

PRESS RELEASE

Promising preclinical proof of efficacy for the GP VI antibody

Dallas, Texas, Düsseldorf and Martinsried, Germany, 07. November 2024: A seminal paper about the role of GPVI in vascular aneurysms and successful therapeutic intervention with an anti-GPVI antibody in abdominal aortic aneurysms was published from our group together with colleagues from the Düsseldorf University in the AHA Journal [Arteriosclerosis, Thrombosis, and Vascular Biology](#) (ATVB).

Abdominal aortic aneurysms are consequences of atherosclerotic complications in patients with vascular disease characterized by the dilation of the abdominal aorta leading to high mortality. The destruction of the vessel wall of the aorta causes bulging of the aorta, fatal rupture, and subsequent thrombotic events and bleeding complications.

advanceCOR and collaborators from the University of Düsseldorf have recently published breakthrough data on the importance of GPVI for the development of aortic aneurysms.

Tobias Feige and colleagues around the team of Hubert Schelzig and Margitta Elvers proved in an animal model of aortic aneurysms that GPVI plays a major role on key platelet mediators and the clinical progression.

AdvanceCOR's inhibitory GPVI antibody proved the first pharmacological tool for the prevention of aortic aneurysms in vivo. This is promising preclinical proof of efficacy for the GPVI antibody in an important vascular disease without existing medical treatment options.

Please click below for the link to the paper at the AHA journal *Atherosclerosis, Thrombosis and Vascular Biology*

<https://www.ahajournals.org/doi/abs/10.1161/ATVBAHA.123.320615>

An editorial from ATVB by Mammadova Bach is also available for a justification of the data.

<https://www.ahajournals.org/doi/abs/10.1161/ATVBAHA.124.321703>

About advanceCOR

advanceCOR GmbH is a biotechnology company in Martinsried near Munich founded in 2012. The clinical and preclinical projects of advanceCOR are developed in collaboration with university research groups.

www.advancecor.com