

**Business address:** Barbra Streisand Women's Heart Center  
Cedar-Sinai Heart Institute  
127 S. San Vicente Blvd, A3600  
Los Angeles, CA 90048

**Business Phone:** (310) 423-9680

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**Education:** Bachelor of Arts in Biology  
Minor in Slavic Literature  
Honors Program in Medical Education  
Northwestern University  
Evanston, IL. 2000-2003. Magna Cum Laude

Doctor of Medicine  
Northwestern University Feinberg School of Medicine  
Chicago, IL. 2003-2007.

Internship and Residency in Internal Medicine  
Cedars-Sinai Medical Center/VA Greater Los Angeles  
Los Angeles, CA. 2007-2010.

Fellowship in General Cardiology  
Cedars-Sinai Medical Center/VA Greater Los Angeles  
Los Angeles, CA. 2010-2013.

Chief Cardiology Fellow  
Cedars-Sinai Medical Center/VA Greater Los Angeles  
Los Angeles, CA. 2012-2013.

NIH-sponsored T32 Training Program in Advanced Heart Disease  
Research (NIH T32HL116273)  
Mentor: C. Noel Bairey Merz, MD  
Barbra Streisand Women's Heart Center  
Cedars-Sinai Heart Institute  
Los Angeles, CA. 2013-2015

Cedars-Sinai Clinical Scholars Program  
Cedars-Sinai Medical Center  
Los Angeles, CA. 2013-2015

**Licensure:** California #A107662

**Board Certification:** Diplomate, American Board of Internal Medicine (ABIM)

Internal Medicine, 2010  
Cardiovascular Diseases, 2013

Diplomate, National Board of Echocardiography, 2012  
Diplomate, Board of Cardiovascular Computed Tomography, 2012  
Diplomate, Board of Nuclear Cardiology, 2012

**Professional  
Experience:**

Staff Cardiologist, Barbra Streisand Women's Heart Center  
Cedars-Sinai Heart Institute, Cedars-Sinai Medical Center  
Los Angeles, California, 2014-current

Staff Cardiologist, Noninvasive Cardiac Laboratory  
Cedars-Sinai Heart Institute, Cedars-Sinai Medical Center  
Los Angeles, California, 2015-current

Assistant Medical Director, Biomedical Imaging Research Institute  
Cedars-Sinai Medical Center  
Los Angeles, California, 2015-current

Co-Director of the Stress Echocardiography Lab  
Noninvasive Cardiac Laboratory  
Cedars-Sinai Heart Institute, Cedars-Sinai Medical Center  
Los Angeles, California, 2016-current

**Professional  
Activities:**

Chinatown Clinic  
Chinese Community Center, Chicago, IL.  
Volunteer physician, 2003-2007  
Co-Coordinator, 2004-2005

Cardiology/Echocardiography Clinic  
Saban Free Clinic, Los Angeles, CA.  
Volunteer physician, 2009-2012

American College of Cardiology  
Member, 2010-current

American College of Cardiology- Women in Cardiology  
Member, 2010-current

American Heart Association  
Member, 2013-current

Herz  
Manuscript Reviewer, 2014

The American Journal of Obstetrics and Gynecology  
Manuscript Reviewer, 2015-current

Trends in Cardiovascular Medicine  
Manuscript Reviewer, 2015

Atherosclerosis  
Manuscript Reviewer, 2015

Journal of the American Medical Association-Cardiology  
Manuscript Reviewer, 2015

Clinical Cardiology  
Manuscript Reviewer, 2016

Journal of the American Heart Association  
Manuscript Reviewer, 2016

British Heart Foundation  
Grant Reviewer, 2016

National Heart, Lung, and Blood Institute (NHLBI) Ischemia with No  
Obstructive Coronary Arteries (INOCA) Think Tank, Washington, DC.  
Member, May 17, 2016.

Clinical Therapeutics  
Manuscript Reviewer, 2017

International Journal of Cardiology  
Manuscript Reviewer, 2017  
Journal of Women's Health  
Manuscript Reviewer, 2017

European Heart Journal  
Manuscript Reviewer, 2017

Circulation: Cardiovascular Interventions  
Manuscript Reviewer, 2017

Journal of the American College of Cardiology  
Manuscript Reviewer, 2017

**Honors and Awards:**

Northwestern University Freshman Seminar Writing Award: "Preserving

Academic Freedom: The Berkeley-Novartis Alliance." 2001

Phi Beta Kappa, Northwestern University, 2003

Magna cum laude, Northwestern University, 2003

Northwestern University Barbara Greengoss Memorial Award for cancer research, 2004

Cedars-Sinai Paul Rubenstein, MD Prize for Excellence in Resident Research, 2009

Cedars-Sinai Clinical Fellows Award for Excellence in Research, 2012

Cedars-Sinai Sports Spectacular Endowed Fellowship Award, 2013

Winner of American College of Cardiology (ACC) Fellows-in-Training (FIT) Forum III: Jeopardy, 2013

Eliot Corday, MD Outstanding Fellow of the Year Award, 2011

Eliot Corday, MD Outstanding Fellow of the Year Award, 2012

Eliot Corday, MD Outstanding Fellow of the Year Award, 2013

American Heart Association (AHA) Women in Cardiology Trainee Award for Excellence, 2013

American College of Cardiology (ACC) Scientific Sessions "Best Fellows-in-Training (FIT) Poster" Award, 2014

American College of Cardiology (ACC) Scientific Sessions "Best Poster" Award, 2014

Cedars-Sinai Medical Center CTSI Eigler-Whiting-Mann Grant, 2014

American College of Cardiology (ACC) Emerging Faculty, 2016

**Research Grants and Fellowships Received:**

**Ongoing Research Support:**

1K23HL125941-01A1 PI: Janet Wei

9/1/2016-8/31/2020

NIH/NHLBI

Title: Magnetic Resonance Imaging for Global Atherosclerosis Risk Assessment

The goal of this K23 research is to use MRI for vascular-bed specific atherosclerosis phenotyping

to determine relationships to biophysical and biochemical CVD markers in patients with myocardial infarction, ischemic stroke and symptomatic peripheral artery disease. We will also evaluate phenotypic heterogeneity in atherosclerosis progression and response to guideline-based therapy in the carotid, coronary, and femoral artery beds.

University of California – California Breast Cancer Research Program

PI: Mark Goodman

09/01/2015-8/31/2017

Title: STOP Heart Disease in Breast Cancer Survivors

The goal of this project is to compare changes to the heart using non-invasive, state-of-the-art techniques called cardiac magnetic resonance imaging (CMRI) and magnetic resonance spectroscopy (MRS) before and during breast cancer treatment in women prescribed statins and women given a placebo (control).

Role: Co-Investigator (10%)

Erika Glazer Family Foundation

PI: C. Noel Bairey Merz

7/01/2014- 6/30/2019

WISE CVD Continuation

The goal of this project is to investigate the approaches to the noninvasive detection and assessment of ischemic heart disease, evaluate diastolic dysfunction and links to heart failure with preserved ejection fraction (HFpEF) in coronary microvascular dysfunction.

Role: Co-investigator (15%)

Ferguson Foundation

PI: C. Noel Bairey Merz

7/01/2015-6/30/2017

Exploring the Brain-Heart Connection in Women with Takotsubo Cardiomyopathy

The goal of this project is to investigate the brain-heart connection in women with Takotsubo cardiomyopathy.

Role: Co-Investigator (5%)

### **Completed Research Support:**

Clinical and Translational Science Institute PI: Janet Wei

7/14/2016-3/31/2017

Title: Brain-Heart Connection in Takotsubo Cardiomyopathy

The goal of this project is to investigate the brain-heart connection in women with Takotsubo cardiomyopathy using functional brain magnetic resonance imaging (fMRI).

Role: Principle Investigator (5%)

Eigler-Whiting-Mann Grant PI: Janet Wei, MD

08/01/14-6/30/16

Cedars-Sinai CTSI

Title: Magnetic Resonance Imaging for Global Atherosclerosis Risk Assessment Pilot Study

The goal is to provide preliminary data to develop a global atherosclerosis measure using non-contrast magnetic resonance imaging of the carotid, coronary, and femoral vascular beds, for assessing cardiovascular risk and monitoring atherosclerosis response to therapy. A subgroup of subjects with increased coronary plaque burden will undergo PET/MRI to evaluate high risk plaque features.

Role: Principle Investigator (5%)

n/a PI: C. Noel Bairey Merz, MD 07/01/15-06/30/16  
FAMRI (Flight Attendant Medical Research Initiatives)

Title: Vascular Aging in Flight Attendants with Occupational Secondhand Smoke Exposure  
The goal of this project is to determine whether flight attendants with pre-smoking-ban secondhand smoke exposure have signs of accelerated vascular aging as measured by arterial stiffness and endothelial dysfunction.  
Role: Co-Investigator (15%)

CardioDx PI: C. Noel Bairey Merz, MD 1/1/15-12/31/15

Title: Magnetic Resonance Imaging for Global Atherosclerosis Risk Assessment Pilot Study  
This Investigator-Initiated Research Grant will allow measurement of CorusCAD, a biomarker that measures the expression of genes and cell types involved in key inflammatory pathways that correspond to presence of coronary plaque in obstructive coronary artery disease and associated with major cardiovascular events. It has never been compared to MRI plaque burden or adverse plaque features of the carotid, coronary and femoral vessels.  
Role: Co- Investigator

T32HL116273 PI: Eduardo Marban, MD, PhD 08/01/13-7/31/15

NIH-sponsored training program in Advanced Heart Disease Research  
Title: Diagnosing Coronary Microvascular Dysfunction by Cardiac Magnetic Resonance Imaging  
The goal is to provide outstanding team-mentored training in basic biomedical and translational research to six postdoctoral fellows, who will receive intensive research experience in a focused area of cardiovascular investigation.  
Mentor: C. Noel Bairey Merz, MD  
Role: T32 Trainee

### Lectures and Presentations:

1. **Wei J**, Patel N. Prolonged ICU Course in a 20-year-old man with Factor VII Deficiency. Cedars-Sinai Medical Center Multi-disciplinary Critical Care Conference, Los Angeles, CA. Feb 2008. Oral presentation.
2. **Wei J**, Thomson L, Shufelt C, Yang Y, Gill E, Kar S, Berman D, Bairey Merz CN. Diastolic Dysfunction by Cardiac Magnetic Resonance Imaging in Women With Open Coronary Arteries and Microvascular Dysfunction. UCLA Solomon Scholars Resident Research Program, Los Angeles, CA. Jun 2009. Oral presentation.
3. **Wei J**. Coronary Microvascular Dysfunction: A Review of Cardiac Syndrome X. Cedars-Sinai Medical Center Senior Grand Rounds, Los Angeles, CA. Feb 2010. Oral Presentation.
4. **Wei J**. Frequency of Coronary Artery Fistulae After Orthotopic Heart Transplantation. Cedars-Sinai Division of Cardiology: "Research In Progress" Conference, Los Angeles, CA. Mar 2012. Oral Presentation.
5. **Wei J**. Women and Heart Disease. Cardiovascular Disease Management: A Case-Based

- Approach. Phoenix, Arizona. October 5, 2013. CME Lecture.
6. **Wei J.** Cardiac Magnetic Resonance Imaging in Women with Persistent Chest Pain and No Obstructive Coronary Artery Disease. Cedars-Sinai Heart Institute Research in Progress Seminar; Los Angeles, CA. March 11, 2014. Oral Presentation.
  7. **Wei J.** Managing Cardiovascular Risk in Diabetes. Northridge Hospital Medical Center; Northridge, California. April 22, 2014. CME Lecture.
  8. **Wei J.** Women and Ischemic Heart Disease Symposium: Case Presentations. Cedars-Sinai Medical Center; Los Angeles, CA. April 25, 2014. Oral Presentation.
  9. **Wei J.** Managing Cardiovascular Risk in Diabetes. Providence Tarzana Medical Center; Tarzana, California. October 27, 2014. CME Lecture.
  10. **Wei J.** Women and Heart Disease. Community Memorial Hospital in Ventura; Ventura, California. December 17, 2014. CME Lecture.
  11. **Wei J.** Women and Heart Disease. Cardiovascular Risk After Adverse Pregnancy Outcomes. OB/GYN Grand Rounds, Cedars-Sinai Medical Center; Los Angeles, CA. January 7, 2015. Lecture.
  12. **Wei J.** Magnetic Resonance Imaging for Global Atherosclerosis Risk Assessment. Cedars-Sinai Heart Institute Research in Progress Seminar; Los Angeles, CA. March 10, 2015. Oral Presentation.
  13. **Wei J.** High Cardiovascular Risk OB and Adverse Pregnancy Outcomes (APO): Prediction of CVD in Women. 9th Annual Women and Ischemic Heart Disease Symposium. Cedars-Sinai Medical Center; Los Angeles, CA. April 24, 2015. CME Lecture.
  14. **Wei J.** Management Considerations for Patients with Stable Ischemic Heart Disease. SIHD Expert Exchange, Orlando, FL. May 21, 2015. CME Lecture.
  15. **Wei J.** Coronary Vascular Dysfunction. Cardiology Fellows Lectures. Cedars-Sinai Medical Center, Los Angeles, CA. August 24, 2015. Lecture.
  16. **Wei J.** Women's Ischemia Syndrome Evaluation (WISE) and Coronary Microvascular Dysfunction (CMD) Registries. Coronary Vasomotor Disorders International Study Group (COVADIS) Summit. London, England. September 3, 2015. Oral Presentation.
  17. **Wei J.** Coronary Vascular Dysfunction in Women with No Obstructive Coronary Artery Disease. Cedars-Sinai Heart Institute Research In Progress Seminar; Los Angeles, CA. December 8, 2015. Oral Presentation.

18. **Wei J.** Heart Failure and Pregnancy. Maternal Fetal Medicine Fellows Lectures. Cedars-Sinai Medical Center; Los Angeles, CA. December 23, 2015. Lecture.
19. **Wei J.** Listen to your Heart: Know and Reduce Your Risk for Heart Disease. Linda Joy Pollin Women's Heart Health Day. Cedars-Sinai Medical Center, Los Angeles, CA. February 12, 2016. Keynote.
20. **Wei J.** Listen to your Heart: Know and Reduce Your Risk for Heart Disease. Congregation Beth Shalom, Santa Clarita, CA. February 21, 2016. Lecture.
21. **Wei J.** Your Biggest Health Risk: A Heart to Heart for Women. Centennial Guild - Bloom Women's Conference, Westlake Village, CA. March 4, 2016. Lecture.
22. **Wei J.** Cardiac Conditions In Pregnancy. Henry Mayo Newhall Hospital, Valencia, CA. March 24, 2016. CME Lecture.
23. **Wei J.** A Conversation with Leaders in Women's Health. Beverly Hills Chamber of Commerce Power Breakfast Panel Series. March 31, 2016. Panelist.
24. **Wei J.** Cardiovascular Risk After Adverse Pregnancy Outcomes. 71<sup>st</sup> Annual Obstetrical and Gynecological Assembly of Southern California, Marina Del Rey, CA. May 6, 2016. CME Lecture.
25. **Wei J.** What is New in Heart Failure in Women? 10th Annual Women and Ischemic Heart Disease Symposium, Cedars-Sinai Medical Center, Los Angeles. May 13, 2016. CME Lecture.
26. **Wei J.** Coronary Endothelial Dysfunction: Invasive Testing. National Heart, Lung, and Blood Institute (NHLBI) Ischemia with No Obstructive Coronary Arteries (INOCA) Think Tank, Washington, DC. May 17, 2016. Oral Presentation.
27. **Wei J.** Coronary Vascular Dysfunction. Cardiology Fellows Lectures. Cedars-Sinai Medical Center, Los Angeles, CA. September 6, 2016. Lecture
28. **Wei J.** Cardiometabolic Risk in Cancer Survivor. Cardiometabolic Risk Summit, Las Vegas, NV. October 15, 2016. CME Lecture.
29. **Wei J.** Cardiovascular Risk Assessment & Management in Patients with Diabetes. 3<sup>rd</sup> Annual DHS Diabetes Day, Los Angeles, CA. November 7, 2016. CME Lecture.
30. **Wei J.** Evaluation of Coronary Epicardial and Microcirculatory Disease. AHA Scientific Sessions, Chicago, IL. November 13, 2016. Moderator, .
31. **Wei J.** Stable Ischemic Heart Disease Risk Stratification. SIHD Expert Exchange, Garden Grove, CA. November 16, 2016. CME Lecture.



32. **Wei, J.** Chest Pain in Women with No Obstructive Coronary Artery Disease: Diagnosis and Management. 2nd Annual Symposium: Contemporary Management of Cardiovascular Disease in Women. Los Angeles, CA. Feb 4, 2017. CME Lecture.
33. **Wei, J.** Change is Good! Lifestyle Strategies in the Patient with ASCVD and Diabetes. Washington, DC. Mar 19, 2017. Session Co-Chair.
34. **Wei, J.** Expert Review: Evaluating for and Treating Coronary Vasospasm. ACC Scientific Sessions. Washington, DC. Mar 18, 2017. Oral presentation.
35. **Wei, J.** The Consequences of Sex: Women and Pregnancy Across the Spectrum. ACC Scientific Sessions. Washington, DC. Mar 19, 2017. Panelist.
36. **Wei, J.** Chest Pain in Women With No Obstructive Coronary Artery Disease. Medicine Grand Rounds, VA Greater Los Angeles Healthcare System, Los Angeles, CA. May 10, 2017. CME Lecture.
37. **Wei, J.** How Do You Know That You Are Not at Risk for A Heart Attack? 11th Annual Women and Ischemic Heart Disease Symposium. Los Angeles, CA. May 12, 2017. CME Lecture.
38. **Wei, J.** Plant-Based Eating. 11th Annual Women and Ischemic Heart Disease Symposium. Los Angeles, CA. May 12, 2017. CME Lecture.
39. **Wei, J.** Heart Disease in Women. Venice Family Clinic, Los Angeles, CA. June 6, 2017. Lecture.
40. **Wei, J.** Cardiovascular Disease in Women. Cedars-Sinai Graduate Program, Los Angeles, CA. June 9, 2017. Lecture.
41. **Wei, J.** Aging Well. Deal With It: A Women's Conference. Motion Picture & Television Fund. Los Angeles, CA. July 30, 2017. Panelist.
42. **Wei J.** Coronary Vascular Dysfunction. Cardiology Fellows Lectures. Cedars-Sinai Medical Center, Los Angeles, CA. August 15, 2017. Lecture.

## **PUBLICATIONS**

### **RESEARCH PAPERS (PEER REVIEWED)**

#### **A. RESEARCH PAPERS – PEER REVIEWED**

1. Silverman E, Maeda A, **Wei J**, Smith P, Beggs J, Lin RJ. "Interaction between a G-Patch Protein and a Spliceosomal DEXD/H-Box ATPase That Is Critical for Splicing." *Molecular and Cellular Biology*. 2004; 24(23): 10101-10. PMID: PMC529041.

2. Morrow M, Keeney K, Scholtens D, **Wei J**, Steel J, Khan SA. "Selecting Patients For Breast Conserving Therapy: The Importance of Lobular Histology." *Cancer*. 2006; 106(12): 2563-8. PMID: 16683225
3. Mehta P, Goykhman P, Thomson L, Shufelt C, **Wei J**, Yang YC, Gill E, Minissian M, Shaw L, Slomka P, Slivka M, Berman D, Bairey Merz CN. Ranolazine Improves Angina in Women With Evidence of Myocardial Ischemia But No Obstructive Coronary Artery Disease. *JACC Imaging*. 2011; 4:514-522. PMID: 21565740.
4. **Wei J**, Mehta P, Johnson DB, Samuels B, Kar S, Anderson RD, Azarbal B, Petersen J, Sharaf B, Handberg E, Shufelt C, Sopko G, Lerman A, Shaw L, Kelsey S, Pepine CJ, Bairey Merz CN. Safety of Coronary Reactivity Testing in Women with No Obstructive Coronary Artery Disease: Results From the NHLBI-Sponsored WISE (Women's Ischemia Syndrome Evaluation) Study. *JACC Interventions*. 2012; 5:646-653. PMID: PMC3417766.
5. **Wei J**, Azarbal B, Singh S, Rafiei M, Cheng R, Patel J, Esmailian F, Currier J, Kobashigawa J. Frequency of coronary artery fistulae is increased after orthotopic heart transplantation. *J Heart Lung Transplant*. 2013; 32(7):744-6. PMID: 23664527.
6. Young A, Cheng R, **Wei J**, Esmailian F, Currier J, Azarbal B. Prevalence of coronary artery fistulae after cardiac surgery : Comparison between coronary artery bypass grafting, valve surgery, and orthotopic heart transplantation. *Herz*. 2014 Mar;40 Suppl 1:51-5. PMID: 24577076.
7. Nelson MD, Szczepaniak LS, **Wei J**, Haftabaradaren A, Bharadwaj M, Sharif B, Mehta P, Thomson LE, Berman D, Li D, Bairey Merz CN. Diastolic dysfunction in women with signs and symptoms of ischemia in the absence of obstructive coronary artery disease: A report from the Women's Ischemia Syndrome Evaluation (WISE) Study. *Circ Cardiovasc Imaging*. 2014 May;7(3):510-6. PMID: PMC4031259.
8. **Wei J**, Thomson L, Agarwal M, Haft-Baradaran A, Shufelt C, Mehta P, Gill E, Johnson D, Kenkre T, Handberg E, Li D, Sharif B, Berman D, Petersen J, Pepine C, Bairey Merz CN. Cardiac magnetic resonance myocardial perfusion reserve index is reduced in women with coronary microvascular dysfunction: A National Heart, Lung and Blood Institute-sponsored study from the Women's Ischemia Syndrome Evaluation (WISE). *Circ Cardiovasc Imaging*. 2015 April;8(4):e002481. PMID: PMC4375783.

This project was the first to demonstrate a relationship between invasive measures of coronary vascular dysfunction to a noninvasive MRI measure of perfusion. Thomson and Wei were co-first authors.

9. Chen D, Sharif B, Bi X, **Wei J**, Thomson LE, Bairey Merz CN, Berman DS, Li D. Quantification of myocardial blood flow using non-electrocardiogram-triggered MRI with three-slice coverage. *Magn Reson Med*. 2015 Jun 8. [Epub ahead of print] PMID:

26059326.

10. Bairey Merz CN, Handberg EM, Shufelt CL, Mehta PK, Minissian MB, **Wei J**, Thomson LE, Berman DS, Shaw LJ, Petersen JW, Brown GH, Anderson RD, Shuster JJ, Cook-Wiens G, Rogatko A, Pepine CJ. A randomized, placebo-controlled trial of late Na current inhibition (ranolazine) in coronary microvascular dysfunction (CMD): impact on angina and myocardial perfusion reserve. *Eur Heart J*. 2015 Nov 27. [Epub ahead of print]. PMID: 26614823.
11. **Wei J**, Nelson MD, Szczepaniak EW, Smith L, Mehta PK, Thomson LE, Berman DS, Li D, Bairey Merz CN, Szczepaniak LS. Myocardial Steatosis as a Possible Mechanistic Link between Diastolic Dysfunction and Coronary Microvascular Dysfunction in Women. *Am J Physiol Heart Circ Physiol*. 2016 Jan 1;310(1):H14-9. PMID: 26519031.

This pilot work offered a potential mechanistic link between coronary microvascular dysfunction and heart failure with preserved ejection fraction, and was used to support a NIH grant application.

12. Bakir M, **Wei J**, Nelson M, Mehta P, Haftbaradarn A, Jones E, Gill E, Sharif B, Slomka P, Li D, Shufelt C, Minissian M, Berman D, Bairey Merz CN, Thomson L. Cardiac Magnetic Resonance Imaging for Myocardial Perfusion and Diastolic Function - Reference Control Values for Women. *Cardiovasc Diagn Ther*. 2016 Feb;6(1):78-86. PMID: 26885495.
13. Mian Z, **Wei J**, Bharadwaj M, Hobel Z, Lentz G, Kothawade K, Samuels B, Shufelt C, Bairey Merz CN, Mehta PK. Prior Myocardial Infarction is Associated with Coronary Endothelial Dysfunction in Women with Signs and Symptoms of Ischemia and No Obstructive Coronary Artery Disease. *Int J, Cardiol*. 2016 Mar 15;207:137-9. PMID: 26800139.
14. Sheikh AR, **Wei J**, Bairey Merz CN, Beltrame JF. The Current State of Invasive Coronary Evaluation and Management of Patients With Angina and Non-obstructive Coronary Arteries. <http://www.acc.org>. May 26, 2016.
15. **Wei J**, Mehta P, Shufelt C, Yang Y, Gill E, Kahlon R, Minissian M, Kar S, Thomson L, Berman D, Bairey Merz CN. Diastolic Dysfunction Measured by Cardiac Magnetic Resonance Imaging in Women with Signs and Symptoms of Ischemia but No Obstructive Coronary Artery Disease. *Int J Cardiol*. 2016 Jun 28;220:775-80. PMID: 27394973.

This analysis was the first to show a relationship between coronary microvascular dysfunction and diastolic function measured by MRI.

16. Bakir, M, Nelson, MD, Jones, E, Li, Q, **Wei, J**, Sharif, Sharif, B, Minissian, M, Shufelt, C, Sopko, G, Pepine, CJ, Bairey Merz, CN. Heart Failure Hospitalization in Women with Signs and Symptoms of Ischemia: A Report from the Women's Ischemia

- Syndrome Evaluation Study. *Int. J. Cardiol.* 2016.
17. Zhou Z, Bi X, **Wei J**, Yang HJ, Dharmakumar R, Arsanjani R, Bairey Merz CN, Li D, Sharif B. First-pass myocardial perfusion MRI with reduced subendocardial dark-rim artifact using optimized Cartesian sampling. *J Magn Reson Imaging.* 2016 Aug 17. PMID: 27532501.
  18. Xie Y, Kim YJ, Pang J, Kim JS, Yang Q, **Wei J**, Nguyen CT, Deng Z, Choi BQ, Fan Z, Berman DS, Chang HJ, Li D. Coronary Atherosclerosis T1-Weighted CHaracterization with Integrated Anatomical Reference (CATCH): Technical Development and Comparison with High-Risk Plaque Features Detected by Invasive Coronary Imaging. *JACC Imaging.* 2016 Oct 6. pii: S1936-878X(16)30642-8. PMID: 27743950
  19. Bairey Merz CN, Pepine CJ, Walsh MN, Fleg JL. Ischemia and No Obstructive Coronary Artery Disease (INOCA): Developing Evidence-Based Therapies and Research Agenda for the Next Decade. *Circulation.* 2017;135:1075-1092. Member of the INOCA Think Tank Working Group (Janet Wei).
  20. Nelson MD, Sharif B, Shaw JL, Cook-Wiens G, **Wei J**, Shufelt C, Mehta PK, Thomson LE, Berman DS, Thompson RB, Handberg EM, Pepine CJ, Li D, Bairey Merz CN. Myocardial tissue deformation is reduced in subjects with coronary microvascular dysfunction but not rescued by treatment with ranolazine. *Clin Cardiol.* 2016 Dec 22. PMID: 28004395.
  21. Landes S, Dela Cruz S, **Wei J**, AlBadri A, Shufelt C, Mehta P, Thomson LE, Diniz MA, Zhang X, Petersen JW, Anderson RD, Pepine CJ, Berman DS, Bairey Merz CN. Cold Pressor Stress Cardiac Magnetic Resonance Myocardial Flow Reserve Is Not Useful for Detection of Coronary Endothelial Dysfunction in Women with Signs and Symptoms of Ischemia and No Obstructive CAD. *PLoS One.* 2017 Jan 12;12(1):e0169818. PMID: 28081214; PMC5231328.
  22. AlBadri A, **Wei J**, Mehta PK, Landes S, Petersen JW, Anderson RD, Samuels B, Azarbal B, Handberg EM, Li Q, Minissian M, Shufelt C, Pepine CJ, Bairey Merz CN. Acetylcholine versus cold pressor testing for evaluation of coronary endothelial function. *PLoS One.* 2017 Feb 16;12(2):e0172538. PMID: 28207868; PMC5313214.
  23. AlBadri A, Leong D, Bairey Merz CN, **Wei J**, Handberg EM, Shufelt CL, Mehta PK, Nelson MD, Thomson LE, Berman DS, Shaw LJ, Cook-Wiens G, Pepine CJ. Typical angina is associated with greater coronary endothelial dysfunction but not abnormal vasodilatory reserve. *Clin Cardiol.* 2017 Jun 12. doi: 10.1002/clc.22740. [Epub ahead of print] PubMed PMID: 28605043.
  24. AlBadri A, Lai K, **Wei J**, Landes S, Mehta PK, Li Q, Johnson D, Reis SE, Kelsey SF, Bittner V, Sopko G, Shaw LJ, Pepine CJ, Bairey Merz CN. Inflammatory biomarkers as predictors of heart failure in women without obstructive coronary artery disease: A report from the NHLBI-sponsored Women's Ischemia Syndrome Evaluation (WISE).

- PLoS One. 2017 May 19;12(5):e0177684. PMID: 28542263; PMC5438124.
25. **Wei J**, Mehta P, Bairey Merz CN, Grey E, Garberich RF, Hauser R, Henry TD. Sex-based differences in quality of care and outcomes in a health system using a standardized STEMI protocol. *Am Heart J.* 2017;191:30-36. [Epub ahead of print]
  26. Cheng R, Kransdorf E, **Wei J**, Patel JK, Kobashigawa JA, Azarbal B. Angiogenesis on Coronary Angiography Is a Marker for Accelerated Cardiac Allograft Vasculopathy as Assessed by Intravascular Ultrasound. *Clin Transplant.* 2017 Aug 8. doi: 10.1111/ctr.13069. [Epub ahead of print]

## CHAPTERS

1. **Wei J.** (2016). Assessment of Cardiovascular Risk Beyond Lipid Panel in Cardio-Oncology Patients. In Gottlieb RA and Mehta PK (Eds), *Cardio-Oncology: Principles, Prevention and Management* (pp 237-247). Cambridge, MA: Academic Press, Elsevier.
2. **Wei J**, Bairey Merz CN. The ESC textbook of Cardiovascular Medicine – 3rd edition. Section 53: Cardiovascular Disease in Women. Chapter: CVD Prevention Guidelines. Submitted 2016.
3. **Wei J**, Bairey Merz CN. The ESC textbook of Cardiovascular Medicine – 3rd edition. Section 53: Cardiovascular Disease in Women. Section: Pregnancy and Cardiovascular disease. Chapter: General Considerations. Submitted 2016.
4. Mehta P, **Wei J**, Bairey Merz CN (2018). Angina in Subjects with Evidence of Myocardial Ischemia and No Obstructive Coronary Artery Disease. In De Lemos JA and Omland T (Eds). *Chronic Coronary Artery Disease: A Companion to Braunwald's Heart Disease* (pp 374-390). Philadelphia, PA: Elsevier.

## REVIEWS

1. Daneshvar D, **Wei J**, Tolstrup K, Thomson L, Shufelt C, Bairey Merz CN. Diastolic dysfunction: Improved understanding using emerging imaging techniques. *Am Heart J.* 2010; 160(3): 394-404. PMID: 20826245.
2. Mehta PK, **Wei J**, Wenger NK. Ischemic Heart Disease in Women: A Focus on Risk Factors. *Trends Cardiovasc Med.* 2015 Feb;25(2):140-51. PMID: 25453985.
3. Park K, **Wei J**, Minissian M, Bairey Merz CN, Pepine CJ. Adverse Pregnancy Conditions, Infertility, and Future Cardiovascular Risk: Implications for Mother and Child. 2015 Aug;29(4):391-401. PMID: 26037616
4. Chen C, **Wei J**, AlBadri A, Zarrini P, Bairey Merz CN. Coronary Microvascular Dysfunction - Epidemiology, Pathogenesis, Prognosis, Diagnosis, Risk Factors and

Therapy. *Circ J*. 2016 Nov 29. PubMed PMID: 27904032.

5. **Wei J**, Henry T. Women Have a Worse Prognosis Than Men Following STEMI: CON. Submitted to JACC August 2017.

## EDITORIALS

1. **Wei J**, Henry TD. Gender Equity in STEMI: Not So Simple!?" *Catheter Cardiovasc Interv*. 2015 Feb 15;85(3):369-70. PMID: 25684715.
2. **Wei J**, Berman DS, Li D. Coronary plaque burden regression and high-risk plaque reversal: Potential biomarkers for secondary prevention? *Trends Cardiovasc Med*. 2016 Feb;26(2):162-4. PMID: 26386886.
3. Agrawal S, Van Eyk J, Sobhani K, **Wei J**, Bairey Merz CN. Sex, Myocardial Infarction, and the Failure of Risk Scores in Women. *J Womens Health (Larchmt)*. 2015 Nov;24(11):859-61. PubMed PMID: 26288193.
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## ABSTRACTS

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