

CURRICULUM VITAE



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Education:

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
HeBei Medical University, P. R. China	BM	1980-1985	Medicine
HeBei Medical University, P. R. China	MD	1990-1993	Cardiology
Beijing University, P. R. China	PhD	1993-1996	Cardiology (include intervention training)

Positions and Employment:

1985-1990	Resident in Medicine, HeBei Province Hospital, China
1990-1996	Fellow in Cardiology, HeBei Province Hospital, The 3 rd Hospital, Beijing University, China
1996-1998	Postdoctoral, Department of Anatomy & Cell Biology III, University of Heidelberg of Germany; Department of Radiodiagnostics and Nuclear Medicine, Diakomissen-Krankenhaus Karlsruhe-Rüppur, Academic Teaching Hospital of Freiburg University of Germany
1998-2001	Postdoctoral, Krannert Institute of Cardiology, Indiana University School of Medicine, USA
2001-2007	Assistant Professor, Krannert Institute of Cardiology, Indiana University School of Medicine, USA
2007-	Adjunct Assistant Professor, Indiana University School of Medicine (Cardiology), USA

- 2007- Senior Scientist,
Saint Joseph's Hospital Atlanta/Saint Joseph's Translational Research Institute, USA
- 2008- Visiting Professor
Harbin Medical University, Cardiology Department, the 2nd affiliated Hosp., China
- 2009- Clinical Research Associate Professor
Department of Pharmacy Practice of Mercer University, GA, USA
- 2009- Visiting Professor
Shanghai 10th People's Hospital, Tongji University, China

Professional Memberships & Editorial Board:

- Fellow of American College of Cardiology (**FACC**)
- Fellow of American Heart Association (**FAHA**)
- Member of Council on Cardiovascular Radiology & Intervention, American Heart Association (**CVRI**)
- Member of Council on Basic Cardiovascular Sciences, American Heart Association
- Member of American Society of Nuclear Cardiology

- Section Editor, *Current Cardiology Reviews*
- Monitoring Editor, *Journal of Translational Medicine*
- Editor Advisory Board, *Cardiovascular & Hematological Agents in Medicinal Chemistry*
- Editor Advisory Board, *Cardiovascular Therapy*
- Editor Advisory Board, *The Open Nitric Oxide Journal*
- Editor Board, *The Internet Journal of Endovascular Medicine*

Patents:

- A Novel Cell Coating Stent (ZL20051001169.6; #441459; China).
- A Novel Stent (ZL 200620158745.1; #989554; China).

Abstracts Reviewer for International Cardiology Meetings:

- European Society of Cardiology Congress (**ESC**)
- Annual International Symposium of Transcatheter Cardiovascular Therapeutics (**TCT**)
- China Interventional Therapeutics (**CIT**)

Domestic and International Faculty:

- 2005, ACSES, Beijing, China
- 2007, ACSES, Beijing, China
- 2008, The 17th International Cardiology Congress (ASEAN), Hanoi, Vietnam.
- 2008, The 19th Great Wall International Congress of Cardiology (GWICC), Beijing, China
- 2009, Annual Scientific Meeting of Cardiovascular Research Technologies (CRT, Washington DC, USA)
- 2009, The 3rd Oriental Congress of Cardiology (OCC), Shanghai, China
- 2009, The 20th Great Wall International Congress of Cardiology (GWICC/ISCP), Beijing, China
- 2010, China Interventional Therapeutics, Beijing, China

Journal Reviewers:

- Circulation
- JACC: Cardiovascular Interventions
- Basic Research in Cardiology
- Cardiology in Review
- International Journal of Cardiology
- Cardiovascular Drugs and Therapy
- Journal of Cardiovascular Pharmacology
- Expert Opinion on Emerging Drug
- MBC Molecular Biology
- Diabetes
- Therapy
- Innovations
- European J of Clinical Investigation
- J Applied Physiology
- Biochimie
- Experimental Biology and Medicine
- Journal of Endovascular Therapy
- Current Cardiology Reviews
- Cardiovascular Therapeutics

Honors and Awards:

- 1999-2001 Cryptic Mason Fellowship,
Cryptic Masons Medical Research Foundation
- 2001 First author North American Vascular Biology,
Young Investigator Award

- 2003 First prize for scientific paper
Chinese Medical Association (Taibei)
- 2007 Top Ten Abstracts
Cardiovascular Revascularization therapies Scientific Meeting 2007; Washington DC, USA
- 2008 Top Ten Abstracts
Cardiovascular Revascularization therapies Scientific Meeting 2008; Washington DC, USA
- 2008 Top two Abstract
Complex Catheter Therapeutics 2008; Kobe, Japan
- 2009 Young Leadership Award
Cardiovascular Research Technologies (CRT) 2009

Invited Lectures:

- 2002: Lilly Research Laboratories, Lilly corporate Center, IN, USA
- 2003: Edwards Lifesciences, Scientific Advisory Board Meeting, CA, USA
- 2005: ACSES, Beijing, & Graduate School of HeiBei Medical University, China
- 2006 EndGenitor Technologies, & Indiana Center for Vascular Biology and Medicine
Retreat, IN, USA
- 2007 ACSES, Beijing, China
- 2008 17th ASEAN Congress of Cardiology in Hanoi, Vietnam
- 2008 The 19th Great Wall International Congress of Cardiology, Beijing, China
- 2009 The 20th Great Wall International Congress of Cardiology, Beijing, China
- 2010 China Interventional Therapeutics, Beijing, china

Teaching Experiences:

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|-----------|---|--|
| 1999-2000 | Supervising medical school student | Alexander E. Marsh, MD |
| 2001-2002 | Supervising medical school student | Pamela Cates, MD |
| 2002-2003 | Supervising cardiology fellow | Carl L. Rouch, MD |
| 2003-2005 | Mentorship for research postdoctoral fellow | Zhang Ping, MD |
| 2004-2005 | Supervising cardiology fellow | Eyas Al-Shaykh Youssef, MD |
| 2005-2006 | Supervising PGY2 resident | Charlotte Ng, MD |
| 2007-2007 | Supervising EP cardiologist | Hong Zeng, MD |
| 2007-2008 | Supervising interventional cardiologist | Toshiro Shinke, MD, PhD |
| 2007-2008 | Supervising cardiology fellow | Pendyala Lakshmana, MD |
| 2008-2008 | Mentorship. Abstract presented at “Student Accomplishments Conference at Biomedical Engineering Society Annual Meeting” 2008. | Andrew Burkholder (BME ’11
Bucknell University) |

2008-2009	St. Louis , MO , USA Mentorship interventional cardiologist	Xinhua Yin, MD, PhD
2009-present	Mentorship interventional cardiologist	Nakamura Takamitsu, MD
2009-present	Project Advisor Senior Design projects, Georgia Tech	Abhay Kulkarni; John Bentley; Shalini Nemani; Prithiviraj Jothikumar
2000	Percutaneous accessing normal pericardium, Indiana University Research Catheterization Lab (Indianapolis).	
2001	Retrograde coronary venous delivery, Sierra Biomedical (San Diego).	
2003	PerDucer technique, University of Pittsburgh medical Center Research Catheterization Lab (Pittsburgh).	
2005	Coronary venous delivery, Dipartimento di Scienze Cliniche, Sezione di Chirurgia, MILANO, Italy	

Peer-reviewed publications (in chronological order)

1. Hou Dongming, Liu Kunshen, Jin Fuchang, Zhang Delan. **Treatment of S.S.S. with DDD pacemaker.** A case report. *Clinical Focus* 1992; 7(6): 38
2. Hou Dongming, Liu Kunshen, Li Xiaotao. **Rescue of pacing catheter twined in Chiari network.** A case report. *TinanJin Medical Journal* 1993; 21(10): 593
3. Liu Kunshen, Yie Wie, Hou Dongming. **Effect of ‘706’ therapy on congestive heart failure.** *Chinese Circulation Journal* 1993; 8(7): 425-426
4. Hou Dongming, Liu Kunshen, Huang Xizheng, Li Xiaotao, Jin Fuchang, Zhao Shuyuan. **Efficacy of metoprolol on haemodynamic, exercise tolerance and level of catecholamine in dilated cardiomyopathy patients.** *Chinese Journal of Cardiology* 1993; 6(21): 378
5. Hou Dongming, Liu Kunshen, Jin Fuchang, Li Xiaotao. **Rescue of Swan-Ganz catheter twined in the chordae tendineae of right ventricular.** *Chinese Circulation Journal* 1994; 9(5): 305
6. Liu Kunshen, Li Xiaotao, Hou Dongming. **92 cases pacing experience by the right supraclavicular subclavian vein approach.** *Chinese Emergency Medicine Journal* 1994; 2:19-20

7. Li Xiaotao, Huang Xizheng, Liu Kunshen, Hou Dongming. **The myocardial ultra-structure change in the diabetes.** *Chinese Journal of Physical Medicine 1995; 17(1): 12-14*
8. Hou Dongming, Chen Mingzhe, Li Xuan, Qu Wen, Xie Jingxia, Guo jingxuan. **A self-made balloon-expandable stents in swine coronary arteries.** *Chinese Journal of Cardiology 1998; 6(26): 438-439.*
9. Hou Dongming, Li Xuan, Qu Wen. **Self-expanding endovascular prosthesis: a preliminary study.** *Modern Surgery 1999; 5: 15-17.*
10. Liu Kunshen, Hou Dongming, Li Xiaotao, Jin Fuchang. **Rapid bedside temporary pacing by the right supraclavicular subclavian vein approach.** *Am J Cardiol 1993; 71(15): 1234-1235.*
11. Ralf Kinscherf, Hans-Peter Deigner, Claus Usinger, Johannes Pill, Martin Wagner, Huse Kamencic, Dongming Hou, Min Chen, Walther Schmiedt, Michael Schrader, Gyula Kovacs, Kanefusa Kato, Jürgen Metz. **Induction of mitochondrial manganeses superoxide dismutase in macrophages by oxidized LDL: is relevance in atherosclerosis of humans and heritable hyperlipidemic rabbits.** *The FASEB Journal 1997; 11(14): 1317-1328.*
12. Ralf Kinscherf, Ralf Claus, Martin Wagner, Christof Gehrke, Huse Kamencic, Dongming Hou, Olaf Nauen, Walther Schmiedt, Gyula Kovacs, Johannes Pill, Jürgen Metz and Hans-Peter Deigner. **Apoptosis caused by oxidized LDL is manganese superoxide dismutase and p53 dependent.** *The FASEB Journal 1998; 6(12): 461-467.*
13. Ralf Kinscherf, Martin Wagner, Huse Kamencic, Dongming Hou, Rainer A. Schiele, Hans-Peter Deigner, Jurgen Metz. **Characterization of apoptotic macrophages in atheromatous tissue of humans and heritable hyperlipidemic rabbits.** *Atherosclerosis 1999; 144: 33-39.*
14. Dongming Hou, Pamela I. Rogers, Philip M. Toleikis, William Hunter, Keith L. March. **Intrapericardial space delivery of paclitaxel inhibits neointimal proliferation and promotes arterial enlargement after porcine coronary overstretch.** *Circulation 2000; 102: 1575-1581.*
15. Hans-Peter Stoll, Gary D. Hutchins, Wendy L. Winkle, Anne T. Nguyen, Dongming Hou, C. Robert Appledorn, Bernd Romeike, Keith L. March. **Liquid-Filled Balloon**

- Brachytherapy Using 68Ga Is Effective and Safe Because of the Short 68-Minute Half-Life. Results of a Feasibility Study in the Porcine Coronary Overstretch Model.** *Circulation*. 2001;103:1793-1798.
16. Riley JN, Dickson TJ, Hou Dongming, Rogers P, March KL, McNally-Heintzelman KM. **Improved laser-assisted vascular tissue fusion using light-activated surgical adhesive in a porcine model.** *Biomedical Science Instrum* 2001; 37:451-456.
17. Karen JN, Dicken TJ, Hou Dongming, Rogers P, March KL, McNally-Heintzelman KM. **Improved laser-assisted vascular tissue fusion using light-activated surgical adhesive in a porcine model.** *Proc. SPIE* 2001;226:4244-4250.
18. SangHong Beak, Joseph A. Hrabie, Larry K. Keefer, Khawar Mehdi, Dongming Hou, Naomi Fingberg, Rodney Rhoades, Keith L. March. **Augmentation of intrapericardial nitric oxide level by a prolonged release NO donor reduces luminal narrowing after porcine coronary angioplasty.** *Circulation* 2002; 105: 2778-2784.
19. Dongming Hou, Fiona McLaughlin, Mary thiesse, Pamela Rogers, Rosa Johnson, Jijun Wang, Eric Rothe, Michael E. Coleman, Keith L. March. **Widespread myocardial transfection by plasmid encoding del-1 following retrograde coronary venous delivery.** *Catheter Cardio Inte* 2003;58: 207-211.
20. Dongming Hou, Keith L. March. **A novel percutaneous technique for accessing the normal pericardium: a single center successful experience of 53 porcine procedure.** *J Invasive Cardio* 2003;15: 13-16.
21. Strecker EP, Song HY, Kang SG, Dongming Hou, Schumacher M. **First experimental results with a new type of stent: the double-coil device.** *Cardiovasc Intervent Radiol* 2003;26: 269-272.
22. Dongming Hou, Alexander E. Marsh, Keith L. March. **Intrapericardial ethanol delivery inhibits neointimal proliferation after porcine coronary overstretch.** *Chinese Medical Journal (Taipei)* 2003;66:637-642.
23. Ping Zhang, Keith L. March, Dongming Hou. **Physical Training and Cardioprotection.** *Chinese Journal of Sports Medicine* 2003; 22: 378-382.
24. Dongming Hou, Hugh Narciso, Kirti Kamdar, Ping Zhang, Bruce Barclay, Keith L. March. **Reducing neointimal proliferation by a stent-based delivery of nitric oxide in**

- a porcine carotid overstretch injury model.** *Cardiovasc Intervent Radiol* 2005;28:60-65.
25. Eyas Al-Shaykh Youssef, Ping Zhang, Pamela Rogers, Patrice Tremble, Joe Rokovich, Brian Johnstone, Keith L. March, Dongming Hou. **Enhancing Myocardial Plasmid Expression by Retrograde Coronary Venous Delivery.** *Catheter Cardio Inte* 2005; 65:528-534.
26. Dongming Hou, Eyas Al-Shaykh Youssef, Todd J. Brinton, Ping Zhang, Pamela Rogers, Erik Price, Alan C. Yeung, Brian H. Johnstone, Paul G. Yock, Keith L. March. **Radiolabelled Cell Distribution following Intramyocardial, Intracoronary, and Interstitial Retrograde Coronary Venous Delivery: Implications for Current Clinical Trials.** *Circulation* 2005;112(suppl):I150-I156.
27. Jiangning Tan, Ling Han, Ruyi Du, Liming Zhao, Xing Wei, Zhizhong Ma, Dongming Hou, Brian H. Johnstone, M. R. Farlow, Yansheng Du. **Caffeic Acid Phenethyl Ester (CAPE) Possesses Potent Cardioprotective Effects in a Rabbit Model of Acute Myocardial Ischemia / Reperfusion Injury.** *Am J Physiology* 2005;285:H2265-2271.
28. Haiying Lu, Liwei Zhuang, Yanyan Yu, Ivan Hadad, Chongwen Si, Zheng Zeng, Jun Li, Jinghang Xu, Dongming Hou. **Intrahepatic HBV DNA as a Predictor of Antivirus Treatment Efficacy.** *World J of gastroenterology* 2007;13:2878-2882.
29. Lan Huang, Dongming Hou, Meredith Thompson, Sarah Baysden, W. Christopher Shelley, David A. Ingram, Keith L. March, Mervin C. Yoder. **Acute Myocardial Infarction in Swine Rapidly and Selectively Releases Highly Proliferative Endothelial Colony Forming Cells (ECFCs) into Circulation.** *Cell transplantation: the Regenerative Medicine Journal* 2007;16:887-898.
30. Nunnelle M, Balk M, Dongming Hou Jack Chen. **Primary simultaneous kissing stent deployment of anomalous looped circumflex artery during acute myocardial infarction (with staged transradial stenting of left anterior descending artery).** *Vascular Disease Management* 2008;5:31-38.
31. Toshiro Shinke, Jinsheng Li, Jack P. Chen, Pendyala Lakshmana, Traci Goodchild, Refat Jabara, Nicolas Chronos, Keith Robinson, Dongming Hou. **High incidence of intramural thrombus after overlapping paclitaxel-elution stents: angioscopic and**

- histopathologic analyses in porcine coronary arteries.** *Circulation:Cardiovascular Intervention* 2008;1:28-36.
32. Jack P. Chen, Dongming Hou. **Resolution of adjacent stent-induced saphenous vein graft compression: sequel to the “Nutcracker”.** *Angiology* 2008;59:647-648.
33. Jinsheng Li, Refat Jabara, Pendyala Lakshmana, Yoritaka Otsuka, Toshiro Shinke, Dongming Hou, Keith Robinson, Nicolas Chronos. **Abnormal vasomotor functions of coronary artery segments distal to cipher stent implantation site in swine.** *JACC intervention* 2008;1:279-285.
34. Mervyn B. Forman, Dongming Hou, Edwin K. Jackson. **Treatment of acute no-reflow during percutaneous coronary intervention with intercoronary adenosine: a report of 6 cases.** *Texas Heart Institute Journal* 2008;35:439-446.
35. Jack P. Chen, Dongming Hou. **Subvalvular stenosis after aortic valve replacement.** *Congestive Heart Failure* 2008;14(4): 214-218.
36. Toshiro Shinke, Sara Geva, Pendyala Lakshmana, Refat Jabara, Anna Venegoni, Ken Colley, Richard Klein, Nicolas Chronos, Keith Robinson, Dongming Hou. **Lower dose paclitaxel elution by novel bioerodible sol-gel coating on stents inhibits neointima formation with low toxicity in porcine coronary model.** *Int J Cardiol* 2009;135: 93-101.
37. Lakshmana Pendyala, Jinsheng Li, Toshiro Shinke, Jack P. Chen, Spencer King III, Keith A. Robinson, Nicolas A.F. Chronos, Dongming Hou. **Increased local inflammation and oxidative stress associated with overlapping paclitaxel-eluting stent induced endothelial dysfunction in pig coronary model.** *JACC: Cardiovascular Intervention* 2009;2:253-262.
38. Lakshmana K. Pendyala, Xinhua Yin, Jinsheng Li, Sara Geva, Jack P. Chen, Spencer B. King III, Nicolas Chronos, Traci Goodchild, Dongming Hou. **Polymer-free Cerivastatin-eluting Stent Inhibits Neointimal Proliferation and Preserves Vasomotor Function Compared to Polymer-based Paclitaxel-eluting Stent in Rabbit Iliac Arteries.** *AJP: Heart and Circulation* 2009
39. Refat Jabara, Sarah Geva, Henrique B. Ribeiro, Jack P. Chen, Dongming Hou, Jinsheng Li, Nicolas Chronos, Keith A. Robinson. **A Third Generation Ultra-Thin Strut Cobalt**

Chromium Stent: Histopathological Evaluation in Porcine Coronary Arteries.
EuroIntervention 2009 (*Accepted*)

Textbook Chapters and Reviews:

40. Hou Dongming, Peng Yingxin. **The role of ACE-I on the congestive heart failure.** *Clinical Focus* 1993; 19(10): 66-67.
41. Hou Dongming, Zhang Jianqing, Huang Xizheng. **The membrane of cardiomyocyte receptor changes in heart failure patients.** *Clinical Medicine* 1994; 14(6): 343-344.
42. Guo Jingxuan, Hou Dongming. **Treatment of unstable angina.** *Journal of Continuing Education for Physicians* 1995; 18(10): 4-6
43. Hou Dongming, Chen Mingzhe, Guo Jingxuan. **PTCA complications and prevention.** *Clinical Focus* 1995; 10(11): 510-511
44. Hou Dongming, Mao Jieming, Chen Mingzhe. **The status of coronary stent.** *Journal of Modern Diagnosis and Treatment* 1996; 7(3): 147-148
45. Hou Dongming, Guo Jingxuan, Chen Mingzhe. **Biodegradable stent.** *Progress in Cardiovascular Disease* 1996; 17(3): 131-132
46. Hou Dongming, Guo Jingxuan, Chen Mingzhe. **Review of Biodegradable stent.** *The part of Cardiology of Foreign Medicine* 1996; 23(3): 146-147
47. Hou Dongming, Hu Zhryi, Chen Mingzhe, Guo Jingxuan. **Endothelial function in coronary circulation.** *Journal of Medicine Review (Chinese)* 1996; 2(8): 387-388.
48. Hou Dongming, Chen Mingzhe, Li Xuan. **Coronary stent and restenosis.** *Journal of Modern Diagnosis and Treatment* 1998; 9(2): 89-90
49. Hou Dongming, Chen Mingzhe, Li Xuan. **The role of drug coated stent.** *Journal of Modern Diagnosis and Treatment* 1998; 9(3): 151-152
50. Dongming Hou, Keith L. March. **Intrapericardial Approach for Therapeutic Angiogenesis.** Ran Kornowski and Martin B. Leon, ed: **Handbook of myocardial revascularization and angiogenesis.** *London, Martinb-dunitz, 1999. Pp189-200.*
51. Dongming Hou, Keith L. March. **Intrapericardial Drug Delivery for Prevention of Restenosis.** Edoardo Camenzind and Ivan De Scheerder, ed: **Local Drug delivery for Coronary Artery Disease.** *London, Martinb-dunitz, 2005. Pp549-558.*

52. Lakshmana Pendyala, Refat Jabara, Toshiro Shinke, Nicolas Chronos, Keith Robinson, Jinsheng Li, Dongming Hou. **Drug-eluting stents, present and future.** *Cardiovascular & Hematological Agents in Medicine Chemistry* 2008; 6(2):105-115.
53. Lakshmana Pendyala, Radbika Gadesam, Ioana Ghiu, Dongming Hou, Nicolas Chronos. **Cellular cardiomyoplasty and cardiac regeneration.** *Cath Lab Digest.* 2008;March;46-48.
54. Lakshmana Pendyala, Traci Goodchild, Radhika R. Gadesam, Jack Chen, Nicolas Chronos, Dongming Hou. **Cellular cardiomyoplasty and cardiac regeneration.** *Current Cardiology Reviews* 2008;4;20-25.
55. L Pendyala, R Jabara, D Hou, T Shinke, J Li, R Gadesam, K Robinson, N Chronos, J.P. Chen. **Review of percutaneous therapy for bifurcation lesions in the era of drug-eluting stents.** *Minerva Cardioangiol* 2008;56:89-105.
56. R Gadesam, R Jabara, L Pendyala, D Hou, JP Chen. **The drug-eluting stent controversy: benefits and risks.** *International hospital equipment & solutions.* 2008;34:20-21.
57. Chen JP, Hou D, Pendyala L, Goudevenos JA, Kounis NG. **Drug-eluting stent thrombosis: the Kounis syndrome revisited.** *JACC: Cardiovascular Intervention* 2009;2:583-593.
58. Pendyala L, Li J, Yin X, Chen JP, Chronos N, Hou D. **The first-generation drug-eluting stents and coronary endothelial dysfunction.** *JACC: Cardiovascular Intervention* 2009 (*Accepted*)
59. Gaigai Zhang, Xinhua.Yin, Yongfen.Qi, Lakshmana Pendyala, Jack Chen, Dongming Hou, Chaoshu.Tang. **Ghrelin and Cardiovascular Diseases.** *Current Cardiology Reviews* 2009;4 (*Accepted*)
60. Yue Liu, Xinhua Yin, Yongfen Qi, Lakshmana Pendyala, Jack Chen, Dongming Hou, Chaoshu Tang. **A New Neuropeptide Cortistatin: Structure, Function and Therapeutic Potential.** *Peptides (revision).*
61. Thach Nguyen, ShaoLiang Chen, Alexander Doganov, Dongming Hou and Steven Bailey. **Acute Coronary Syndrome.** *Dayi Hu, Thach Nguyen, Moo-Hyun Kim, Tak Kwan, Shigeru Saito, Cindy Grines, ed: Evidence-based Cardiology Practice: A 21st Century Approach.* *People's Medical Publishing House-USA* 2009. Pp409-446.

62. Jack P. Chen, Dongming Hou, Lakshmana Pendyala, Spencer B. King III, **Principles of Percutaneous Coronary Interventions”** *Debabrata Mukherjee, Eric R. Bates, Marco Roffi, and David J. Moliterno, ed: Cardiac Catheterization, Coronary and Peripheral Angiography, and Interventional Procedures. Informa Healthcare, London (In press).*

Abstracts:

1. R.Kinscherf, H.P.Deigner, M.Wagner, C.Gehrke, H.Kamencic, R.Claus, D. Hou, W.Schmiedt, J. Pill, J.Metz. **Modifiziertes LDL induziert oxidativen stress in mitochondrien und apoptose in humanen makrophagen in vitro und in arteriosklerotischen plaques.** *German J Cardiol (German) 1998;(Suppl 1):105:87*
2. Deigner H-P, Kinscherf R, Gehrke C, Wagner M, Kamencic H, Hou D, Metz J, Claus R (1998) **Oxidativer Stress und Apoptose in Makrophagen.** In: H. Heinle, H. Schulte, G. Siegel (Hrsg.); *Die Bedeutung von Proteoglykanen, Lipoproteinen und Lipasen für die Atherogenese; (German) p. 70-7*
3. Kamencic H, Kinscherf R, Deigner H-P, Hou D, Bonaterra GA, Metz J (1998) **Hypercholesterinämie führt zu einer langanhaltenden Erhöhung von aktivierten Makrophagen im Myokard von Kaninchen.** In: H. Heinle, H. Schulte, G. Siegel (Hrsg.);*Die Bedeutung von Proteoglykanen, Lipoproteinen und Lipasen für die Atherogenese; (German) p.245-249.*
4. Dongming Hou, Alexander E. Marsh, Pamela I. Rogers, Keith L. March. **Intrapericardial space delivery of ethanol inhibits restenosis in overstretch porcine coronary vessels.** *JACC 2000; 35: 61A.*
5. Dongming Hou, Michael A. Reidy, Keith L.March. **Endoluminal ultrasound enhance local drug delivery efficiency.** *JACC 2000; 35: 80A.*
6. Hou DM, Rogers PI, Toleikis PM, Hunter W, March KL. **Intrapericardial space delivery of paclitaxel inhibits neointimal proliferation and promotes arterial enlargement after porcine coronary overstretch.** *European Heart Journal 2000; 21: 1591.*
7. Hou DM, Reidy MA, March KL. **Endoluminal ultrasound enhance local drug delivery efficiency.** *European Heart Journal 2000; 21: 3249.*
8. Hans-Peter Stoll, Gary D. Hutchins, Wendy L. Winkle, Anne T. Nguyen, Dongming Hou, Keith L. March, Roudebush RL. **Gallium-68 provides 15-fold reduction of**

- balloon-rupture-related patient whole-body dose compared with rhenium-188: previously unachieved safety for liquid-filled balloon brachytherapy.** *Cardiovasc Radiat Med* 2001 1;2:60.
9. Fiona MacLaughlin, Mary Thiesse, Dongming Hou, Pam rogers, Rosa Earls, Mehrdad Rezaee, Jijun Wang, Eric Rothe, Keith March, Mike Coleman. **Percutaneous delivery of a plasmid-based del-1 gene therapy to the myocardium of pigs.** *Molecular Therapy*. 2001; 3: S274.
 10. Hou DM, March KL. **Percutaneous accessing the normal pericardium by a sheathed needle device: successful experiences of 68 porcine procedure.** *Am J Cardiol* 2001;88: 123G.
 11. Dongming Hou, Fiona McLaughlin, Mary thiesse, Pamela Rogers, Rosa Johnson, Jijun Wang, Eric Rothe, Michael E. Coleman, Keith L. March. **Widespread myocardial transfection by plasmid encoding del-1 following retrograde coronary venous delivery.** *Circulation* 2001; 104:II-116.
 12. Dongming Hou, Pamela Cates, Sebastiaan C.A.M. Bekkers, Michael A, Miller, Carl L. Rouch, Keith L. March. **Efficient myocardial delivery of microspheres and endothelial cells via selective retrograde coronary venous delivery.** *JACC* 2002; 39:76A
 13. Fiona MacLaughlin, Mary Thiesse, Jijun Wang, Elizabeth Wilson, Dongming Hou, Pamela Rogers, Mehrdad Rezaee, Keith March, Michael Coleman. **Cardiac gene transfer: parameters influencing retrograde intravenous delivery of formulated plasmid.** *Molecular Therapy* 2002; 5: S241.
 14. Keith March, Dongming Hou, Fiona MacLaughlin, Mary Thiesse, Pam Rogers, Vipul Panchal, Elizabeth Wilson, Mike Coleman. **Effects of Del-1 gene therapy in a porcine model of chronic myocardial ischemia.** *Molecular Therapy* 2002; 5: S356.
 15. Mehrdad Rezaee, Fiona MacLaughlin, Mary Thiesse, Jijun Wang, Dongming Hou, Keith March, Peter Altman, Michael Coleman. **Delivery of plasmid to the myocardium using direct injection via needle or helical needle-catheter.** *Molecular Therapy* 2002; 5: S241.
 16. Dongming Hou, Mary Thiesse, Elizabeth A. Wilson, Pamela I. Rogers, Michael C. Coleman, Keith L. March. **Retrograde Coronary Venous Delivery of Del-1 Plasmid**

- Increases Coronary Perfusion of Ischemic Porcine Myocardium.** *Circulation* 2002;106: II-8.
17. Dongming Hou, Hugh Narciso, Kirti Kamdar, Yiyu Zhou, William R. Herzog, Bruce Barclay, Keith L. March. **Reducing neointimal proliferation by a stent-based delivery of nitric oxide in a porcine carotid overstretch injury model.** *JACC* 2003; 41: 6A.
 18. Dongming Hou, Daniel W. van Heeckeren, Matthew Josephs, Pam Rogers, Keith L. March. **Adaptive Coronary Vessel Remodeling Following Surgical Coronary Artery-to-Left Ventricle Stent (VSTENT™) Implantation.** *JACC* 2003; 41: 8A.
 19. Dongming Hou, Hugh Narciso, Kirti Kamdar, Ping Zhang, Bruce Barclay, Keith L. March. **Dose-dependent reduction of neointimal growth by a nitric oxide (NO) eluting stent in a porcine iliac model.** *Am J Cardiol* 2003;92:97L
 20. Dongming Hou, Keith L. March. **Assessment of endogenous coronary collateral flow in porcine coronary arteries.** *Catheter Cardio Inte*, 2003;59:111
 21. Dongming Hou, Carl L Rouch, Pamela Rogers, Keith L. March. **Intrapericardial paclitaxel delivery dose not show beneficial effect on neointimal proliferation in the porcine coronary in-stent restenosis model.** *Catheter Cardio Inte*, 2004;62:99-100
 22. Eyas Al-Shaykh Youssef, Ping Zhang, Pamela Rogers, Patrice Tremble, Joe Rokovich, Brian Johnstone, Keith L. March, Dongming Hou. **Enhancing Myocardial Plasmid Expression by Retrograde Coronary Venous Delivery.** *Molecular Therapy* 2004;9:S357
 23. Dongming Hou, Mehrdad Rezaee, Pamela Rogers, Keith L. March. **Myocardium Plasmid Expression: Results of Percutaneous Coronary Venous Delivery and Direct Endomyocardium Injection.** *Am J Cardiol* 2004;96:167E.
 24. Eyas Al-Shaykh Youssef, Ping Zhang, Pamela Rogers, Brian Johnstone, Keith L. March, Dongming Hou. **Fate of Mononuclear Cells after Intramyocardial and Intracoronary Delivery; Implications for Current Clinical Trials.** *Circulation* 2004; 110:III-507
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