

1. Atherosclerosis, Thrombosis and Vascular Biology

Research Area: Endothelial Cell Biology and Angiogenesis

Team Leader: Ao.Univ.-Prof. Dipl.-Ing. Dr. Johannes A. Schmid

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: johannes.schmid@meduniwien.ac.at

Projects and Project Leaders:

„Role of the Inflammatory NF- κ B Pathway“

Project Leader: Ao.Univ.-Prof. Dipl.-Ing. Dr. Johannes A. Schmid

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: johannes.schmid@meduniwien.ac.at

Research Area: Abdominal Aortic Aneurysm

Team Leaders: Ao.Univ.-Prof.Dr. Christine Brostjan; Ao.Univ.-Prof. Dr.med.univ. Christoph Neumayer

Department of General Surgery, Division of Vascular Surgery, MedUV

E-Mail: christine.brostjan@meduniwien.ac.at; christoph.neumayer@meduniwien.ac.at

Projects and Project Leaders:

„Mechanisms of NET (Neutrophil Extracellular Trap) Formation in Abdominal Aortic Aneurysm and Associated Therapeutic Potential“

Project Leader: Ao.Univ.-Prof.Dr. Christine Brostjan

Department of General Surgery, Division of Vascular Surgery, MedUV

E-Mail: christine.brostjan@meduniwien.ac.at

„Metformin Therapy to Inhibit Progression in Patients with Abdominal Aortic Aneurysm (MetAAA Trial)“

Project Leader: Dr.med.univ. PhD Wolf Hans Eilenberg

Department of General Surgery, Division of Vascular Surgery, MedUV

E-Mail: wolf.eilenberg@meduniwien.ac.at

Team Leaders: Dr.med.univ. PhD Wolf Hans Eilenberg; Ao.Univ.-Prof. Dr.med.univ. Christoph Neumayer

Department of General Surgery, Division of Vascular Surgery, MedUV

E-Mail: wolf.eilenberg@meduniwien.ac.at; christoph.neumayer@meduniwien.ac.at

Projects and Project Leaders:

„Analysis of Bridging Covered Stents in Fenestrated/Branched Endovascular Aortic Repair by an Advanced Vascular Perfusion Model“

Project Leader: Dr.med.univ. PhD Wolf Hans Eilenberg

Department of General Surgery, Division of Vascular Surgery, MedUV

E-Mail: wolf.eilenberg@meduniwien.ac.at

„Predictive Markers of Spinal Cord Ischemia and Outcome of Cerebrospinal Fluid Drainage following TEVAR and F/B-EVAR“

Project Leader: Dr.med.univ. PhD Wolf Hans Eilenberg

Department of General Surgery, Division of Vascular Surgery, MedUV

E-Mail: wolf.eilenberg@meduniwien.ac.at

Team Leader: Ao.Univ.-Prof. Dr.med.univ. Christoph Neumayer

Division of Vascular Surgery, MedUV

E-Mail: christoph.neumayer@meduniwien.ac.at

Project and Project Leader:

„EMMPRIN as Potential Biomarker for Identification of Vulnerable Plaques in Patients with Asymptomatic Carotid Stenosis“

Project Leader: DDr. Stephanie Kampf

Division of Vascular Surgery, MedUV

E-Mail: stephanie.kampf@meduniwien.ac.at

Research Area: The Skin Microenvironment in Health and Disease

Team Leader: Univ.-Prof. Dr.med.univ. Peter Petzelbauer

Skin & Endothelium Research Division (SERD), Department of Dermatology, MedUV

E-Mail: peter.petzelbauer@meduniwien.ac.at

Projects and Project Leaders:

„Dissecting the Interplay of Fibroblasts with the Vascular Niche in Skin Homeostasis, Disease and Regeneration“

Project Leader: Mag. Dr. Beate Lichtenberger

Skin & Endothelium Research Division (SERD), Department of Dermatology, MedUV

E-Mail: beate.lichtenberger@meduniwien.ac.at

„Vascular Tight Junctions in Health and Disease“

Project Leader: Dipl.-Ing. (FH) Dr. Klaudia Schossleitner

Skin & Endothelium Research Division (SERD), Department of Dermatology, MedUV

E-Mail: klaudia.schossleitner@meduniwien.ac.at

„Vascular Modelling in Health and Disease“

Project Leader: Ap. Prof. Priv. Doz. Dr. Dr. Benedikt Weber

Skin & Endothelium Research Division (SERD), Department of Dermatology, MedUV

E-Mail: benedikt.weber@meduniwien.ac.at

Research Area: Coagulatory Phenotypes of Monocyte and Macrophage Subsets

Team Leader: Ao.Univ.-Prof. Dr. Johann Wojta

Core Facility and Department of Internal Medicine II, Cardiology, MedUV

E-Mail: johann.wojta@meduniwien.ac.at

Projects and Project Leaders:

„The Role of IL-4 Receptor Signaling in Macrophage Biology“ and „Therapeutic Options to Treat Cardiovascular and Pulmonary Diseases“

Project Leader: Dr. Philipp Hohensinner

Center for Biomedical Research, MedUV

E-Mail: philipp.hohensinner@meduniwien.ac.at

„Immune Activation in Dyslipidemia“

Project Leader: Priv.-Doz. Dr. PhD Konstantin Krychtiuk

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: konstantin.krychtiuk@meduniwien.ac.at

Research Area: Immune Functions of Atherosclerosis and Thrombosis

Team Leader: Univ.-Prof. DDr. Christoph J. Binder

Department of Laboratory Medicine, MedUV

E-Mail: christoph.binder@meduniwien.ac.at

Projects and Project Leaders:

„Extracellular Vesicles as Mediators of Atherothrombosis“

Project Leader: Dr.rer.nat. Taras Afonyushkin

Dept. of Laboratory Medicine, MedUV

E-Mail: taras.afonyushkin@meduniwien.ac.at

„Complement and Atherothrombosis“

Project Leader: Dr.rer.nat. Nikolina Papac-Milicevic

Dept. of Laboratory Medicine, MedUV

E-Mail: nikolina.papac-milicevic@meduniwien.ac.at

„Humoral Immunity and Atherosclerosis“

Project Leader: Florentina Porsch, PhD

E-Mail: florentina.porsch@meduniwien.ac.at

Research Area: Lipoprotein Metabolism in Health and Disease

Team Leader: Ao.Univ.-Prof. Dr. Herbert Stangl

Department for Medical Chemistry and Pathophysiology, Center for Pathobiochemistry and Genetics, MedUV

E-Mail: herbert.stangl@meduniwien.ac.at

Projects and Project Leaders:

„Interaction of Lipoprotein Particles and Lipid Transfer with Lipid Bilayers- and Cell Membranes and cell systems / liver organoids“

Project Leader: Ao.Univ.-Prof. Dr. Herbert Stangl

Department for Medical Chemistry and Pathophysiology, Center for Pathobiochemistry and Genetics, MedUV

E-Mail: herbert.stangl@meduniwien.ac.at

„Lipoprotein Metabolism in Cancer Immunology“

Project Leader: Mag.rer.nat. PhD Raimund Oberle

Department for Medical Chemistry and Pathophysiology, Center for Pathobiochemistry and Genetics, MedUV

E-Mail: raimund.oberle@meduniwien.ac.at

„Vascular Aging and Atherosclerosis“

Project Leader: Mag.rer.nat. PhD Selma Osmanagic-Myers

Department for Medical Chemistry and Pathophysiology, Center for Pathobiochemistry and Genetics, MedUV

E-Mail: selma.osmanagic-myers@meduniwien.ac.at

Research Area: Mechanisms of Vascular Occlusion

Team Leader: Univ.-Prof. Dr.med.univ. Irene M. Lang

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: irene.lang@meduniwien.ac.at

Projects and Project Leaders:

„Pulmonary Vascular Disease“

Project Leader: Assoc. Prof. Priv.-Doz. Dr.med.univ. Nika Skoro-Sajer; Dr. Christian Gerges

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: nika.skoro-sajer@meduniwien.ac.at; christian.gerges@meduniwien.ac.at

„Beyond Lipid Lowering – Defining Residual Risk of Cardiovascular Events in the PACMAN-AMI Trial“

Project Leader: MSc. Anna Ondracek

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: anna.ondracek@meduniwien.ac.at

„Flow Cytometric Characterization of Lymph Nodes in Chronic Thromboembolic Pulmonary Hypertension“

Project Leader: Mag.rer.nat. Johanna Rinderer

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: johanna.rinderer@meduniwien.ac.at

„Cathepsin G Bypasses the Classic Renin Angiotensin System, Leading to Enhanced Neutrophil Extracellular Trap Formation“ and „Fibrocytes and Neutrophil Extracellular Traps at the Culprit Lesion Site in Myocardial Infarction: a Role for Monocyte Chemoattractant Protein 1“

Project Leader: Dr.med.univ. Thomas Hofbauer

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: thomas.hofbauer@meduniwien.ac.at

Research Area: Thrombosis, Platelets and Micro-Particles

Team Leader: Ao.Univ.-Prof.Dr. Bernd Jilma

Department of Clinical Pharmacology, MedUV

E-Mail: bernd.jilma@meduniwien.ac.at

Project and Project Leader:

„Feasibility of Preclinical Cangrelor Treatment: a Pilot Trial“

Project Leader: Dr.med.univ. Georg Gelbenegger

Department of Clinical Pharmacology, MedUV

E-Mail: georg.gelbenegger@meduniwien.ac.at

Research Area: Platelet Biology

Team Leader: Assoc. Prof. Mag. Dr. Alice Assinger

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: alice.assinger@meduniwien.ac.at

Projects and Project Leaders:

„An Unexpected Role of ApoCIII in Platelet Activation“

Project Leader: MMag. PhD Waltraud Schrottmaier

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: waltraud.schrottmaier@meduniwien.ac.at

„The Role of Bacterial OMVs for Platelet Function in Infection“

Project Leader: MMag. PhD Waltraud Schrottmaier

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: waltraud.schrottmaier@meduniwien.ac.at

„Platelet Function in COVID-19“

Project Leader: MMag. PhD Waltraud Schrottmaier

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: waltraud.schrottmaier@meduniwien.ac.at

„The Role of Altered Platelet Functions during Aging in Inflammatory Diseases“

Project Leader: MSc. Anita Pirabe

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: anita.pirabe@meduniwien.ac.at

„Immunothrombosis in primary and secondary infections“

Project Leader: MSc. Anna Schmuckenschlager

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: anna.schmuckenschlager@meduniwien.ac.at

„Platelet-Neutrophil Interactions in the liver: NETs and beyond“

Project Leader: MSc. Laura Brunthaler

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: laura.brunthaler@meduniwien.ac.at

Team Leader: Ao.Univ.-Prof. Dipl.-Ing. Dr. Johannes A. Schmid

E-Mail: johannes.schmid@meduniwien.ac.at

Projects and Project Leaders:

„Effects of Inflammation on Megakaryocytes and Platelets“

Project Leader: Ao.Univ.-Prof. Dipl.-Ing. Dr. Johannes Schmid

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: johannes.schmid@meduniwien.ac.at

Research Area: Vascular Proteomics

Team Leader: Assoc. Prof. Dipl.-Ing. Dr. Maria Zellner

Dept. of Vascular Biology and Thrombosis Research, MedUV

E-Mail: maria.zellner@meduniwien.ac.at

Research Area: Personalized Approaches for Antithrombotic Therapies

Team Leader: Assoc. Prof. Priv.-Doz. Dr. PhD. Jolanta Siller-Matula

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: jolanta.siller-matula@meduniwien.ac.at

Projects and Project Leaders:

„Optimal Antiplatelet Strategies for Net-Clinical Benefit“

Project Leader: Assoc. Prof. Priv.-Doz. Dr. PhD. Jolanta Siller-Matula; Dr.med.univ. Georg Gelbenegger

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: jolanta.siller-matula@meduniwien.ac.at; georg.gelbenegger@meduniwien.ac.at

„Platelet-Derived Non Coding RNAs in Percutaneous Coronary Intervention and Diabetes Mellitus“

Project Leader: Dr.med.univ. Gloria Gager

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: gloria.gager@meduniwien.ac.at

„Metabolome in Arterial Thrombosis in Patients with Myocardial Infarction“

Project Leader: Dr.med.univ. Christoph Fuchssteiner

[Zentrum für Anatomie und Zellbiologie, MedUV](#)

E-Mail: christoph.fuchssteiner@meduniwien.ac.at

„Valve Thrombosis after Transcatheter Aortic Valve Implantation“

Project Leader: Dr.med.univ. Gloria Gager

Department of Internal Medicine II, Cardiology, MedUV

E-Mail: gloria.gager@meduniwien.ac.at

Research Area: Atherosclerosis, Thrombosis and Vascular Biology

Team Leaders: Assoc. Prof. Priv.-Doz. Dr.med.univ. Cihan Ay; Univ.-Prof.Dr. Ingrid Pabinger

Department of Internal Medicine I, MedUV

E-Mail: cihan.ay@meduniwien.ac.at; ingrid.pabinger@meduniwien.ac.at

Project and Project Leader:

„Investigation of Bleeding Risk in Patients with Venous Thromboembolism – a Prospective Cohort Study“

Project Leader: Dr.med.univ. Stephan Nopp

Department of Internal Medicine I, MedUV

E-Mail: stephan.nopp@meduniwien.ac.at

Research Area: Venous Thromboembolism and Hemostatic System Activation

Team Leaders: Univ.-Prof. Dr. Sabine Eichinger

Department of Internal Medicine I, MedUV

E-Mail: sabine.eichinger@meduniwien.ac.at

Projects and Project Leaders:

„Risk of Recurrent Venous Thromboembolism“

Project Leader: Dr.med.univ. Lisbeth Eischer

Department of Medicine I, MedUV

E-Mail: lisbeth.eischer@meduniwien.ac.at

„Platelet Function Inhibitors and Hemostatic System Activation“

Project Leader: PD Dr. Ludwig Traby

Department of Medicine I, MedUV

E-Mail: ludwig.traby@meduniwien.ac.at

„SARS-CoV-2 Related Coagulopathies“

Project Leader: Univ.-Prof. Dr. Sabine Eichinger

Department of Medicine I, MedUV

E-Mail: sabine.eichinger@meduniwien.ac.at

„Evaluation of Thrombus Formation in the Microcirculation and in Perfusion Chamber Models“

Project Leader: Univ.-Prof. Dr. Sabine Eichinger

Department of Medicine I, MedUV

E-Mail: sabine.eichinger@meduniwien.ac.at

„Cyclic Thrombocytopenia-Biobank and Registry“

Project Leader: Dr.med.univ. Lisbeth Eischer

Department of Medicine I, MedUV

E-Mail: lisbeth.eischer@meduniwien.ac.at

Research Area: Acute Pulmonary Embolism

Team Leader: Ass.-Prof. Dr.med.univ. Karin Janata-Schwartzek

Department of Emergency Medicine, MedUV

E-Mail: karin.janata-schwartzek@meduniwien.ac.at

Project and Project Leader:

„Registry of Patients with Confirmed Acute Pulmonary Embolism“

Project Leader: Ass.-Prof. Dr.med.univ. Karin Janata-Schwartzek

Department of Emergency Medicine, MedUV

E-Mail: karin.janata-schwartzek@meduniwien.ac.at

Research Area: Smoking Induced Vascular Changes

Team Leader: Assoc.-Prof. Priv.-Doz. Mag. PhD. Barbara Messner

Division of Cardiac Surgery, MedUV

E-Mail: barbara.messner@meduniwien.ac.at

Project and Project Leader:

„The Impact of Electronic Cigarette Smoke on Vascular Functions“

Project Leader: *Assoc.-Prof. Priv.-Doz. Mag. PhD. Barbara Messner*

Division of Cardiac Surgery, MedUV

E-Mail: barbara.messner@meduniwien.ac.at