

CURRICULUM VITAE

NAME: Huang-Joe Wang (王黃舟), M.D., Ph.D.



POSITION TITLE:

Attending physician, Cardiology Division,
Department of Internal Medicine, China Medical
University Hospital

Associate professor, School of Medicine, China
Medical University

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INSTITUTION AND LOCATION	YEAR(s)	FIELD OF STUDY
College student, School of Medicine, China Medical College, Taichung, Taiwan	1988-1995	Medicine
Resident, General Internal Medicine, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan	1997-2000	Internal Medicine
Fellowship, Cardiology Division, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan	2000-2002	Cardiology
Ph.D. student, Institute of Biotechnology, Department of Life Science, National Tsing Hua	2005-2010	Biotechnology

Principal Investigator/Program Director (Last, First, Middle):

University, Hsinchu, Taiwan

Visiting Scholar, Coulter Department of Biomedical
Engineering and Division of Cardiology, Emory
University and Georgia Tech

2015

Cardiovascular
Mechanobiology

A. Positions and Honors

Positions and employment

July 2002- present: Attending physician, Cardiology Division, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan

Jan 2003- Dec 2006: Lecturer, School of Medicine, China Medical University, Taichung, Taiwan

Jan 2007- Jul 2012: Assistant professor, School of Medicine, China Medical University, Taichung, Taiwan

Aug 2012- Present: Associate professor, School of Medicine, China Medical University, Taichung, Taiwan

Honors

The Second Prize of the Best Article Award, 2009, Taiwan Society of Cardiology

Honorable Mention of the Original Article Poster contest, 2010, Taiwan Society of Internal Medicine.

The Second Prize of the Original Article Poster contest, 2013, Taiwan Society of Internal Medicine.

The Poster Award of Annual Convention & Scientific Session, 2014, Taiwan Society of Cardiology.

The Third Prize of the Original Article Poster contest, 2014, Taiwan Society of Internal Medicine.

Board certification

Broad of Medical Doctor

Specialist of Internal Medicine (Taiwan Society of Internal Medicine)

Principal Investigator/Program Director (Last, First, Middle):

Subspecialist of Cardiology (Taiwan Society of Cardiology)

Subspecialist of Interventional Cardiologist (Taiwan Society of Cardiology)

Subspecialist of Cardiovascular Intervention (Taiwan Society of Cardiovascular interventions)

Instructor of Adult Cardiologist (Taiwan Society of Cardiology)

Professional Membership

Member of the Taiwan Society of Internal Medicine

Member of the Taiwan Society of Cardiology

Member of the Taiwan Society of Cardiovascular Interventions

Grants (NSC & MOST)

Title	Issue institution	Position	Duration
The effect of high glucose/paclitaxel in tissue factor expression of endothelial cells.	National Science Council	Principal Investigator	Aug 1, 2007- Jun 31, 2008
The impact of food polyphenols on the thrombogenic properties of paclitaxel/thrombin treated endothelial cells.	National Science Council	Principal Investigator	Aug 1, 2008 – Jun 31, 2009

The Protective Effects of Angiotensin-(1-7) on Diabetic Hypercoagulable State.	National Science Council	Principal Investigator	Aug 1, 2011- Jun 31, 2012
Exploring the intercellular protein changes and effects of angiotensin-(1-7) on HAECs by quantitative proteomics.	Ministry of Science and Technology	Principal Investigator	Aug 1, 2014- Jun 31, 2015

B. Peer-reviewed publications

1. **Wang HJ**, Chen SF, Lo WY. Identification of Cofilin-1 Induces G0/G1 Arrest and Autophagy in Angiotensin -(1-7)-treated Human Aortic Endothelial Cells from iTRAQ Quantitative Proteomics. Sci. Rep. 6, 35372; doi: 10.1038/srep35372 (2016).
2. **Wang HJ**, Chen SF, Lo WY. iTRAQ Quantitative Proteomics-Based Identification of Cell Adhesion as a Dominant Phenotypic Modulation in Thrombin-Stimulated Human Aortic Endothelial Cells. Thromb Res 2015; 135(5):944-50.
3. **Wang HJ**, Huang YL, Shih YY, Wu HY, Peng CT, Lo WY. MicroRNA-146a Decreases High Glucose/Thrombin-induced Endothelial Inflammation by Inhibiting NAPDH Oxidase 4 Expression. Mediators Inflamm. 2014;2014:ID 379537.
4. **Wang HJ**, Lo WY, Lin LJ. Angiotensin-(1-7) Decreases Glycated Albumin- induced Endothelial Interleukin-6 Expression via Modulation of miR-146a. Biochem Biophys Res Commun 2013;430(3):1157-1163.

5. Lo WY, **Wang HJ**, Chiu CW, Chen SF. miR-27b-regulated TCTP as a novel plasma biomarker for oral cancer: From quantitative proteomics to post-transcriptional study. *J Proteomics*. 2012;77:154-166.

6. Chen TE, Lo PH, Li TC, Lin KH, Lin JJ, Hsieh LC, Chang CP, Chen YP, Chang KC, **Wang HJ***. Prognostic significance of reciprocal ST-segment depression in patients with acute ST-segment elevation myocardial infarction undergoing immediate invasive intervention. *Am J Emerg Med*. 2012;30(9):1865-71.

(*Correspondence)

7. **Wang HJ**, Huang HC, Chuang YC, Liao PJ, Yang DM, Yang WK, Huang H. Modulation of tissue factor and thrombomodulin expression in human aortic endothelial cells incubated with high glucose. *Acta Diabetol*. 2012;49(2):125-30.

8. Wang YC, Lo PH, Chang SS, Lin JJ, **Wang HJ**, Chang CP, Hsieh LC, Chen YP, Chen WK, Chen CH, Chang KC, Hung JS. On-Site Cardiology Team-Based Approach in the Emergency Department Significantly Reduces Door-to-Balloon Times in Acute ST-Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention. *Int J Clin Pract*. 2012;66(1):69-76.

9. **Wang HJ**, Lu TL, Huang H, Huang HC. Paclitaxel induces thrombomodulin downregulation in human aortic endothelial cells. *Tex Heart Inst J* 2011;38(1):20-26.

10. Yang YF[#], **Wang HJ**[#], Yeh CC, Lin HH, Huang CC. Early initiation of continuous ambulatory peritoneal dialysis in patients undergoing surgical implantation of Tenckhoff catheters. *Perit Dial Int* 2011;31(5):551-7.

([#]Yang YF and Wang HJ contributed equally to this work.)

11. Lu TL, Huang GJ, **Wang HJ**, Chen JL, Hsu HP, Lu TJ. Hispolon promotes MDM2 downregulation through chaperone-mediated autophagy. *Biochem Biophys Res Commun* 2010;398(1):26-31.

12. Lo WY, Chen SY, **Wang HJ**, Shih HC, Chen CH, Tsai CH, Tsai FJ. Association between genetic polymorphisms of the NPHS1 gene and membranous glomerulonephritis in the Taiwanese population. *Clin Chim Acta*. 2010;411(9-10):714-8.
13. **Wang HJ**, Lo WY, Lu TL, Huang H. (-)-Epigallocatechin-3-gallate Decreases Thrombin/Paclitaxel-Induced Endothelial Tissue Factor Expression via the Inhibition of c-Jun Terminal NH2 Kinase Phosphorylation. *Biochem Biophys Res Commun* 2010; 391(1):716-721.
14. Hsieh LC[#], **Wang HJ**[#], Chen YP, Lin JJ, Lee H, Lo PH. Radial Arterial Approach with Adjunctive Urokinase for Treating Occluded Autogenous Radial-Cephalic Fistulas. *Cardiovasc Intervent Radiol*. 2009;32(6):1202-1208. ([#] Hsieh LC and Wang HJ contributed equally to this work.)
15. **Wang HJ**, Huang H, Chuang YC, Huang HC. Paclitaxel induces up-regulation of tissue factor in human aortic endothelial cells. *Int Immunopharmacol* 2009;9(1): 144-147.
16. **Wang HJ**, Huang HC, Chuang YC, Huang H. Thrombin induces the expression of tissue factor in human aortic endothelial cells. *Acta Cardiologica Sinica* 2008;24(3):151-156.
17. Hsieh MH, Yeh KM, Lo PH, Lee KW, Tsui HC, Lin JJ, **Wang HJ**, Chen CC. Subjects with coronary artery disease are at high risk for glucometabolic abnormality. *Diabetes Res Clin Pract*. 2008;81(2):e20-1.
18. **Wang HJ**, Yang YF. Percutaneous treatment of dysfunctional Brescia-cimino fistulae through a radial arterial approach. *Am J Kidney Dis*. 2006;48(4):652-8.
19. **Wang HJ**, Lee KW, Hsieh DJ. Brachial loop: transradial technique to overcome this rare anatomic variation. *Catheter Cardiovasc Interv*. 2006;68(2):260-2.
20. Yang YF, **Wang HJ**, Kan WC, Kuo HL, Huang CC. Pyogenic liver abscess in ESRD patients undergoing maintenance dialysis therapy. *Am J Kidney Dis*. 2006;47(5):856-61.

21. **Wang HJ**, Lo PH, Lin JJ, Lee H, Hung JS. Treatment of Slow/No Reflow Phenomenon with Intracoronary Nitroprusside Injection in Primary Coronary Intervention for Acute Myocardial Infarction. *Cathet and Cardiovasc Intervent* 2004;63(2):171-176.
22. **Wang HJ**, Wang SS, Liao CS. Transesophageal Echocardiographic Diagnosis of Intracardiac Entrapment of A Swan-Ganz Catheter in Open Heart Surgery. *J Am Soc Echocardiogr* 2004;17(3):277-279.
23. **Wang HJ**, Ko WJ, Lee CM, Hsu RB, Chou NK, Wang SS, Liao CS, Chu SH, Lee YT. Delayed Occurrence of Cardiac Allograft Vasculopathy in Chinese Heart Transplant Recipients Compared to their Western Counterparts. *Clin Transplant* 2004;18(1):21-27.
24. **Wang HJ**, Lin JL, Lin FY. Cardiac hemangioma. *Circulation* 2002;106(19):2520.
25. **Wang HJ**, Kao HL, Liao CS, Lee YT. Export Aspiration Catheter Thrombosuction Before Actual Angioplasty in Primary Coronary Intervention for Acute Myocardial Infarction. *Cathet and Cardiovasc Intervent* 2002;57(3):332-339.
26. **Wang HJ**, Hsu KL, Chiang FT, Tseng CD, Tseng YZ, Liao CS. Technical and Prognostic Outcomes of Double Balloon Pericardiotomy for Large Malignancy-related Pericardial Effusions. *Chest* 2002;122(3):893-899.
27. **Wang HJ**, Kao HL, Liao CS, Lee YT. Coronary Stent Strut Avulsion in Aorto-ostial In-stent Restenosis: Potential Complication After Cutting Balloon Angioplasty. *Cathet and Cardiovasc Intervent* 2002;56(2):215-219.