schrader)	2012-2013
Forschungs-kommission Med. Fak. HHU	Targeting of Rho-regulated signaling in prevention and therapy of anthracycline-induced cardiotoxicity (Prof. Merx, Prof. Fritz)	2012-2013
Forschungs-kommission Med. Fak. HHU	Modifikation der Titin-basierten Myofilamentsteifigkeit (Prof. Kelm, Prof. Krüger, Prof. Fischer)	2012-2013
Forschungs-kommission Med. Fak. HHU	Communication of intracardiac parasympathetic neurons and cardiomyocytes (PD Dr. Meyer)	2013-2014
Forschungs-kommission Med. Fak. HHU	Remote ischaemic preconditioning and cardioprotection — the impact of inorganic nitrite (Dr. Totzeck)	2013-2016
Forschungs-kommission Med. Fak. HHU	Platelets derived macrophage migration inhibitory factor (MIF) mediates thrombus formation (Dr. Lüdike)	2013-2016
Forschungs-kommission Med. Fak. HHU	The impact of chronic electrical vagus nerve stimulation on myocardial function and outcome in a rodent model of sepsis-induced cardiomyopathy (PD Dr. Saygili)	2014-2016
Forschungs-kommission Med. Fak. HHU	Role of red cell eNOS in cardioprotection against I/R Injury (PD Dr. Cortese-Krott)	2014-2016
Forschungs-kommission Med. Fak. HHU	Neuronal Modulation Of Cardiac Arrhythmogenesis: Impact of HCN Channels (Dr. Eickholt)	2014-2016
Forschungs-kommission Med. Fak. HHU	The non-neuronal cholinergic system in cardiomyocytes: mechanisms to augment the parasympathetic tone in experimental myocardial infarction (Dr. Rana)	2014-2016
Forschungs-kommission Med. Fak. HHU	Modulation of vascular function by dietary anthocyanins (Dr. Rodriguez-Mateos)	2014-2016
Forschungs-	Target guided myocardial tissue sampling using	2014-2016

kommission Med. Fak. HHU	Magnetic Resonance guidance (PD Dr. Neizel-Wittke)	
Forschungs- kommission Med. Fak. HHU	The role of Shingosine-1-Phosphate in Myocardial Infarction (Dr. Polzin)	2014-2016
Forschungs- kommission Med. Fak. HHU	Circulating microparticles affect endothelial function and hemostasis in patients with left ventricular assist devices (Dr. Horn)	2015-2016
Forschungs- kommission Med. Fak. HHU	Modulation of response-to-injury by dietary bioactives: flavanols and vascular regeneration (Dr. Sansone)	2015-2016
Forschungs- kommission Med. Fak. HHU	A translational approach to the role of eNOS in age-related impairment of flowdependent collateral formation (Dr. Schuler)	2016-2017
Forschungs- kommission Med. Fak. HHU	Metabolic Determinants of Cardiac Function (Frau Dr. Szendrödi in cooperation with Dr R. Westenfeld and D. Scheiber)	2016-2017
Forschungs- kommission Med. Fak. HHU	Is clipping of secondary mitral regurgitation efficient in patients with dilative cardiomyopathy? (Fr. Dr. Hellhammer)	2016-2017
Forschungs- kommission Med. Fak. HHU	Role of Arginase-1 in Ischemia and Reperfusion Injury (Prof. Jung)	2016-2017