

Organisation in the Herz-Kreislauf-Netz (Cardiovascular Diseases Network)

Committees:

Internal Steering committee

Speaker: Prof. Dr. Hugo A. Katus

Members: Prof. Dr. Heribert Schunkert
Prof. Dr. Gerd Hasenfuß
Prof. Dr. Reinhold Kreutz
Prof. Dr. Martin Paul
PD Dr. Stefan Kääh

International Advisory Board

Prof. Dr. A. Wilde (Amsterdam)
Prof. Dr. N. Samani (Leicester)
Prof. Dr. W. McKenna (London)
Prof. ssa Dr. E. Arbustini (Pavia)

Main research topics and projects leaders:

Hypertension and cardiovascular end organ damage

Prof. Dr. Reinhold Kreutz (Berlin)

Subprojects:

Comparative genomics of left ventricular hypertrophy and dysfunction in hypertension

Prof. Dr. Reinhold Kreutz (Berlin)

Functional genomics of cardiac damage in hypertension

Prof. Dr. Martin Paul (Berlin)

Functional genomics of vascular damage in hypertension

Prof. Dr. Thomas Unger (Berlin)

Coronary artery disease and myocardial infarction

Prof. Dr. Heribert Schunkert (Lübeck)

Subprojects:

Genetics of coronary morphology

Prof. Dr. Heribert Schunkert (Lübeck)

Identification of genes for monogenic forms of myocardial infarction

PD Dr. Jeanette Erdmann (Lübeck)

Genome-wide assessment of siblings with myocardial infarction

Prof. Dr. Christian Hengstenberg (Regensburg)

Causes, pathways and modifiers of cardiomyopathies

Prof. Dr. Hugo A. Katus (Heidelberg)

Subprojects:

Contribution of genetic variation in modifier genes to cardiomyopathy phenotypes

Prof. Dr. Hugo A. Katus (Heidelberg)

Identification and characterization of molecular pathways in the pathogenesis of cardiomyopathies

Dr. Norbert Frey (Heidelberg)

Identification of genetic modifier of cardiomyopathies in mice

Dr. Boris Ivandic (Heidelberg)

Zebra fish mutants as a model for human cardiomyopathy

Dr. Wolfgang Rottbauer (Heidelberg)

Prevalence of titin mutations and identification of novel disease genes in patients with familial dilated cardiomyopathy

PD Dr. Dieter Weichenhan (Heidelberg)

in cooperation with:

Prof. Dr. Ludwig Thierfelder (Berlin)

Heart failure

Prof. Dr. Gerd Hasenfuß (Göttingen)

Subprojects:

Genomics of diastolic heart failure

Prof. Dr. Gerd Hasenfuß (Göttingen)

Genetic epidemiology of heart failure

Prof. Dr. Heike Bickeböller (Göttingen)

Genomic predictors of heart failure following anthracycline cancer therapy

Prof. Dr. Leszek Wojnowski (Mainz)

Hemostaseology / Atherosclerosis

Subprojects:

Inflammation and immune response in the pathogenesis of typ 2 diabetes and atherosclerosis: Testing the common soil hypothesis

Prof. Dr. Wolfgang Koenig (Ulm)

Genotype-phenotype association studies in clinically well characterized patients with inherited bleeding disorders

Prof. Dr. Johannes Oldenburg (Bonn)

Von Willebrand factor

Prof. Dr. Reinhard Schneppenheim (Hamburg)

Net projects:

Net project 1: Coordination office

Dr. Tanja Weis (Heidelberg)

Net project 2: Population genetics of cardiovascular diseases

Steering committee:

Prof. Dr. Hugo A. Katus (Heidelberg)

Prof. Dr. Heribert Schunkert (Lübeck)

PD Dr. Stefan Käab (München)

Prof. Dr. Erich Wichmann (München)

Net project 3: Antisense-oligonucleotid-mediated gene knock down in Zebra fish embryo for the evaluation of novel cardiovascular genes

Dr. W. Rottbauer (Heidelberg)