



Message From the Editor-in-Chief

Hiroaki Shimokawa, MD, PhD

Dear Colleagues

On behalf of the Japanese Circulation Society (JCS), I would like to let you know about the close partnership agreement between the JCS and the European Society of Cardiology (ESC) and the top 35 papers most frequently quoted in the 2010 issues of the *Circulation Journal*.

1. Close Partnership Between the JCS and the ESC

During the 2011 ESC Meeting in Paris, the JCS and the ESC had a fruitful meeting, confirming the close partnership between the 2 societies, as in the case with the American Heart Association (AHA) and the American College of Cardiology (ACC). Our agreement includes not only confirmation of the partnership but also active scientific interactions in meetings, memberships, educational activities, and publications by both sides. Indeed, the number of abstracts submitted from Japan for the 2011 ESC meeting was 1,213, a marked increase from the 550 in 2007, making Japan the No. 1 country in the world. Similarly, for the 2011 AHA meeting this year, Japan ranks No. 2 after the USA, with 1,848 abstract submissions. We, the JCS, would like to enhance the close partnerships with the ESC, AHA and ACC.

2. Top 35 Papers Most Frequently Quoted in the 2010 Issues of *Circulation Journal*

The following papers were among the top 35 papers most frequently cited in the 2010 issues of *Circulation Journal*. The number in the parenthesis denotes the number of citations in *Circulation Journal* in the year of 2010.

1. (20) Moses JW, Leon MB, Popma JJ, Fitzgerald PJ, Holmes DR, O'Shaughnessy C, et al; SIRIUS Investigators. Sirolimus-eluting stents versus standard stents in patients with stenosis in a native coronary artery. *N Engl J Med* 2003; **349**: 1315–1323.
2. (11) Serruys PW, Morice MC, Kappetein AP, Colombo A, Holmes DR, Mack MJ, et al; SYNTAX Investigators. Percutaneous coronary intervention versus coronary-artery bypass grafting for severe coronary artery disease. *N Engl J Med* 2009; **360**: 961–972.
3. (10) Morice MC, Serruys PW, Sousa JE, Fajadet J, Ban Hayashi E, Perin M, et al; RAVEL Study Group. A randomized comparison of a sirolimus-eluting stent with a standard stent for coronary revascularization. *N Engl J Med* 2002; **346**: 1773–1780.
- (10) Stone GW, Ellis SG, Cox DA, Hermiller J, O'Shaughnessy C, Mann JT, et al; TAXUS-IV Investigators. A polymer-based, paclitaxel-eluting stent in patients with coronary artery disease. *N Engl J Med* 2004; **350**: 221–231.
- (10) Higashi Y, Noma K, Yoshizumi M, Kihara Y. Endothelial function and oxidative stress in cardiovascular diseases. *Circ J* 2009; **73**: 411–418. (Review)
- (10) Honda Y. Drug-eluting stents: Insights from invasive imaging technologies. *Circ J* 2009; **73**: 1371–1380. (Review)
- (10) Yasuda S, Shimokawa H. Acute myocardial infarction: The enduring challenge for cardiac protection and survival. *Circ J* 2009; **73**: 2000–2008. (Review)
8. (9) Asahara T, Murohara T, Sullivan A, Silver M, van der Zee R, Li T, et al. Isolation of putative progenitor endothelial cells for angiogenesis. *Science* 1997; **275**: 964–967.
- (9) Haïssaguerre M, Jaïs P, Shah DC, Takahashi A, Hocini M, Quiniou G, et al. Spontaneous initiation of atrial fibrillation by ectopic beats originating in the pulmonary veins. *N Engl J Med* 1998; **339**: 659–666.
- (9) Lang RM, Bierig M, Devereux RB, Flachskampf FA, Foster E, Pellikka PA, et al; Chamber Quantification Writing Group; American Society of Echocardiography's Guidelines and Standards Committee; European Association of Echocardiography. Recommendations for chamber quantification: A report from the American Society of Echocardiography's Guidelines and Standards Committee and the Chamber Quantification Writing Group, developed in conjunction with the European Association of Echocardiography, a branch of the European Society of Cardiology. *J Am Soc Echocardiogr* 2005; **18**: 1440–1463. (Review)
- (9) Boden WE, O'Rourke RA, Teo KK, Hartigan PM, Maron DJ, Kostuk WJ, et al; COURAGE Trial Research Group. Optimal medical therapy with or without PCI for stable coronary disease. *N Engl J Med* 2007; **356**: 1503–1516.
- (9) Nissen SE, Nicholls SJ, Sipahi I, Libby P, Raichlen JS, Ballantyne CM, et al; ASTEROID Investigators. Effect of very high-intensity statin therapy on regression of coronary atherosclerosis: The ASTEROID trial. *JAMA* 2006; **295**: 1556–1565.
- (9) Vanhoute PM. Endothelial dysfunction: The first step toward coronary arteriosclerosis. *Circ J* 2009; **73**: 595–601. (Review)
- (9) Hirayama A, Saito S, Ueda Y, Takayama T, Honye J, Komatsu S, et al. Qualitative and quantitative changes in coronary

- plaque associated with atorvastatin therapy. *Circ J* 2009; **73**: 718–725.
15. (8) Falk E, Shah PK, Fuster V. Coronary plaque disruption. *Circulation* 1995; **92**: 657–671. (Review)
 - (8) Wyse DG, Waldo AL, DiMarco JP, Domanski MJ, Rosenberg Y, Schron EB, et al; Atrial Fibrillation Follow-up Investigation of Rhythm Management (AFFIRM) Investigators. A comparison of rate control and rhythm control in patients with atrial fibrillation. *N Engl J Med* 2002; **347**: 1825–1833.
 - (8) Nissen SE, Tuzcu EM, Schoenhagen P, Brown BG, Ganz P, Vogel RA, et al; REVERSAL Investigators. Effect of intensive compared with moderate lipid-lowering therapy on progression of coronary atherosclerosis: A randomized controlled trial. *JAMA* 2004; **291**: 1071–1080.
 - (8) Okazaki S, Yokoyama T, Miyauchi K, Shimada K, Kurata T, Sato H, et al. Early statin treatment in patients with acute coronary syndrome: Demonstration of the beneficial effect on atherosclerotic lesions by serial volumetric intravascular ultrasound analysis during half a year after coronary event: The ESTABLISH Study. *Circulation* 2004; **110**: 1061–1068.
 - (8) Kimura T, Morimoto T, Nakagawa Y, Tamura T, Kadota K, Yasumoto H, et al; j-Cypher Registry Investigators. Antiplatelet therapy and stent thrombosis after sirolimus-eluting stent implantation. *Circulation* 2009; **119**: 987–995.
 - (8) Hiro T, Kimura T, Morimoto T, Miyauchi K, Nakagawa Y, Yamagishi M, et al; JAPAN-ACS Investigators. Effect of intensive statin therapy on regression of coronary atherosclerosis in patients with acute coronary syndrome: A multicenter randomized trial evaluated by volumetric intravascular ultrasound using pitavastatin versus atorvastatin (JAPAN-ACS [Japan Assessment of Pitavastatin and Atorvastatin in Acute Coronary Syndrome] Study). *J Am Coll Cardiol* 2009; **54**: 293–302.
 - (8) Ogawa S, Yamashita T, Yamazaki T, Aizawa Y, Atarashi H, Inoue H, et al; J-RHYTHM Investigators. Optimal treatment strategy for patients with paroxysmal atrial fibrillation: J-RHYTHM Study. *Circ J* 2009; **73**: 242–248.
 - (8) Okubo M, Kawasaki M, Ishihara Y, Takeyama U, Yasuda S, Kubota T, et al. Tissue characterization of coronary plaques: Comparison of integrated backscatter intravascular ultrasound with virtual histology intravascular ultrasound. *Circ J* 2008; **72**: 1631–1639.
 - (8) Shimizu W. Clinical impact of genetic studies in lethal inherited cardiac arrhythmias. *Circ J* 2008; **72**: 1926–1936.
 24. (7) Schiller NB, Shah PM, Crawford M, DeMaria A, Devereux R, Feigenbaum H, et al. Recommendations for quantitation of the left ventricle by two-dimensional echocardiography: American Society of Echocardiography Committee on Standards, Subcommittee on Quantitation of Two-Dimensional Echocardiograms. *J Am Soc Echocardiogr* 1989; **2**: 358–367. (Review)
 - (7) Libby P. Inflammation in atherosclerosis. *Nature* 2002; **420**: 868–874. (Review)
 - (7) Ridker PM, Danielson E, Fonseca FA, Genest J, Gotto AM Jr, Kastelein JJ, et al; JUPITER Study Group. Rosuvastatin to prevent vascular events in men and women with elevated C-reactive protein. *N Engl J Med* 2008; **359**: 2195–2207.
 - (7) Van Gelder IC, Hagens VE, Bosker HA, Kingma JH, Kamp O, Kingma T, et al; Rate Control versus Electrical Cardioversion for Persistent Atrial Fibrillation Study Group. A comparison of rate control and rhythm control in patients with recurrent persistent atrial fibrillation. *N Engl J Med* 2002; **347**: 1834–1840.
 - (7) Fuster V, Rydén LE, Cannom DS, Crijns HJ, Curtis AB, Ellenbogen KA, et al; American College of Cardiology/American Heart Association Task Force on Practice Guidelines; European Society of Cardiology Committee for Practice Guidelines; European Heart Rhythm Association; Heart Rhythm Society. ACC/AHA/ESC 2006 Guidelines for the Management of Patients with Atrial Fibrillation: A report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines and the European Society of Cardiology Committee for Practice Guidelines (Writing Committee to Revise the 2001 Guidelines for the Management of Patients With Atrial Fibrillation): Developed in collaboration with the European Heart Rhythm Association and the Heart Rhythm Society. *Circulation* 2006; **7**: e257–e354.
 - (7) Joner M, Finn AV, Farb A, Mont EK, Kolodgie FD, Ladich E, et al. Pathology of drug-eluting stents in humans: Delayed healing and late thrombotic risk. *J Am Coll Cardiol* 2006; **48**: 193–202. (Review)
 - (7) Mintz GS, Nissen SE, Anderson WD, Bailey SR, Erbel R, Fitzgerald PJ, et al. American College of Cardiology Clinical Expert Consensus Document on Standards for Acquisition, Measurement and Reporting of Intravascular Ultrasound Studies (IVUS): A Report of the American College of Cardiology Task Force on Clinical Expert Consensus Documents. *J Am Coll Cardiol* 2001; **37**: 1478–1492.
 - (7) Daemen J, Wenaweser P, Tsuchida K, Abrecht L, Sophia V, Morger C, et al. Early and late coronary stent thrombosis of sirolimus-eluting and paclitaxel-eluting stents in routine clinical practice: Data from a large two-institutional cohort study. *Lancet* 2007; **369**: 667–678.
 - (7) Kawasaki M, Takatsu H, Noda T, Sano K, Ito Y, Hayakawa K, et al. In vivo quantitative tissue characterization of human coronary arterial plaques by use of integrated backscatter intravascular ultrasound and comparison with angioscopic findings. *Circulation* 2002; **105**: 2487–2492.
 - (7) Takayama T, Hiro T, Yamagishi M, Daida H, Hirayama A, Saito S, et al; COSMOS Investigators. Effect of rosuvastatin on coronary atheroma in stable coronary artery disease: Multicenter coronary atherosclerosis study measuring effects of rosuvastatin using intravascular ultrasound in Japanese subjects (COSMOS). *Circ J* 2009; **73**: 2110–2117.
 - (7) Kumagai K, Nakashima H. Noncontact mapping-guided catheter ablation of atrial fibrillation. *Circ J* 2009; **73**: 233–241.
 - (7) Yan Q, Changsheng M, Shaoping N, Xiaohui L, Junping K, Qiang L, et al. Percutaneous treatment with drug-eluting stent vs bypass surgery in patients suffering from chronic stable angina with multivessel disease involving significant proximal stenosis in left anterior descending artery. *Circ J* 2009; **73**: 1848–1855.

The Editorial Team looks forward to receiving manuscripts with high scientific impact from all over the world.

Hiroaki Shimokawa, MD, PhD

Editor-in-Chief

Circulation Journal

(Released online September 13, 2011)