

2011 AHA abstracts

- (1) Aizawa K, Yasuda S, Takahashi J, Kikuchi Y, Tsuburaya R, Ito Y, Takeda M, Takii T, Shimokawa H. Involvement of Rho-kinase activation in the pathogenesis of coronary hyperconstricting responses induced by drug-eluting stents in patients with coronary artery disease. (#8768)
- (2) Aoki T, Fukumoto Y, Sugimura K, Satoh K, Miura Y, Nochioka K, Tatebe S, Miyamichi-Yamamoto S, Nakayama M, Shimokawa H. Prognostic impact of myocardial fibrosis in patients with heart failure –Comparison between preserved and reduced ejection fraction heart failure- (#12377)
- (3) Aoki T, Fukumoto Y, Sugimura K, Satoh K, Miura Y, Nochioka K, Tatebe S, Miyamichi-Yamamoto S, Shimokawa H. Percutaneous transluminal pulmonary angioplasty markedly improves pulmonary hemodynamics in patients with distal-type chronic thromboembolic pulmonary hypertension. (#11867)
- (4) Hanawa K, Yasuda S, Aizawa K, Gao JY, Tsuburaya R, Kikuchi Y, Hao K, Ito Y, Ito K, Hasegawa H, Kanai H, Shimokawa H. Low-intensity pulsed ultrasound induces angiogenesis and ameliorates left ventricular dysfunction in a porcine model of chronic myocardial ischemia. (#12327)
- (5) Hao K, Yasuda S, Takii T, Ito Y, Kawana A, Takahashi J, Takeda M, Ito K, Shimokawa H, on behalf of the MIYAGI-AMI Study Investigators. Changes in prevalence and risk factors of acute myocardial infarction in the rural and urban district in Japan -Report from MIYAGI-AMI Registry Study- (#10522)
- (6) Hasebe Y, Kondo M, Yamamoto H, Nakano M, Wakayama Y, Fukuda K, Takayama K, Shimokawa H. Development of a novel shock wave catheter ablation system to overcome the limitations of the present radiofrequency catheter ablation therapy. (#10168)
- (7) Kawana A, Yasuda S, Takagi Y, Tsunoda R, Ogata Y, Seki A, Sumiyoshi T, Matsui M, Goto T, Tanabe Y, Sueda S, Sato T, Ogawa S, Kubo N, Momomura S, Ogawa H, Shimokawa H, on behalf of the Japanese Coronary Spasm Association. Gender differences in clinical characteristics and risk factors of patients with vasospastic

angina -A report from the nationwide multi-center registry by the Japanese Coronary Spasm Association- (#9477)

- (8) Kikuchi Y, Aizawa K, Yasuda S, Tsuburaya R, Ito Y, Takeda M, Nakayama M, Ito K, Takahashi J, Shimokawa H. Usefulness of Rho-kinase activity in circulating neutrophils for disease activity assessment of vasospastic angina. (#10222)
- (9) Nochioka K, Shiba N, Miura M, Shimokawa H. Statin use, but not low density lipoprotein cholesterol levels, is associated with better survival in Japanese patients with ischemic heart failure -Interim Analysis of the CHART-2 Study- (#14231)
- (10) Nakajima S, Ohashi J, Sawada A, Noda K, Shimokawa H. Evidence for the important role of the bone marrow in modulating microvascular endothelial responses and metabolic functions in mice. (#10236)
- (11) Noda K, Hosoya M, Nakajima S, Ohashi J, Shimokawa H. Combination therapy with olmesartan and azelnidipine exerts anti-atherogenic effects in diabetic Apolipoprotein E-deficient mice. (#9659)
- (12) Ohashi J, Sawada A, Takaki A, Noda K, Nakajima S, Shimokawa H. Multiple mechanisms are involved in enhanced endothelium-derived hyperpolarizing factor (EDHF)-mediated responses in microvessels in mice -A clue for novel strategy for vascular protection- (#11751)
- (13) Satoh K, Fukumoto Y, Sugimura K, Miura Y, Nochioka K, Aoki T, Tatebe S, Yamamoto S, Shimizu T, Nakamura K, Shimokawa H. Cyclophilin A plays an important role in the pathogenesis of pulmonary arterial hypertension in humans -Involvement of Rho-kinase Pathway- (#10569)
- (14) Schroder K, Benkhoff SB, Shimokawa H, Grisk O, Brandes RP. Leptin improves vascular function by inducing vascular expression of neuronal nitric oxide synthase (nNOS). (#12347)
- (15) Serizawa F, Ito K, Sato A, Shimokawa H. Non-invasive extracorporeal shock wave therapy ameliorates walking ability of patients with peripheral artery disease and intermittent claudication. (#11650)

- (16) Shafee MA, Fukuda K, Wakayama Y, Nakano M, Hasebe Y, Kondo M, Shimokawa H. Characteristics of patients with cardiac sarcoidosis presenting primarily with ventricular arrhythmias. (#14529)
- (17) Shimizu T, Satoh K, Tanaka S, Fukumoto Y, Shimokawa H. ROCK2 in vascular smooth muscle cells plays a crucial role for hypoxia-induced pulmonary hypertension in mice. (#9348)
- (18) Shiroto T, Sugiyama T, Sartoretto J, Kalwa H, Shimokawa H, Michel T. A key role for caveolin-1 in the regulation of oxidative stress. (#10814)
- (19) Suzuki H, Sumiyoshi A, Kawashima R, Shimokawa H. Evidence for different brain processing from the left and the right ventricles by brain functional MRI in rats. (#11313)
- (20) Takagi Y, Yasuda S, Tsunoda R, Ogata Y, Seki A, Sumiyoshi T, Matsui M, Goto T, Tanabe Y, Sueda S, Sato T, Ogawa S, Kubo N, Momomura S, Ogawa H, Shimokawa H, on Behalf of the Japanese Coronary Spasm Association. Novel clinical risk score for the prediction of cardiac events in patients with vasospastic angina -A report from the nationwide multi-center registry by the Japanese Coronary Spasm Association- (#9877)
- (21) Takahashi J, Yasuda S, Shiba N, Miyazaki M, Shimokawa H. Continuous renal replacement therapy for the treatment of acute decompensated heart failure and cardio-renal syndrome. (#12107)
- (22) Tanaka S, Nochioka K, Fukumoto Y, Shiba N, Miyoshi J, Williams CL, Liao JK, Shimokawa H. Crucial role of SmgGDS in the molecular mechanisms of the pleiotropic effects of HMG-CoA reductase inhibitors. (##9653)
- (23) Yada T, Shimokawa H, Hiramatsu O, Goto M, Ogasawara Y, Kajiya F. Important role of endogenous hydrogen peroxide during angiotensin type 1 receptor blockers administration in pacing-induced metabolic coronary vasodilatation in dogs in vivo. (#10892)