

## Cardiovascular and Cardiac Imaging

### Research Area: Advances in Cardiovascular and Cardiac Imaging

***Team Leader: Ao.Univ.-Prof. Dr.med.univ. Christian Loewe***

Department of Bioimaging and Image-Guided Therapy; Division of Cardiovascular and Interventional Radiology, MedUV

E-Mail: [christian.loewe@meduniwien.ac.at](mailto:christian.loewe@meduniwien.ac.at)

### **Projects and Project Leaders:**

**„Personalized Techniques and Advanced Postprocessing in Cardiovascular Imaging“**

**Project Leaders: Dr.med.univ. Daniel Toth; Assoc.-Prof. Dr. Stefan Puchner**

Department of Bioimaging and Image-Guided Therapy, Division of Cardiovascular and Interventional Radiology, MedUV

E-Mail: [daniel.toth@meduniwien.ac.at](mailto:daniel.toth@meduniwien.ac.at); [stefan.puchner@meduniwien.ac.at](mailto:stefan.puchner@meduniwien.ac.at)

**„Modern Multiparametric Computed Tomography (CT) of the Heart and Coronary Arteries“**

**Project Leaders: Dr. Dietrich Beitzke; Assoc.-Prof. Dr. Stefan Puchner; Ao.Univ.-Prof. Dr.med.univ. Christian Loewe**

Department of Bioimaging and Image-Guided Therapy; Division of Cardiovascular and Interventional Radiology, MedUV

E-Mail: [dietrich.beitzke@meduniwien.ac.at](mailto:dietrich.beitzke@meduniwien.ac.at); [stefan.puchner@meduniwien.ac.at](mailto:stefan.puchner@meduniwien.ac.at); [christian.loewe@meduniwien.ac.at](mailto:christian.loewe@meduniwien.ac.at)

### Research Area: Multiparametric Non-Invasive Cardiac Imaging for the Evaluation of Cardiac Flow, Function and Structure

***Team Leaders: Ao.Univ.-Prof. Dr.med.univ. Christian Loewe; Dr. Dietrich Beitzke***

Department of Bioimaging and Image-Guided Therapy; Division of Cardiovascular and Interventional Radiology, MedUV

E-Mail: [christian.loewe@meduniwien.ac.at](mailto:christian.loewe@meduniwien.ac.at); [dietrich.beitzke@meduniwien.ac.at](mailto:dietrich.beitzke@meduniwien.ac.at)

### Research Area: Sonography in the Emergency Department

***Team Leader: Ao.Univ.-Prof. Dr.med.univ. Hans Domanovits***

Department of Emergency Medicine, MedUV

E-Mail: [hans.domanovits@meduniwien.ac.at](mailto:hans.domanovits@meduniwien.ac.at)

**Research Area:**

**Team Leader: Univ.-Prof. Dr. MD Marcus Hacker**

Department of Biomedical Imaging and Image-Guided Therapy, MedUV

E-Mail: [marcus.hacker@meduniwien.ac.at](mailto:marcus.hacker@meduniwien.ac.at)

**Projects and Project Leaders:**

**„Molecular Imaging“**

**Project Leader: Assoc.-Prof. Dr. Xiang Li**

Department of Biomedical Imaging and Image-Guided Therapy, MedUV

E-Mail: [xiang.li@meduniwien.ac.at](mailto:xiang.li@meduniwien.ac.at)

**„Characterization of Detected Emboli in Patients with CTEPH Based on GPIIb / IIIa Expression“**

**Project Leader: DI. Dr. Tim Wollenweber**

Department of Biomedical Imaging and Image-Guided Therapy

E-Mail: [tim.wollenweber@meduniwien.ac.at](mailto:tim.wollenweber@meduniwien.ac.at)