

**Poster Presentation 02** September 22 18:00-19:00 Room 4 (Reception Hall 1)**Aortopathy**

Chairperson : Yasuhiro Maejima (Tokyo Medical and Dental University)

**P02-1 Molecular bases for the sex difference in aortic aneurysm formation in Marfan syndrome**

Qing Liu (Graduate School of Medicine and Faculty of Medicine, The University of Tokyo)

**P02-2 The integrity of extracellular matrix affects transduction of mechanical stress in the aortic wall**

Thang Quoc Bui (Department of Cardiovascular Surgery, University of Tsukuba)

**P02-3 Cell-specific function of fibulin-4 in progression of ascending aortic aneurysm in mice**

Caroline Antunes Lino (Department of Anatomy, University of Sao Paulo, Institute of Biomedical Sciences, Sao Paulo, Brazil)

**P02-4 Role of PAR1-Egr1 in the initiation of thoracic aortic aneurysm**

Seungjae Shin (Tsukuba university)

**P02-5 The role of Syk in pathogenesis of aortic dissection**

Youhei Hashimoto (Department of Internal Medicine, Division of Cardiovascular Medicine, Kurume University School of Medicine)

**P02-6 Involvement of Focal adhesion kinase in pathogenesis of aortic dissection**

Ryohei Majima (Division of Cardiovascular Medicine, Department of Internal Medicine, Kurume University School of Medicine)

**P02-7 Impact of CD44 on the development of thoracic aortic aneurysm and dissection in mice**

Omer Hatipoglu (Okayama University)

**P02-8 Angiotensin receptor-Nepriylsin Inhibition Attenuates Aortic Aneurysm in Mice**

Kouhei Tashiro (Fukuoka University School of Medicine)