

CURRICULUM VITAE

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Professional Experiment:

2006 October – present, Senior Staff Scientist, Vascular Physiology Lab at SAIT JOSEPH'S Translational Research Institute. Acted as study director for preclinical research studies in drug-eluting stent; performed *in vitro* vascular function study in coronary & femoral arteries; performed microscopy evaluations; and performed superoxide and NO assays.

2005-2006, Senior Medical Scientist, Medekon Corporation, Ewing, NJ, USA. Develop the new device to detect vulnerable plaque in coronary artery.

2000-2005, Staff Scientist, American Cardiovascular Research Institute, Norcross, Georgia, USA.

1999-2000, Associate Professor (research), Faculty Member, Department of Surgery, Emory University, Atlanta, GA, USA.

1995-1998, Research Associate, Faculty Member, Experimental Hypertension, Clinical Research Institute of Montreal, Montreal, Quebec, Canada.

1978-1983, Resident, Department of Surgery, Tianjin General Hospital, Tianjin, P.R. China.

Education:

1988-1992 Ph.D. Department of Experimental Surgery, McGill University, Montreal, Quebec, Canada.

1984-1987 M. Sc., Department of Urology, Tianjin Medical University, Tianjin, P.R. China.

1974-1978 Medical Doctor, Tianjin Medical University, Tianjin, P.R. China.

Postgraduate Training:

1993-1995 Experimental Hypertension, Clinical Research Institute of Montreal, Montreal, Quebec, Canada.

Membership:

American Heart Association
American Stroke Association

Publication:

1. **J.S. Li**, M.M. Wu, S.T. Yu and H. Liang. Immunoperoxidase methods in detecting of the bladder carcinoma and relationship with pathologic grade, recurrence and mortality. Chinese Clinic J. Urology, 4(2): 91, 1989.
2. S.T. Yu, M.M. Wu, J. Xie, **J.S. Li**, T. Liu, H. Liang and J.Q. Zhang. A study of bladder carcinoma makers by means of immunohistochemical and flow cytometric techniques. Chinese J. Urology, 10 (4): 213, 1989.
3. M. EL Gammal, M. Hassouna, **J.S. Li**, N.S. Wang, B.O.R.L.O. Coolsaet and M.M. Elhilali. Effect of ballon catheter dilatation of the ureter on upper tract dynamics and ureteral wall in swine. J. Endourology. 4: 15, 1990
4. **J.S. Li**, M. Hassouna, M. Sawan, F. Duval, R. Latt, K. Carter and M.M. Elhilali. Role of electrical stimulation in bladder evacuation following spinal cord transection. J. Urol. 147: 1429, 1992.
5. M. Sawan, F. Duval, M. Hassouna, **J.S. Li**, M.M. Elhilali, J. Lachance, M. Leclair, S. Pourmehdi and J. Mouine. Computerized transcutaneous control of a multichannel urinary prosthesis. I.E.E.E. trans. Biom. Eng. Vol. 39 (6): 600, 1992.
6. M. Hassouna, **J.S. Li**, M. Sawan, F. Duval, R. Latt and M.M. Elhilali. The effect of early bladder stimulation on the spinal shock.. Urology 40 (6): 563, 1992.
7. **J.S. Li**, M. Hassouna, M. Sawan, F. Duval and M.M. Elhilali. Electrical stimulation induce sphincter fatigue during voiding. J. Urol. 148: 949, 1992.
8. M. Sawan, F. Duval, M. Hassouna, **J.S. Li** and M.M. Elhilali. A transcutaneous implantable bladder controller. Neurorol. Urodyn. 12 (3): 1993.
9. M. Sawan, F. Duval, **J.S. Li**, M. Hassouna and M.M. Elhilali. A new bladder stimulator: hand-held controller and miniaturized implant: preliminary results in dogs. Biomed. Instru. And Techno. 27(2): 143, 1993.

10. M. Hassouna, **J.S. Li**, and M.M. Elhilali. Dog as an animal-model for neurostimulation. *Neurourol. Urodyn.* 13: 159, 1994.
11. **J.S. Li**, M. Hassouna, M. Sawan, F. Duval and M.M. Elhilali. Long term effect of sphincteric fatigue during bladder neurostimulation. *J. Urol.* 153: 238, 1995.
12. M. Sawan, M. Hassouna, **J.S. Li**, F. Duval and M.M. Elhilali. Stimulator design and subsequent stimulation parameter optimization for controlling micturition and reducing urethral resistance. *I.E.E.E. Trans. Rehab. Eng.* Vol. 4 (1): 39, 1996.
13. C.F. Deschepper, **J.S. Li**, E.L. Schiffrin and S.A. Welner. Hypertension by brain grafts from fetal spontaneously hypertensive rats. *Hypertension.* 24: 765-73, 1994.
14. **J.S. Li**, R. Lariviere and E.L. Schiffrin. Effect of a nonselective antagonist on vascular remodeling in DOCA salt hypertensive rats. *Hypertension.* 24: 183-8, 1994.
15. **J.S. Li** and E.L. Schiffrin. Resistance artery structure and neuroeffector mechanisms in hypertension induced by inhibition of nitric oxide synthase. *Am. J. Hyper.* 7: 996-1004, 1994.
16. E.L. Schiffrin, R. Lariviere, **J.S. Li**, P. Sventek and R.M. Touyz. Deoxycorticosterone acetate plus salt induce overexpression of vascular endothelin-1 and severe vascular hypertrophy in SHR. *Hypertension.* 25 (4 part 2): 769-73, 1995.
17. L.Y. Deng, **J.S. Li** and E.L. Schiffrin. Endothelin receptor subtypes in resistance arteries from human and rats. *Cardiovasc. Research.* 29: 532-5, 1995.
18. L.Y. Deng, **J.S. Li** and E.L. Schiffrin. Endothelium-dependent relaxation of small arteries from essential hypertensive patients: mechanisms and comparison with normotensive subjects and with responses of vessels from SHR. *Clinical Science.* 88 (6): 611-22, 1995.
19. **J.S. Li** and E.L. Schiffrin. Chronic endothelin receptor antagonist treatment of young SHR. *J. Hypertension* 13: 647-52, 1995.
20. **J.S. Li** and E.L. Schiffrin. Effect of chronic treatment of adult SHR with an endothelin receptor antagonist. *Hypertension* 25: 495-500, 1995.
21. E.L. Schiffrin, R. Lariviere, **J.S. Li**, P. Sventek and R.M. Touyz. Enhanced expression of endothelin-1 gene may cause blood pressure-independent vascular hypertrophy. *J. Cardio. Pharma.* 26 (Suppl 3): S5-S8, 1995.
22. E.L. Schiffrin, P. Sventek, **J.S. Li**, A. turgeon and T. reudelhuber. Antihypertensive effect of an endothelin receptor antagonist in DOCA-salt SHRs. *British J. Pharm.* 115 (8): 1377-81, 1995.

23. E.L. Schiffrin, R. Lariviere, **J.S. Li**, P. Sventek and R.M. Touyz. Endothelin-1 gene expression and vascular hypertrophy in DOCA-salt hypertension compared to SHR. *Clin. & Experi. Pharm. & Physio.* 22 (Suppl 1): S188-90, 1995.
24. P. Sventek, **J.S. Li**, K. Grove, C.F. Deschepper and E.L. Schiffrin. Vascular structure and expression of endothelin-1 gene in L-NAME-treated SHR. *Hypertension* 27 (part 1): 49-55, 1996.
25. **J.S. Li**, L.Y. Deng, K. Grove, C.F. Deschepper and E.L. Schiffrin. Comparison of effect of endothelin antagonism and ACEI on blood pressure and vascular structure in SHR treated with L-NAME. *Hypertension* 28(2): 188-95, 1996.
26. **J.S. Li**, Knafo L., Turgeon A., Garcia R. and E.L. Schiffrin. Effect of endothelin antagonism on blood pressure and vascular stricture in renovascular hypertensive rats. *Amer. J. Physiol. (Heart Circ Physiol)* 271(1 Part 2): H88-93, 1996.
27. E.L. Schiffrin, R. Lariviere, **J.S. Li** and P. Sventek. Enhanced expression of the endothelin-1 gene in blood vessels of DOCA-salt hypertensive rats: correlation with vascular structure. *J. Vascular Research.* 33(3): 235-48, 1996.
28. R.M. Touyz, L.Y. Deng, **J.S. Li** and E.L. Schiffrin. Differential effects of vasopressin and endothelin-1 on vascular contractile and calcium responses in pressurized small arteries from SHR. *J. Hypertension.* 14(8): 983-91, 1996.
29. **J.S. Li**, W. Schurch and E.L. Schiffrin. Renal and vascular effects of chronic endothelin receptor antagonism in malignant hypertensive rats. *Am. J. Hypertension.* 9(8): 803-11, 1996.
30. **J.S. Li** and E.L. Schiffrin. Effect of calcium channel blockade or angiotensin converting enzyme inhibition on structure of coronary, renal and other small arteries in SHR. *J. Cardio. Pharma.* 28:68-74, 1996.
31. **J.S. Li**, P. Sventek and E.L. Schiffrin. Effect of antihypertensive treatment and L-NAME on cardiovascular structure in DOCA-salt hypertension rats. *J. Hypertension* 14(11): 1331-9, 1996.
32. Yang XP, Touyz RM, Nguyen PV, Deng LY, **Li JS**, Schiffrin EL. Endothelin-1 and vasopressin signalling in blood vessels of young SHR in comparison to adult SHR. *Hypertension Res.* 19 (2): 121-32, 1996.
33. **Li JS**, Schiffrin EL. Effect of short-term treatment of SHR with the novel calcium channel antagonist mibefradil on function of small arteries. *Am J Hypertension.* 10(1): 94-100, 1997.

34. **J.S. Li**, A.M. Sharifi and E.L. Schiffrin. Effect of AT₁ angiotensin-receptor blockade on structure and function of small arteries in SHR. *J. Cardio. Pharma.* 30(1): 75-83, 1997
35. **J.S. Li**, R.M. Touyz and E.L. Schiffrin. Effects of AT₁ and AT₂ angiotensin receptor antagonists in Ang II-infused rats. *Hypertension* 31(1 Part 2): 487-92, 1998
36. Sharifi AM, **Li JS**, Endemann D, Schiffrin EL. Effects of enalapril and amlodipine on small-artery structure and composition, and on endothelial dysfunction in spontaneously hypertensive rats. *J Hypertension.* 16 (4): 457-66, 1998.
37. **Li JS**, Turgeon A, Schiffrin EL. Effect of chronic treatment with two different ET (A) selective endothelin receptor antagonists on blood pressure and small artery structure of deoxycorticosterone acetate (DOCA)-salt hypertensive rats. *Am J Hypertension.* 11(5): 554-62, 1998.
38. Intengan HD, Thibault G, **Li JS**, Schiffrin EL. Resistance artery mechanics, structure, and extracellular components in spontaneously hypertensive rats: effects of angiotensin receptor antagonism and converting enzyme inhibition. *Circulation.* 100 (22): 2267-75, 1999.
39. Endemann D, Touyz RM, **Li JS**, Deng LY, Schiffrin EL. Altered angiotensin II-induced small artery contraction during the development of hypertension in spontaneously hypertensive rats. *Am J Hypertension.* 12 (7): 716-23, 1999.
40. Quy N. Diep, **J.S. Li**, G. He and E.L. Schiffrin. In vivo study of the role of AT₁ and AT₂ receptors in apoptosis in rat blood vessels. *Hypertension* 34 (4 Part1): 617-24, 1999.
41. Intengan H.D., **J.S. Li**, and E.L. Schiffrin. Altered resistance artery wall composition in SHR: Normalization by irbesatan. *Hypertension* 33 (4): 1080, 1999.
42. Intengan HD, Deng LY, **Li J.S**, Schiffrin EL. Mechanics and composition of human subcutaneous resistance arteries in essential hypertension. *Hypertension.* 33 (1 Pt 2): 569-74, 1999.
43. Touyz RM, Endemann D, He G, **Li J.S**, Schiffrin EL. Role of AT₂ receptors in angiotensin II-stimulated contraction of small mesenteric arteries in young SHR. *Hypertension.* 33 (1 Pt 2): 366-72, 1999.
44. Surowiec S.M., Conklin B.S., **Li J.S**, P.H. Lin, V.J. Weiss, A.B. Lumsden and C. Chen. A new perfusion culture system used to study human vein. *J. Surgical Research.* 88; 34, 2000.

45. Conklin BS, Surowiec SM, Ren Z, **Li J.S**, Zhong DS, Lumsden AB, Chen C. Effects of nicotine and cotinine on porcine arterial endothelial cell function. *J Surgical Research*. 95 (1): 23-31, 2001.

Abstract

More than 75 abstracts presented in American Urology Association, Canadian Urology Association, American heart Association, American Society of Hypertension, ect during 1988-1999.

Published Abstracts at ACRI and SJTRI

1. **Li J.S**, Coussement PK, Cui J, Chronos NAF and Robinson KA. Reduction of endothelium-dependent function in pig coronary arteries by endovascular β -radiation. At CRT 2000.
2. Coussement PK, **Li J.S**, Mulkey P, Cui J, Ueno T, Chronos NAF and Robinson KA. Endothelial regeneration and platelet recruitment following balloon angioplasty and catheter-based ^{103}Pd irradiation. At CRT 2000.
3. Coussement PK, **Li J.S**, Mulkey P, Cui J, Ueno T, Chronos NAF, DeLeon H and Robinson KA. Endothelial recovery and platelet recruitment following balloon or stent injury and ^{103}Pd intracoronary irradiation. At AHA2001, *Circulation* 2001; 104 (17): II-624.
4. Coussement PK, Frey A, Ueno T, Rubin SJ, Mulkey P, Cui J, **Li J.S**, Chronos NAF, DeLeon H and Robinson KA. Catheter-based ^{103}Pd inhibits neointima formation in stented pig coronary arteries without increasing thrombogenicity. At AHA2001, *Circulation* 2001; 104 (17): II-507.
5. **Li J.S**, Ueno T, DeLeon H, Cui J, Coussement PK, Chronos NAF and Robinson KA. Vasomotor Function of Pig Coronary Arteries after Placement of Ameroid Constrictors. At ACC2002, *JACC* 2002; 39 (5): 332A (Moderated poster).
6. **Li J.S**, Ebato B, Mulkey P, Chronos NAF and Robinson KA. Endothelial Dysfunction of Pig Coronary Arteries Distal to Sites of Endovascular Irradiation. At AHA2002, *Circulation* 2002; 106 (179): II-36.
7. Robinson KA, **Li J.S**, Ebato B, Cui J, Todd J, DeLeon H and Chronos NAF. Endovascular Irradiation Chronically Impairs Endothelium-Dependent Relaxation in Non-Injured Pig Coronary Arteries. At ACC2003, *JACC* 2003; 41 (6): 14A.
8. **Li J.S**, Ebato B, Cui J, Chronos NAF and Robinson KA. Endothelial Function of Coronary Arteries Distal to a Radioactive Stent. At ACC2003, *JACC* 2003; 41(6): 295A.

9. Robinson KA, **Li J.S.**, Ebato B, Cui J and Chronos NAF. Coronary Arteries Partially Recovered Endothelium-Dependent Function Three Months after Endovascular Irradiation. At ACC2004, JACC 2004; 43 (5): 69A.
10. **Li J.S.**, Ebato B, Mulkey P, Chronos NAF and Robinson KA. Chronic Recovery of Endothelium-Dependent Relaxation in Pig Coronary Arteries Distal to Sites of Endovascular Irradiation After Three Months. At CRT2004.
11. **Li J.S.**, Ebato B, Cui J, Chronos NAF and Robinson KA. Endothelium-dependent Vasomotor Function of Coronary Arteries Remains Abnormal Six Months after Endovascular Brachytherapy. At CRT2004.
12. Robinson KA, **Li J.S.**, Redkar A, Mathison M, Cui J, Chronos NAF, Badylak SF and Matheny RG. Myocardial Repair with a Tissue-Engineered Extracellular Matrix Scaffold. At CRT2004.
13. **Li J.S.**, Ebato B, Rios J, Cui J, Chronos NAF and Robinson KA. Chronically Delayed Endothelial Recovery by Endovascular Irradiation Following Balloon-Injured in Pig Coronary Arteries. At CRT2004.
14. Robinson KA, **Li J.S.**, Redkar A, Mathison M, Cui J, Chronos NAF, Matheny RG and Badylak SF. Myocardial Infarct Repair with a Tissue-Engineered Extracellular Matrix Scaffold. At AHA2004, Circulation 2004; 110 (17): III-397.
15. **Li J.S.**, Marshall J, Cui J, Redkar A, King III SB, Chronos NAF and Robinson KA. Long-term Chronic Endothelial Dysfunction of Pig Coronary Arteries after Endovascular Irradiation. At ACC2005, JACC 2005; 45 (3): 51A.
16. Robinson KA, **Li J.S.**, Mathison M, Redkar A, Cui J, Chronos NAF, Matheny RG and Badylak SF. Extracellular Matrix Scaffold for Cardiac Repair. 2nd Annual Southeast Workshop on Tissue Engineering and Biomaterials. At UAB, Birmingham, AL. Feb. 11, 2005.
17. Cui J, Redkar A, **Li J.S.**, Mathison M, Tondato F, Mulkey P, Micko C, Chronos NAF and Robinson KA. ECM Patch Implantation Related to Selected Coronary Artery infarction in Pig Left Ventricle Free Wall. 2nd Annual Southeast Workshop on Tissue Engineering and Biomaterials. At UAB, Birmingham, AL. Feb. 11, 2005.
18. **Li J.S.**, Cui J, Ebato M, Ebato B, Chronos NAF and Robinson KA. Coronary Ameroid Constrictor Placement in Yucatan Compared to Farm Pigs: an Improved Model of Chronic Myocardial Ischemia. 2nd Annual Southeast Workshop on Tissue Engineering and Biomaterials. At UAB, Birmingham, AL. Feb. 11, 2005.
19. Robinson KA, Mathison M, Redkar A, **Li J.S.**, Cui J, Chronos NAF, Matheny RG and Badylak SF. Biomaterials Repair of the Infarcted Heart: Recruitment of Myocytes

into Extracellular Matrix Scaffolds Derived from Urinary Bladder in a Pig Model. **Best Abstract Awarded** at CRT2005.

20. **Li J.S**, Otsuka Y, Mulkey SP, Robinson KA and Chronos NAF. Inhibition of Neointima Formation is Associated with Aberrant Endothelium-Dependent Relaxation Distal to Site of DES (Cypher) Implant in Pig Coronary Arteries. At TCT2005.

21. Robinson KA, Mathison M, **Li J.S**, Cui J, Chronos NAF, Matheny RG and Badylak SF. Tissue-engineered Extracellular Matrix Scaffold as a Left Ventricular Cardiac Surgical Patch: Long-Term Results in a Porcine Model of Myocardial Infarction. At AHA 2006, Circulation 2006; 114 (18): II-729, 3721.

22. Toma CE, **Li J.S**, Jain U, Ajgaonkar M, Chronos NAF, Wilensky RL and Virmani R. Optical Pathlength Spectroscopy Predicts Fibrous Cap Thickness in Ex-Vivo Atherosclerotic Human Aortae. At AHA 2006, Circulation 2006; 114 (18): II-729, 3427.

23. Toma CE, **Li J.S**, Jain U, Ajgaonkar M, Chronos NAF, Wilensky RL and Virmani R. Fibrous Cap Thickness Prediction in Ex-Vivo Atherosclerotic Human Aortae Using Multi-Modal Optical Pathlength Spectroscopy. At TCT 2006.

24. Goodchild T, **Li J.S**, Reynolds M.M., Zhang Z, Lahann J, Shanley C.J., Wood W, Merz S. I., Robinson KA. A Novel NO Generating Stent Platform for Coronary Artery Disease. At CRT 2007.

25. **Li J.S**, Robinson KA, Mueller DW, Pendyala L, Gonzales G, Adzic R, Srivastava SC and Chronos NAF. Intravascular Stents Electroplated with ^{117m}Sn Reduce Arterial Wall Inflammation in Hyperlipidemic Rabbits. At ACC 2008.

26. Shinke T, Geva S, Pendyala L, Jabara R, **Li J.S**, Venegoni A, Colley K, Klein R, Chronos NAF, Robinson KA and Hou DM. Low-Dose Paclitaxel Elution from a Novel Bioerodible Sol-gel Coating on Stents Inhibits Neointima with Less Vascular Toxicity in Porcine Coronary Arteries. At ACC 2008.

27. Shinke T, Pendyala L, Geva S, Goodchild T, Jabara R, **Li J.S**, Chronos NAF, Robinson KA and Hou DM. Angioscopic Evaluation of Overlapping Paclitaxel-Eluting Stents: Correlation to Histopathologic Observations in Swine Coronary Arteries. At ACC 2008.

28. **Li J.S**, Pendyala L, Shinke T, Brinton TJ, Fearon WF, Robinson KA, Chronos NAF and Hou DM. Evaluation of Endothelial Dependent Microvascular Function after Overlapping Bare Metal and Paclitaxel Stent in a Swine Heart. At SCAI-ACCi2 2008 (e-abstract).

29. Pendyala L, Shinke T, **Li J.S**, Robinson KA, Chronos NAF and Hou DM. Vasorelaxation is Impaired Proximal and Distal to Paclitaxel-Eluting Stents. At SCAI-ACCi2 2008 (e-abstract).

30. Jabara R, **Li J.S**, Srivastava SC, Pendyala L, Hou DM, Shinke T, Chronos NAF and Robinson KA. Initial Assessment of a Novel Radioactive Tin-117m Stent in Porcine Coronary Arteries. At SCAI-ACCi2 2008 (e-abstract).
31. Shinke T, **Li J.S**, Goodchild T, Pendyala L, Brinton TJ, Fearon WF, Robinson KA, Chronos NAF and Hou DM. A simple, novel catheter-based method to evaluate endothelium-dependent coronary microvascular function in a porcine model. At CRT2008.
32. **Li J.S**, Pendyala L, Shinke T, Brinton TJ, Fearon WF, Robinson KA, Chronos NAF and Hou DM. Evaluation of Endothelial Dependent Microvascular Function after Overlapping Bare Metal and Paclitaxel Stent in a Swine Heart. At CRT2008.
33. Pendyala L, Shinke T, **Li J.S**, Robinson KA, Chronos NAF and Hou DM. Vasorelaxation is Impaired Proximal and Distal to Paclitaxel-Eluting Stents. At CRT2008.
34. Shinke T, Jabara R, Pendyala L, **Li J.S**, Abrutis A, Venegoni A, Colley K, Klein R, Chronos NAF, Robinson KA and Hou DM. A novel thin-strut cobalt-chromium stent for inhibition of neointimal formation in a porcine coronary artery model. At CRT2008.
35. Hou DM, Pendyala L, Shinke T, **Li J.S**, Zhang J, Robinson KA, Chronos NAF and March K. Time-to-reperfusion is STEMI: lesions from preclinical experiments. At CRT2008.
36. Jabara R, **Li J.S**, Srivastava SC, Pendyala L, Hou DM, Shinke T, Chronos NAF and Robinson KA. Initial Assessment of a Novel Radioactive Tin-117m Stent in Porcine Coronary Arteries. At CRT2008.
37. Shinke T, Pendyala L, Geva S, Goodchild T, Jabara R, **Li J.S**, Chronos NAF, Robinson KA and Hou DM. Effects of Overlapping Paclitaxel-Eluting Stents on Endothelialization and Function: Angiographic, Angioscopic and Histopathologic Findings in Swine Coronary Arteries. **Best Abstract Awarded** at Complex Cardiovascular Therapeutics 2008 Kobe, Japan.
38. **Li J.S**, Pendyala L, Shinke T, Chen JP, Chronos NAF, Robinson KA and Hou DM. Abnormal Vasomotor Function of Epicardial Resistance Arteries in Pigs after Coronary Artery Implant of Paclitaxel-Eluting Stents. At TCT 2008. Am J. Cardiology 2008, 102 (8): 153i; TCT-395.
39. Pendyala L, **Li J.S**, Shinke T, Unthank J, Chronos NAF, Robinson KA and Hou DM. Long-term Impairment of Endothelial Vasomotor Function after Superficial Femoral Artery Occlusion in Pigs: an Animal Model for Endothelial Dysfunction in Peripheral Artery Disease. At TCT 2008. Am J. Cardiology 2008, 102 (8): 224i; TCT-593.

40. Shinke T, Tanimura T, **Li J.S**, Chen JP, Pendyala L, Chronos NAF, Robinson KA and Hou DM. Evaluation of Side-View Angioscope Following Stent Placement in Swine Model. At TCT 2008. Am J. Cardiology 2008, 102 (8): 199i, TCT-523.
41. Pendyala L, **Li J.S**, Shinke T, Chen JP, Chronos NAF, Robinson KA and Hou DM. Paclitaxel-Eluting Stent Induces Endothelial Dysfunction Associated with Local Oxidative Stress in Pig Coronary Model. At TCT 2008. Am J. Cardiology 2008, 102 (8): 140i, TCT-352.
42. **Li J.S**, Pendyala L, Shinke T, Chen JP, Chronos NAF, Robinson KA and Hou DM. Endothelial Function of Epicardial Resistance Arteries in Pigs after Coronary Artery Implant of Paclitaxel-Eluting Stents. At AHA 2008. Circulation 2008; 118 (18): S-300, AHA-414.
43. Pendyala L, **Li J.S**, Shinke T, Chen JP, Chronos NAF, Robinson KA and Hou DM. Paclitaxel-Eluting Stent Induces Endothelial Dysfunction Associated with Local Oxidative Stress in Pig Coronary Model. At AHA 2008. Circulation 2008; 118 (18): S-504, AHA-3930.
44. Jabara R, Geva S, Hou DM, **Li J.S**, Chronos NAF and Robinson KA. Novel Cobalt-Chromium Ultra-Thin Strut Stent: Feasibility, Vascular Compatibility and Safety Evaluation in Porcine Coronary Arteries. At AHA 2008. Circulation 2008; 118 (18): S-745, AHA-2553.
45. Pendyala L, **Li J.S**, Shinke T, Chen JP, Chronos NAF, Robinson KA and Hou DM. Endothelium-dependent Vasomotor Dysfunction In Pig Coronary Arteries With Paclitaxel-eluting Stents Is Associated with Inflammation And Oxidative Stress. At CRT2009.
46. **Li J.S**, Shinke T, Pendyala L, Chen JP, Yin XH, Venegoni A, Colley K, Chronos NAF, Robinson KA and Hou DM. Novel Thin-strut, Bioabsorbable Sol-gel Coated, Low-dose Paclitaxel-eluting Stent: Evaluation In Porcine Coronary Arteries. At CRT2009.
47. Pendyala L, Goodchild T, **Li J.S**, Shinke T, Geva S, Chen JP, Chronos NAF, Robinson KA and Hou DM. Normal Vasomotor Function with Minimal Inflammatory Response to Cerivastatin-eluting Stent in a Rabbit Iliac Model. At CRT2009.
48. Yin XH, Shinke T, **Li J.S**, Pendyala L, Chen JP, Venegoni A, Colley K, Chronos NAF, Robinson KA and Hou DM. Long-term Responses of Porcine Coronary Arteries To Overlapping Thin-strut, Bioabsorbable Coated Low-dose Paclitaxel-eluting Stent. At CRT2009.
49. Pendyala LK, **Li J.S**, Shinke T, Geva S, Yin X, Chen JP, King SB III, Robinson KA, Chronos NAF, Hou D. Endothelium-dependent vasomotor dysfunction in pig coronary

arteries with Paclitaxel-eluting stents is associated with inflammation and oxidative stress. At ACC 2009. JACC2009; 53 (10): A8.

50. **Li J.S**, Shinke T, Pendyala L, Chen JP, Yin XH, Chronos NAF, Robinson KA and Hou DM. Novel Thin-strut, Bioabsorbable Sol-gel Coated, Low-dose Paclitaxel-eluting Stent: Evaluation In Porcine Coronary Arteries. At PCR2009, Barcelona, Spain.

51. Pendyala L, Goodchild T, **Li J.S**, Shinke T, Geva S, Chen JP, Yin XH, Chronos NAF, Robinson KA and Hou DM. Normal Vasomotor Function with Minimal Inflammatory Response to Cerivastatin-eluting Stent in a Rabbit Iliac Model. At PCR2009, Barcelona, Spain.

52. Nakamura T, Shinke T, Geva S, Brants I, Yin XH, **Li J.S**, Chen JP, Chronos NAF, Goodchild T and Hou DM Quantitative intravascular ultrasound and immunohistochemical analyses of a novel bioabsorbable stent in a porcine coronary model. At TCT2009, AJC 2009, 104: 167D.

53. Pendyala L, **Li J.S**, Yin XH, Goodchild T, Geva S, Chen JP, Venegoni A, Colley K, Chronos NAF and Hou DM. Superiority of Polymer-free Cerivastatin-eluting Stent Over Polymer-based Paclitaxel-eluting Stent for Neointimal Inhibition and Vasomotor Function Preservation in Rabbit Iliac Arteries. At TCT2009, AJC 2009, 104: 180D.

Published Manuscripts at ACRI and SJTRI

1. **Li J.S**, DeLeon H, Ebato B, Cui J, Todd J, Chronos NAF and Robinson KA. Endovascular irradiation impairs vascular functional responses in noninjured pig coronary arteries. Cardiovascular Radiation Medicine. 2002; 3 (3-4): 152-162.

2. **Li J.S**, DeLeon H, Ueno T, Cui J, Coussement PK, Chronos NAF, King III SB and Robinson KA. Vasomotor Function of Pig Coronary Arteries after Chronic Coronary Occlusion. J. Cardio. Pharmacology. 2003; 41 (4): 600-608.

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