

English publication **2007** (留学先の業績含)

1. Akagi S, Matsubara H, Ogawa A, Kawai Y, Hisamatsu K, Miyaji K, Munemasa M, Fujimoto Y, Kusano KF, Ohe T. Prevention of catheter-related infections using a closed hub system in patients with pulmonary arterial hypertension. *Circ J.* 2007;71(4):559-564.
2. Banba K, Kusano KF, Nakamura K, Morita H, Ogawa A, Ohtsuka F, Ogo KO, Nishii N, Watanabe A, Nagase S, Sakuragi S, Ohe T. Relationship between arrhythmogenesis and disease activity in cardiac sarcoidosis. *Heart Rhythm.* 2007;4(10):1292-1299.
3. Date H, Kusano KF, Matsubara H, Ogawa A, Fujio H, Miyaji K, Okazaki M, Yamane M, Toyooka S, Aoe M, Sano Y, Hanazaki M, Goto K, Kasahara S, Sano S, Ohe T. Living-donor lobar lung transplantation for pulmonary arterial hypertension after failure of epoprostenol therapy. *Journal of the American College of Cardiology.* 2007;50(6):523-527.
4. Fearon WF, Potena L, Hirohata A, Sakurai R, Yamasaki M, Luikart H, Lee J, Vana ML, Cooke JP, Mocarski ES, Yeung AC, Valantine HA. Changes in coronary arterial dimensions early after cardiac transplantation. *Transplantation.* 2007;83(6):700-705.
5. Fuke S, Maekawa K, Kawamoto K, Saito H, Sato T, Hioka T, Ohe T. Impaired endothelial vasomotor function after sirolimus-eluting stent implantation. *Circ J.* 2007;71(2):220-225.
6. Hatanaka K, Doi M, Hirohata S, Kamikawa S, Kaji Y, Katoh T, Kusachi S, Ninomiya Y, Ohe T. Safety of and tolerance to adenosine infusion for myocardial perfusion single-photon emission computed tomography in a Japanese population. *Circ J.* 2007;71(6):904-910.
7. Hirohata A, Nakamura M, Waseda K, Honda Y, Lee DP, Vagelos RH, Hunt SA, Valantine HA, Yock PG, Fitzgerald PJ, Yeung AC, Fearon WF. Changes in coronary anatomy and physiology after heart transplantation. *The American journal of cardiology.* 2007;99(11):1603-1607.
8. Kajiya M, Hirota M, Inai Y, Kiyooka T, Morimoto T, Iwasaki T, Endo K, Mohri S, Shimizu J, Yada T, Ogasawara Y, Naruse K, Ohe T, Kajiya F. Impaired NO-mediated vasodilation with increased superoxide but robust EDHF function in right ventricular arterial microvessels of pulmonary hypertensive rats. *American journal of physiology.* 2007;292(6):H2737-2744.
9. Kirchmair R, Tietz AB, Panagiotou E, Walter DH, Silver M, Yoon YS, Schratzberger P, Weber A, Kusano K, Weinberg DH, Ropper AH, Isner JM, Losordo DW.

- Therapeutic Angiogenesis Inhibits or Rescues Chemotherapy-induced Peripheral Neuropathy: Taxol- and Thalidomide-induced Injury of Vasa Nervorum is Ameliorated by VEGF. *Mol Ther*. 2007;15(1):69-75.
10. Kobayashi M, Nakamura K, Kusano KF, Nakamura Y, Ohta-Ogo K, Nagase S, Sakuragi S, Ohe T. Expression of monocyte chemoattractant protein-1 in idiopathic dilated cardiomyopathy. *Int J Cardiol*. 2007.
 11. Kusano K, Tsutsumi Y, Dean J, Gavin M, Ma H, Silver M, Thorne T, Zhu Y, Losordo DW, Aikawa R. Long-term stable expression of human growth hormone by rAAV promotes myocardial protection post-myocardial infarction. *J Mol Cell Cardiol*. 2007;42(2):390-399.
 12. Losordo DW, Schatz RA, White CJ, Udelson JE, Veereshwarayya V, Durgin M, Poh KK, Weinstein R, Kearney M, Chaudhry M, Burg A, Eaton L, Heyd L, Thorne T, Shturman L, Hoffmeister P, Story K, Zak V, Dowling D, Traverse JH, Olson RE, Flanagan J, Sodano D, Murayama T, Kawamoto A, Kusano KF, Wollins J, Welt F, Shah P, Soukas P, Asahara T, Henry TD. Intramyocardial Transplantation of Autologous CD34+ Stem Cells for Intractable Angina. A Phase I/IIa Double-Blind, Randomized Controlled Trial. *Circulation*. 2007.
 13. Miyaji K, Tada H, Fukushima Kusano K, Hashimoto T, Kaseno K, Hiramatsu S, Tadokoro K, Naito S, Nakamura K, Oshima S, Taniguchi K, Ohe T. Efficacy and safety of the additional bepridil treatment in patients with atrial fibrillation refractory to class I antiarrhythmic drugs. *Circ J*. 2007;71(8):1250-1257.
 14. Morita H, Zipes DP, Morita ST, Wu J. Mechanism of U wave and polymorphic ventricular tachycardia in a canine tissue model of Andersen-Tawil syndrome. *Cardiovascular research*. 2007;75(3):510-518.
 15. Morita H, Zipes DP, Morita ST, Wu J. Temperature modulation of ventricular arrhythmogenicity in a canine tissue model of Brugada syndrome. *Heart Rhythm*. 2007;4(2):188-197.
 16. Morita H, Zipes DP, Morita ST, Wu J. Differences in arrhythmogenicity between the canine right ventricular outflow tract and anteroinferior right ventricle in a model of Brugada syndrome. *Heart Rhythm*. 2007;4(1):66-74.
 17. Morita ST, Zipes DP, Morita H, Wu J. Analysis of action potentials in the canine ventricular septum: no phenotypic expression of M cells. *Cardiovascular research*. 2007;74(1):96-103.
 18. Nagase S, Kusano KF, Yoshida M, Ohe T. Electrophysiologic characteristics of an Andersen syndrome patient with KCNJ2 mutation. *Heart Rhythm*. 2007;4(4):512-515.

19. Nakamura K, Katayama Y, Kusano KF, Haraoka K, Tani Y, Nagase S, Morita H, Miura D, Fujimoto Y, Furukawa T, Ueda K, Aizawa Y, Kimura A, Kurachi Y, Ohe T. Anti-KCNH2 antibody-induced long QT syndrome: novel acquired form of long QT syndrome. *Journal of the American College of Cardiology*. 2007;50(18):1808-1809.
20. Nakatsu T, Shinohata R, Mashima K, Yuki Y, Nishitani A, Toyonaga S, Ogawa H, Hirohata S, Usui S, Kusachi S. Use of plasma B-type natriuretic peptide level to identify asymptomatic hypertensive patients with abnormal diurnal blood pressure variation profiles: nondippers, extreme dippers, and risers. *Hypertens Res*. 2007;30(7):651-658.
21. Ohgo T, Nagase S, Fukushima Kusano K, Ohe T. Long-RP supraventricular tachycardia: what is the mechanism? *Heart Rhythm*. 2007;4(7):977.
22. Okada T, Ayada K, Usui S, Yokota K, Cui J, Kawahara Y, Inaba T, Hirohata S, Mizuno M, Yamamoto D, Kusachi S, Matsuura E, Oguma K. Antibodies against heat shock protein 60 derived from *Helicobacter pylori*: diagnostic implications in cardiovascular disease. *Journal of autoimmunity*. 2007;29(2-3):106-115.
23. Petersen EJ, Miyoshi T, Yuan Z, Hirohata S, Li JZ, Shi W, Angle JF. siRNA silencing reveals role of vascular cell adhesion molecule-1 in vascular smooth muscle cell migration. *Atherosclerosis*. 2007.
24. Sakuragi S, Tokunaga N, Okawa K, Kakishita M, Ohe T. A case of takotsubo cardiomyopathy associated with epileptic seizure: reversible left ventricular wall motion abnormality and ST-segment elevation. *Heart and vessels*. 2007;22(1):59-63.
25. Sakurai R, Yamasaki M, Nakamura M, Hirohata A, Honda Y, Bonneau HN, Luikart H, Yock PG, Fitzgerald PJ, Yeung AC, Valantine HA, Fearon WF. Determinants of lumen loss between years 1 and 2 after cardiac transplantation. *Transplantation*. 2007;84(9):1097-1102.
26. Sato T, Kobatake R, Yoshioka R, Fuke S, Ikeda T, Saito H, Maekawa K, Hioka T. Massive pulmonary thromboembolism in pregnancy rescued using transcatheter thrombectomy. *International heart journal*. 2007;48(2):269-276.
27. Sato T, Sunami H, Hioka T. Multiple spiral lumens in the coronary artery. *Internal medicine (Tokyo, Japan)*. 2007;46(15):1265-1266.
28. Tada T, Kusano KF, Ogawa A, Iwasaki J, Sakuragi S, Kusano I, Takatsu S, Miyazaki M, Ohe T. The predictors of central and obstructive sleep apnoea in haemodialysis patients. *Nephrol Dial Transplant*. 2007;22(4):1190-1197.
29. Taniguchi M, Akasaka T, Saito Y, Kaji S, Kawamoto T, Sukmawan R, Yoshitani H, Neishi Y, Ohe T, Tanemoto K, Yoshida K. Improvement of flow capacity of the left internal thoracic artery graft assessed by using a pressure wire. *The Journal of*

thoracic and cardiovascular surgery. 2007;134(4):1012-1016.