

CURRICULUM VITAE

Name: Junya Ako, MD

Personal Information

Professional Address: Department of Cardiovascular Medicine

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Present Academic Rank and Position

Professor and Chairman

Vice Director

Education and Training

- | | |
|-----------|--|
| 2018- | Vice Director
Kitasato University Hospital |
| 2013- | Professor and Chairman (Cardiovascular Medicine)
Kitasato University |
| 2009-2013 | Professor of Medicine (Cardiology)
Saitama Medical Center, Jichi Medical University |
| 2006-2009 | Director of Academic Affairs,
Cardiovascular Core Analysis Laboratory, Stanford, California |
| 2001-2006 | Research Scholar
Stanford University, Stanford, California, USA |
| 1997-2001 | Assistant Professor, Geriatric Medicine,
University of Tokyo School of Medicine, Tokyo, Japan |

1996-1997 Research Associate, Cardiology and Geriatric Medicine,
University of Tokyo School of Medicine, Tokyo, Japan

Internships and Residencies:

1996 Chief Fellow, Department of Cardiology,
Mitsui Memorial Hospital, Tokyo, Japan

1993-1995 Clinical Fellow of Cardiology,
Mitsui Memorial Hospital, Tokyo, Japan

1992-1993 Resident, Department of Internal Medicine,
Mitsui Memorial Hospital, Tokyo, Japan

1991-1992 Junior Resident, Department of Internal Medicine,
University of Tokyo Hospital, Tokyo, Japan

1991 M.D. University of Tokyo

Board Certification

1994 Board Certified Member of the Japanese Society of Internal
Medicine

1997 Board Certified Member of the Japanese Geriatric Society

1998 Board Certified Member of the Japanese Circulation Society

1999 Fellow of Japanese Society of Internal Medicine

2002 Board Certified Member of the Japanese Interventional
Cardiology Society

Medical Licensure

1991 Full Medical License (Japan) #341267

Honors and awards

1997 IBM Irisawa Memorial Award

2002 Most improved presentation award

Center for Research in Cardiovascular Interventions, Stanford
University

Previous Professional Positions and Appointments

Hospital and Academic Appointments:

- 1992-1996 Department of Internal Medicine, Department of Cardiology,
Mitsui Memorial Hospital, Tokyo, Japan
- 1996-1997 Physician, Department of Geriatric Medicine,
University of Tokyo Hospital, Tokyo, Japan
- 1997-2001 Attending Physician, Department of Geriatric Medicine,
University of Tokyo Hospital, Tokyo, Japan
- 2001-2006 Research Scholar, Department of Cardiovascular Medicine
Stanford University, Stanford, California, USA
- 2006-2009 Director of Academic Affairs,
Cardiovascular Core Analysis Laboratory,
Stanford, California, USA
- 2009-2013 Professor of Medicine (Cardiology)
Division of Cardiovascular Medicine,
Saitama Medical Center, Jichi Medical University
- 2013- Professor and Chairman (Cardiovascular Medicine)
Kitasato University

Other Professional Positions and Major Visiting Appointments:

- 1996-Present Visiting Staff, Department of Cardiology,
Abe Hospital, Tokyo, Japan
- 1997-1999 Visiting Staff of Interventional Cardiology, Department of
Cardiology, Fourth department of Internal Medicine,
University of Tokyo Hospital
- 1998-1999 Visiting Staff, Department of Geriatric Medicine
Saitama Kaisei Hospital, Saitama, Japan
- 2000-Present Visiting Staff, Department of Cardiology,

- Kondo Hospital, Chiba, Japan
- 2007-2009 Visiting Professor of Medicine
Saitama Medical Center, Jichi University,
Saitama-city, Saitama, Japan
- 2008-Present Visiting Lecturer of Medicine,
Department of Geriatric Medicine,
University of Tokyo, Tokyo, Japan
- 2013-Present Visiting Professor of Medicine
Saitama Medical Center, Jichi University,
Saitama-city, Saitama, Japan

Other Teaching

- 1996-1998 Student advisor at bedside teaching, Geriatric Medicine
University of Tokyo School of Medicine, Tokyo, Japan
- 1996-2001 Instructor of Interventional Cardiology, Cardiology
University of Tokyo Hospital, Tokyo, Japan
- 1999-2001 Instructor of Geriatric Medicine,
University of Tokyo School of Medicine, Tokyo, Japan
- 2007-2009 Visiting Professor of Medicine
Saitama Medical Center, Jichi University,
Saitama-city, Saitama, Japan
- 2008-Present Visiting Lecturer of Medicine,
Department of Geriatric Medicine,
University of Tokyo, Tokyo, Japan
- 2009-Present Visiting Professor of Medicine
Saitama Medical Center, Jichi University,
Saitama-city, Saitama, Japan

Institutional, Departmental, and Divisional Administrative Responsibilities,

Committee Memberships, and Other Activities

- 1996-2001 Chairman of computer and internet utilization committee,
Department of Geriatric Medicine, Graduate School of Medicine
University of Tokyo, Japan
- 1999-2001 Staff of Teaching Planning Office, Department of Geriatric
Medicine
Graduate School of Medicine
University of Tokyo, Tokyo, Japan
- 1999-2001 Member of public relation committee,
Japanese Geriatric Society, Tokyo, Japan

Professional and Society Memberships

- 1991- Japanese Society of Internal Medicine
- 1991- Japanese Circulation Society
- 1993- Japanese Society of Cardiology
- 1993- Japanese Society of Interventional Cardiology
- 1995- Japanese Geriatrics Society
- 1999- American Heart Association
- 2000- American College of Physicians
- 2013- Japanese Heart Failure Society
- 2013- Japanese Society of Hypertension
- 2013- Japanese Heart Rhythm Society
- 2013- Japanese Society of Cardiac Rehabilitation

Exclusive Professional Memberships

- 2006- Fellow of American College of Cardiology

Research Grants Awarded

1997	IBM Irisawa Memorial Award Estrogen receptor isoforms and its role in vascular system
1999-2000	Grant-in-aid, Ministry of Education, Science, and Culture in Japan Effect of Estrogen on subcutaneous and visceral adipocytes
2000-2001	Research Projects on Aging and Health, Ministry of Health and Welfare of Japan Long term follow up of diabetic patients
2001-2003	Grant-in-aid, Ministry of Education, Science, and Culture in Japan Acute coronary syndrome model with apoptosis induction to vascular smooth muscle cells

Reviewer of Major Academic Journals

2004-	Circulation
2007-	Heart
2007-	American Journal of Cardiology
2008-	Journal of Cardiology
2009-	International Journal of Cardiology
2011-	American Heart Journal
2011-	Geriatrics and Gerontology International
2011-	Cardiovascular Intervention and Therapeutics
2011-	Circulation Journal
2012-	Journal of Interventional Cardiology
2012-	International Heart Journal
2012-	Journal of Atherosclerosis
2014-	Catheterization and Cardiovascular Interventions

2014-	PLoS One
2016-	Hypertension
2016-	Thrombosis and Haemostasis

Editorial Board of Medical Journals

2013-	Cardiovascular Intervention Therapeutics
2014-	Circulation Journal
2014-	Journal of Cardiology Cases
2015-	International Heart Journal

Bibliography

1, Published papers in peer-reviewed journals

[English literature]

1. Eto M, Akishita M, Ishikawa M, Kozaki K, Yoshizumi M, Hashimoto M, **Ako J**, Sugimoto N, Nagano K, Sudoh N, Toba K, Ouchi Y. Cytokine-induced expression of parathyroid hormone-related peptide in cultured human vascular endothelial cells. *Biochem Biophys Res Commun*. 1998;249:339-43.
2. Hashimoto M, Akishita M, Eto M, Kozaki K, **Ako J**, Sugimoto N, Yoshizumi M, Toba K, Ouchi Y. The impairment of flow-mediated vasodilatation in obese men with visceral fat accumulation. *Int J Obes Relat Metab Disord*. 1998;22:477-84.
3. Iijima K, Yoshizumi M, **Ako J**, Eto M, Kim S, Hashimoto M, Sugimoto N, Liang YQ, Sudoh N, Toba K, Ouchi Y. Expression of peroxisome proliferator-activated receptor gamma (PPARgamma) in rat aortic smooth muscle cells. *Biochem Biophys Res Commun*. 1998;247:353-6.
4. Yamasaki M, Hara K, Ikari Y, Kobayashi N, Kozuma K, Ohmoto Y, Oh-Hashi Y, **Ako J**, Nakajima H, Chiku N, Saeki F, Tamura T. Effects of cilostazol on late lumen loss after Palmaz-Schatz stent implantation. *Cathet Cardiovasc Diagn*. 1998;44:387-91.
5. Hashimoto M, Eto M, Akishita M, Kozaki K, **Ako J**, Iijima K, Kim S, Toba K, Yoshizumi M, Ouchi Y. Correlation between flow-mediated vasodilatation of the brachial artery and intima-media thickness in the carotid artery in men. *Arterioscler Thromb Vasc Biol*. 1999;19:2795-800.
6. **Ako J**, Eto M, Kim S, Iijima K, Watanabe T, Ohike Y, Yoshizumi M, Ouchi Y. Pericardial constriction due to malignant lymphoma. *Jpn Heart J*. 2000;41:673-9.

7. Hashimoto M, Kozaki K, Eto M, Akishita M, **Ako J**, Iijima K, Kim S, Toba K, Yoshizumi M, Ouchi Y. Association of coronary risk factors and endothelium-dependent flow-mediated dilatation of the brachial artery. *Hypertens Res.* 2000;23:233-8.
8. Iijima K, Yoshizumi M, Hashimoto M, Kim S, Eto M, **Ako J**, Liang YQ, Sudoh N, Hosoda K, Nakahara K, Toba K, Ouchi Y. Red wine polyphenols inhibit proliferation of vascular smooth muscle cells and downregulate expression of cyclin A gene. *Circulation.* 2000;101:805-11.
9. Nagano K, Toba K, Akishita M, Watanabe T, Kozaki K, Eto M, Hashimoto M, Sudoh N, **Ako J**, Yoshizumi M, Ouchi Y. Prostanoids regulate proliferation of vascular smooth muscle cells induced by arginine vasopressin. *Eur J Pharmacol.* 2000;389:25-33.
10. **Ako J**, Takenaka K, Uno K, Nakamura F, Shoji T, Iijima K, Ohike Y, Kim S, Watanabe T, Yoshizumi M, Ouchi Y. Reversible left ventricular systolic dysfunction - Reversibility of coronary microvascular abnormality. *Jpn Heart J.* 2001;42:355-363.
11. **Ako J**, Eto M, Watanabe T, Ouchi Y. A case of severe hypoglycemia due to pimobendan. *Int J Cardiol.* 2001;80:83-4.
12. Hashimoto M, Kim S, Eto M, Iijima K, **Ako J**, Yoshizumi M, Akishita M, Kondo K, Itakura H, Hosoda K, Toba K, Ouchi Y. Effect of acute intake of red wine on flow-mediated vasodilatation of the brachial artery. *Am J Cardiol.* 2001;88:1457-60, A9.
13. Sudoh N, Toba K, Akishita M, **Ako J**, Hashimoto M, Iijima K, Kim S, Liang YQ, Ohike Y, Watanabe T, Yamazaki I, Yoshizumi M, Eto M, Ouchi Y. Estrogen prevents oxidative stress-induced endothelial cell apoptosis in rats. *Circulation.* 2001;103:724-9.
14. Watanabe T, Yoshizumi M, Akishita M, Eto M, Toba K, Hashimoto M, Nagano K, Liang YQ, Ohike Y, Iijima K, Sudoh N, Kim S, Nakaoka T, Yamashita N, **Ako J**, Ouchi Y. Induction of nuclear orphan receptor NGFI-B gene and apoptosis in rat vascular smooth muscle cells treated with pyrrolidinedithiocarbamate. *Arterioscler Thromb Vasc Biol.* 2001;21:1738-44.
15. **Ako J**, Sagawa K, Iijima K, Ohike Y, Watanabe T, Kozaki K, Yoshizumi M, Ouchi Y. Senile cardiac amyloidosis. *Geriatrics and Gerontology International.* 2001;1:65-8.
16. **Ako J**, Kozaki K, Yoshizumi M, Ouchi Y. Transient left ventricular apical ballooning without coronary artery stenosis: a form of stunning-like phenomenon? *J Am Coll Cardiol.* 2002;39:741-2.
17. Iijima K, Yoshizumi M, Hashimoto M, Akishita M, Kozaki K, **Ako J**, Watanabe T, Ohike Y, Son B, Yu J, Nakahara K, Ouchi Y. Red wine polyphenols inhibit vascular smooth muscle cell migration through two distinct signaling pathways.

- Circulation*. 2002;105:2404-10.
18. Liang YQ, Akishita M, Kim S, **Ako J**, Hashimoto M, Iijima K, Ohike Y, Watanabe T, Sudoh N, Toba K, Yoshizumi M, Ouchi Y. Estrogen receptor beta is involved in the anorectic action of estrogen. *Int J Obes Relat Metab Disord*. 2002;26:1103-9.
 19. Sahara M, Inoue S, Sunaga S, Kitagawa H, **Ako J**, Hoshino S, Toba K, Ouchi Y. Megakaryoblastic transformation of chronic myelomonocytic leukemia presenting with severe bone pain. *Geriatrics and Gerontology International*. 2002;2:105-9.
 20. Amiya E, **Ako J**, Kozaki K, Iijima K, Nagase T, Ouchi Y. Yellow nail syndrome in an elderly man. *Geriatrics and Gerontology International*. 2002;2:157-60.
 21. Sata M, Takahashi A, Tanaka K, Washida M, Ishizaka N, **Ako J**, Yoshizumi M, Ouchi Y, Taniguchi T, Hirata Y, Yokoyama M, Nagai R, Walsh K. Mouse genetic evidence that tranilast reduces smooth muscle cell hyperplasia via a p21(WAF1)-dependent pathway. *Arterioscler Thromb Vasc Biol*. 2002;22:1305-9.
 22. Ako M, Kawara T, Uchida S, Miyazaki S, Nishihara K, Mukai J, Hirao K, **Ako J**, Okubo Y. Correlation between electroencephalography and heart rate variability during sleep. *Psychiatry Clin Neurosci*. 2003;57:59-65.
 23. **Ako J**, Honda Y, Fitzgerald PJ. Tako-tsubo-like left ventricular dysfunction. *Circulation*. 2003;108:e158.
 24. **Ako J**, Ikari Y, Hatori M, Hara K, Ouchi Y. Changing spectrum of infective endocarditis - Review of 194 episodes over 20 years. *Circ J*. 2003;67:3-7.
 25. Daida H, Ouchi Y, Saito Y, Yamada N, Nishide T, Mokuno H, Kurata T, Sato H, Eto M, **Ako JY**, Tango T, Yamaguchi H. Preventing angiographic progression of coronary atherosclerosis with pravastatin. *J Atheroscler Thromb*. 2003;10:25-31.
 26. **Ako J**, Honda Y, Fitzgerald PJ. Conditions associated with ST-segment elevation. *N Engl J Med*. 2004;350:1152-5.
 27. Sonoda S, Morino Y, **Ako J**, Terashima M, Hassan AH, Bonneau HN, Leon MB, Moses JW, Yock PG, Honda Y, Kuntz RE, Fitzgerald PJ. Impact of final stent dimensions on long-term results following sirolimus-eluting stent implantation: serial intravascular ultrasound analysis from the sirius trial. *J Am Coll Cardiol*. 2004;43:1959-63.
 28. Farouque HM, Kaltenbach T, **Ako J**, Tremmel JA, Fearon WF, Yeung AC, Vagelos. "Tako-tsubo-like left ventricular dysfunction": a clinical entity mimicking acute myocardial infarction with a favorable prognosis. *Am J Geriatr Cardiol*. 2004;13:323-6.
 29. **Ako J**, Honda Y, Fitzgerald PJ. Impending coronary perforation after cutting

- balloon angioplasty. *Heart*. 2004;91:e8.
30. Kaneda H, **Ako J**, Fitzgerald PJ. Peripartum dissection of the right coronary artery. *N Engl J Med*. 2005;352:1048-1049.
 31. Eto M, Toba K, Akishita M, Kozaki K, Watanabe T, Kim S, Hashimoto M, **Ako J**, Iijima K, Sudoh N, Yoshizumi M, Ouchi Y. Impact of blood pressure variability on cardiovascular events in elderly patients with hypertension. *Hypertens Res*. 2005;28:1-7.
 32. **Ako J**, Honda Y, Fitzgerald PJ. Transient left ventricular apical ballooning. *Ann Intern Med*. 2005;142:678.
 33. Kaneda H, **Ako J**, Kataoka T, Miyazawa A, Terashima M, Ikeno F, Sonoda S, Shimada Y, Morino Y, Honda Y, Yock PG, Fitzgerald PJ. Effect of lumen narrowing within coronary stents on proximal and distal vessel segments following bare metal stent implantation. *Am J Cardiol*. 2005;96:376-378.
 34. **Ako J**, Morino Y, Honda Y, Hassan A, Sonoda S, Yock PG, Leon MB, Moses JW, Bonneau HN, Fitzgerald PJ. Late incomplete stent apposition after sirolimus-eluting stent implantation a serial intravascular ultrasound analysis. *J Am Coll Cardiol*. 2005;46:1002-1005.
 35. Sakurai R, **Ako J**, Morino Y, Sonoda S, Kaneda K, Terashima M, Hassan A, Leon MB, Moses JW, Popma JP, Bonneau HN, Yock PG, Fitzgerald PJ, Honda Y, Investigators tST. Predictors of edge stenosis following sirolimus-eluting Stent Deployment (A quantitative intravascular ultrasound analysis from the SIRIUS trial). *Am J Cardiol*. 2005;96:1251-1253.
 36. Kaneda H, Koizumi T, **Ako J**, Terashima M, Morino Y, Honda Y, Yock PG, Leon MB, Moses JW, Fitzgerald PJ, investigators. Impact of intravascular ultrasound lesion characteristics on neointimal hyperplasia following sirolimus-eluting stent implantation. *Am J Cardiol*. 2005;96:1237-1241.
 37. Kaneda H, **Ako J**, Honda Y, Terashima M, Morino Y, Yock PG, Popma JP, Leon MB, Moses JW, Fitzgerald PJ. Impact of asymmetric stent expansion on neointimal hyperplasia following sirolimus-eluting stent implantation. *Am J Cardiol*. 2005;96:1404-1407.
 38. Kaneda H, **Ako J**, Kataoka T, Takahashi T, Terashima M, Waseda K, Miyazawa A, Hassan A, Honda Y, Yock PG, Fitzgerald PJ. Heterogeneity of neointimal distribution of in-stent restenosis in patients with diabetes mellitus. *Am J Cardiol*. 2005;97:340-342.
 39. **Ako J**, Sudhir K, Farouque HM, Honda Y, Fitzgerald PJ. Transient left ventricular dysfunction under severe stress: Brain-heart relationship revisited. *Am J Medicine*. 2006;119:10-17.
 40. Hirohata A, Morino Y, **Ako J**, Sakurai R, Buchbinder M, Caputo RP, Karas SP, Mishkel GJ, Mooney MR, O'Shaughnessy C D, Raizner AE, Wilensky RL,

- Williams DO, Wong SC, Yock PG, Honda Y, Moses JW, Fitzgerald PJ. Comparison of the efficacy of direct coronary stenting with sirolimus-eluting stents versus stenting with predilation by intravascular ultrasound imaging (from the DIRECT trial). *Am J Cardiol.* 2006;98(11):1464-1467.
41. Kaneda H, **Ako J**, Kataoka T, Takahashi T, Terashima M, Waseda K, Miyazawa A, Hassan A, Honda Y, Yock PG, Fitzgerald PJ. Heterogeneity of neointimal distribution of in-stent restenosis in patients with diabetes mellitus. *Am J Cardiol.* 2006;97:340-342.
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 44. Waseda K, **Ako J**, Shimada Y, Morino Y, Tsujino I, Hongo Y, Sudhir K, Yock PG, Fitzgerald PJ, Honda Y. Comparison of vessel response following sirolimus-eluting stent implantation as assessed by serial 3-D intravascular ultrasound study. *J Invasive Cardiol* 2007;19:171-3.
 45. Tsujino I, **Ako J**, Honda Y, Fitzgerald PJ. Drug delivery via nano-, micro and macroporous coronary stent surfaces. *Expert Opin Drug Deliv* 2007;4:287-95.
 46. Sakurai R, **Ako J**, Hassan AH, Bonneau HN, Neumann FJ, Desmet W, Holmes DR, Jr., Yock PG, Fitzgerald PJ, Honda Y. Neointimal progression and luminal narrowing in sirolimus-eluting stent treatment for bare metal in-stent restenosis: a quantitative intravascular ultrasound analysis. *Am Heart J* 2007;154:361-5.
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 48. Nakamura T, Kubo N, **Ako J**, Momomura S. Angiographic no-reflow phenomenon and plaque characteristics by virtual histology intravascular ultrasound in patients with acute myocardial infarction. *J Interv Cardiol* 2007;20:335-9.
 49. Miyazawa A, Tsujino I, **Ako J**, Shimada Y, Courtney BK, Sakurai R, Nakamura M, Okura H, Waseda K, Honda Y, Fitzgerald PJ. Characterization of late incomplete stent apposition: a comparison among bare-metal stents, intracoronary radiation and sirolimus-eluting stents. *J Invasive Cardiol* 2007;19:515-8.
 50. Miyazawa A, **Ako J**, Hassan A, Hasegawa T, Abizaid A, Verheye S, McClean D, Neumann FJ, Grube E, Honda Y, Fitzgerald PJ. Analysis of bifurcation lesions

- treated with novel drug-eluting dedicated bifurcation stent system: Intravascular ultrasound results of the AXXESS PLUS trial. *Catheter Cardiovasc Interv* 2007;70:952-7.
51. Kojima T, **Ako J**, Eto M, Iijima K, Akishita M, Ouchi Y. Tako-tsubo-like left ventricular dysfunction in a patient with chronic total occlusion of the left anterior descending artery. *Int J Cardiol* 2007;119:e19-21.
 52. Waseda K, **Ako J**, Kaneda H, Miyazawa A, Shimada Y, Morino Y, Honda Y, Fitzgerald PJ. Effect of lumen narrowing within sirolimus-eluting stents on proximal and distal vessel segments. *Circ J* 2008;72:534-7.
 53. Miyazawa A, **Ako J**, Hongo Y, Hur SH, Tsujino I, Courtney BK, Hassan AH, Kandzari DE, Honda Y, Fitzgerald PJ. Comparison of vascular response to zotarolimus-eluting stent versus sirolimus-eluting stent: intravascular ultrasound results from ENDEAVOR III. *Am Heart J* 2008;155:108-13.
 55. Kaneda H, Kataoka T, **Ako J**, Honda Y, Yock PG, Fitzgerald PJ. Coronary risk factors and coronary atheroma burden at severely narrowing segments. *Int J Cardiol* 2008;124:124-6.
 56. **Ako J**. Apical and midventricular transient left ventricular dysfunction syndrome (tako-tsubo cardiomyopathy). *Chest* 2008;133:1052.
 57. Yamasaki M, **Ako J**, Honda Y, Hassan A, Koo B, Abizaid A, Fitzgerald P, Whitbourn R. Novel guidewire-based stent delivery system: examination by intravascular ultrasound. *Catheter Cardiovasc Interv* 2008;72:47-51.
 58. Kaneda H, **Ako J**, Terashima M, Waseda K, Yock PG, Fitzgerald PJ. Distribution pattern of neointimal hyperplasia following sirolimus-eluting stent implantation assessed by 3-dimensional intravascular ultrasound. *Int J Cardiol* 2008 [Epub].
 59. Sakakura K, Kubo N, Hashimoto S, Ikeda N, Funayama H, Hirahara T, Sugawara Y, Yasu T, **Ako J**, Kawakami M, Momomura S. Determinants of in-hospital death in left main coronary artery myocardial infarction complicated by cardiogenic shock. *J Cardiol* 2008;52:24-9.
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 61. Iwata H, **Ako J**, Nagai R. Recurrence of late-acquired incomplete stent apposition following sirolimus-eluting stent implantation. *J Invasive Cardiol* 2008;20:E265-8.
 62. Kaneda H, **Ako J**, Terashima M, Morino Y, Honda Y, Yock PG, Leon MB, Moses JW, Fitzgerald PJ. Sirolimus-eluting stent implantation in small coronary

- arteries: A three dimensional intravascular ultrasound study from the SIRIUS trial. *Int J Cardiol* 2008. [Epub]
63. Koo BK, Yamasaki M, **Ako J**, Waseda K, Honda Y, Fitzgerald PJ, Abizaid A, Whitbourn RJ. Intravascular ultrasound analysis of small-vessel lesions treated with novel ultra-low profile, guidewire-based self-expanding stent system. *J Invasive Cardiol* 2008;20:647-50.
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 67. Nakamura T, **Ako J**, Kadowaki T, Funayama H, Sugawara Y, Kubo N, Momomura S. Impact of acute hyperglycemia during primary stent implantation in patients with ST-elevation myocardial infarction. *J Cardiol* 2009;53:272-7.
 68. Waseda K, **Ako J**, Hasegawa T, Shimada Y, Ikeno F, Ishikawa T, Demura Y, Hatada K, Yock PG, Honda Y, Fitzgerald PJ. Intraoperative fluorescence imaging system for on-site assessment of off-pump coronary artery bypass graft. *J Am Coll Coardiol Img* 2009; 2: 604-12.
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everolimus induce endothelial cellular senescence via sirtuin 1 down-regulation: therapeutic implication of cilostazol after drug-eluting stent implantation. *J Am Coll Cardiol* 2009;53:2298-305.

73. Waseda K, Miyazawa A, **Ako J**, Hasegawa T, Tsujino I, Sakurai R, Yock PG, Honda Y, Kandzari DE, Leon MB, Fitzgerald PJ. Intravascular ultrasound results from the ENDEAVOR IV trial: randomized comparison between zotarolimus- and paclitaxel-eluting stents in patients with coronary artery disease. *JACC Cardiovasc Interv* 2009;2:779-84.
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76. Ogita M, Funayama H, Nakamura T, Sakakura K, Sugawara Y, Kubo N, **Ako J**, Ishikawa SE, Momomura S. Plaque characterization of non-culprit lesions by virtual histology intravascular ultrasound in diabetic patients: impact of renal function. *J Cardiol* 2009;54:59-65.
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79. Nakamura T, **Ako J**, Kadowaki T, Funayama H, Sugawara Y, Kubo N, Momomura S. Impact of acute hyperglycemia during primary stent implantation in patients with ST-elevation myocardial infarction. *J Cardiol* 2009;53:272-7.
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