

# Hearty News

Quarterly Cardiovascular Medicine Newsletter  
Winter 2017 - 2018

## Chief's Announcements

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**Sharon Hunt, MD** Many of you already know that Sharon Hunt, a longtime member of the Stanford medical community and of our division, has cut back to a part-time faculty position as of January. Sharon has had a long and illustrious career in heart failure and transplantation. Sharon originally came to Stanford as a medical student, right around the time the first heart transplant was performed in the US by Dr. Shumway here at Stanford, almost exactly 50 years ago. She was a resident and cardiology fellow at Stanford, and joined our faculty as a Clinical Instructor in 1977, and subsequently rose through the ranks to full Professor in 1999. Sharon was Medical Director of the heart transplant service for many years, during which time she was instrumental in developing strategies for the care of heart transplant recipients—the protocols that she developed are currently being used at transplant centers around the world. Sharon started the first heart transplant fellowship training program at Stanford in 1989 and has since trained generations of transplant cardiologists, earning the nickname “[Grand]mother of heart transplantation”. She earned many honors and accolades along the way, including teaching awards here at Stanford, the Laennec Master Clinician Award from the AHA, the American Society of Transplantation Senior Achievement Award, the International Society for Heart and Lung Transplantation Lifetime Achievement Award, the Master of the American College of Cardiology award, and the Walter Albion Hewlett Award at Stanford. Sharon’s influence has spread far and wide: she chaired the ACC/AHA guidelines committee to rewrite the heart failure guidelines in 2006, she chaired the ABIM’s first test committee on the newly-recognized subspecialty of advanced heart failure and transplant cardiology, and served as the Editor-in-Chief of the Cardiology section of *UpToDate*, as well as Associate Editor of Hurst’s *The Heart*. We are grateful that Sharon will continue to see patients in the heart transplant clinic and to mentor junior faculty and trainees, who have much to gain from her wealth of experience.

Please join us in congratulating Sharon on 40 years of service to Cardiovascular Medicine!

### ***New Faculty***



**Ronglih Liao, PhD** was appointed to Professor on December 1, 2017. Dr. Ronglih Liao is recruited from Harvard Medical School and Brigham and Women’s Hospital where she was Professor of Medicine. She joins Stanford as a Professor in the Department of Medicine and a member of the Cardiovascular Institute. Dr. Liao is

recognized for her scientific contributions in revealing the pathophysiologic basis for AL amyloid cardiomyopathy and in understanding endogenous cardiac repair and regenerative capacity. She is fully vested in mentoring the next generation of investigators and in disseminating scientific knowledge to the larger research and lay communities.

### ***Faculty Appointments and Promotions***

#### *New appointments*



**Celina Yong, MD** was appointed as Assistant Professor - MCL (Cardiovascular Medicine) December 1, 2017.

#### *Re-appointments*



**Abha Khandelwal, MD, MS** was reappointed as Clinical Assistant Professor (Cardiovascular Medicine) October 1, 2017.

#### ***New Staff***



**Isaac Bakerman**, Life Science Technician is supporting Dr. Patricia Nguyen with research to better understand the pathophysiology of coronary artery disease. Isaac started on October 30th.



**Cristina Cruz**, Administrative Associate is supporting Dr. Marco Perez and Dr. Sanjiv Narayan. Cristina started on October 9th.



**Chong Park**, Life Science Research Professional, is supporting Drs. Ingelsson and Knowles to manage their wet laboratories. She is a cell and molecular biologist with extensive experience with CRISPR technology. Chong started on November 20th.



**Patricia Ramirez**, Administrative Associate is supporting the Interventional group and the CV Medicine Fellowship group. Patricia started on October 2nd.

#### ***Updates/Reminders***

- Upcoming faculty meetings –Tuesday, March 20, 2018, and June 12, 2018. All faculty

meetings start at 5pm and are located in the Falk Library.

- Please save the date for the 2018 Faculty Retreat on Saturday, September 8th starting at 8am Location: TBD.
- CV Med Quarterly Socials –All socials begin at 4:30pm in the Falk Library (or outside patio when weather permits). 2018 Socials are on Thursdays on these dates April 26th, July 26th and October 25th. We will not have a monthly social in January.

### ***Postdoctoral Scholar Updates and Reminders***

- Friendly reminder that all postdoctoral requests requiring a visa **MUST** be submitted 2 months in advance.
- Any Visitor Appointments (Scholar/Professor) are required to be submitted 3 months in advance. Appointment dates should start on the 1st or 16th of the month per the Office of Academic Affairs.
- Any additions to the activity site for Postdocs (besides Stanford) need to be sent to [Brooke/Lida](#).

## **Upcoming Cardiology Grand Rounds**

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Weekly CGR's are on Thursdays at 8am in the Falk Library.

## **Our Team in the News**

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### **Looking beyond the heart in adults with congenital heart disease**

Laura Goldenschue takes antibiotics before going to the dentist, even just for a routine cleaning. The 59-year-old from Texas assembles a team of specialists when facing a procedure as minor as a cyst removal. She carries a tiny “health passport” that lists her doctors and explains she is an adult survivor of congenital heart disease.



### **Higher blood sugar in early pregnancy raises baby's heart-defect risk**

Elevated maternal blood sugar when the fetal heart is forming has been linked to a heightened risk for congenital heart defects, according to a new Stanford study.

## Our very own Michael Fowler in the news

27 Top Cardiologists, Picked By Big Data

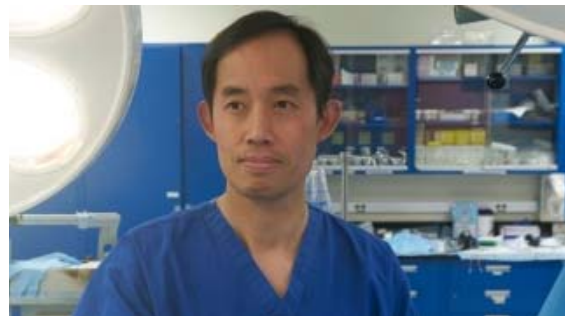


## India Community Center presents Health Leadership Award to Dr. Latha Palaniappan

Latha Palaniappan, MD received the Health Leadership Award from India Community Center for her efforts in representing understudied communities in medicine. She currently has two diabetic-exercise studies (IMPACT and STRONG-D). Her STRONG-D study is specifically for normal-weight diabetics, a scenario is quite prevalent in Asian populations.

## Celebration planned for 50th anniversary of the first U.S. heart transplant

The landmark heart transplant performed at Stanford in 1968 ultimately led to the success of the operation around the world today.



## Mechanical heart valve often the safest choice

The benefits of a mechanical valve compared with a biological valve persist until the age of 70 for mitral-valve replacement, according to a new Stanford study.



## Stanford Medicine to collaborate on Apple Heart Study

The study will make use of an app to determine whether the Apple Watch's heart-rate sensor can help detect a heart condition known as atrial fibrillation.

## Upcoming Conferences and Meetings

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[Frontiers in Cardiovascular Science](#) Tuesdays from 12:30pm – 1:30pm, Li Ka Shing Center, Stanford University

### January 2018

- [Heart Failure: Crossing the Translational Divide](#): Keystone Symposia, Keystone, CO from January 14-18, 2018
- [Heart Failure: Crossing the Translational Divide](#): Keystone Symposia, Keystone, CO from January 14-18, 2018
- [Bioenergetics and metabolic Disease](#): Keystone Symposia, Keystone, CO from January 21-25, 2018
- [World Stem Cell Summit](#): Miami, FL from January 22-26, 2018
- [AHA International Stroke Conference](#): Los Angeles, Calif. from January 24–26, 2018
- [Vascular and Endovascular Surgery Society – Annual Winter Meeting](#): Vail, CO from January 31-February 4, 2018

### February 2018

- [Atherosclerosis: Lessons Learned and Concepts Challenges](#): Keystone Symposia, Taos, NM, Feb 4-8, 2018
- [International Stroke Conference 2018](#): Los Angeles, CA, February 24-26, 2018.
- [Vascular Biology and Human Diseases: From Molecular Pathways to Novel Therapeutics](#): Keystone Symposia, Santa Fe, NM, Feb 25-Mar 1, 2018

### March 2018

- [American College of Cardiology Scientific Session & Expo](#): Orlando, FL, March 10-12, 2018
- [Society for Clinical Vascular Surgery Annual Symposium](#): Las Vegas, NV, March 17-21, 2018
- [Epidemiology and Prevention; Lifestyle and Cardiometabolic Health](#): New Orleans, LA, March 20-23, 2018

### April 2018

- [AHA QCOR \(Quality of Care and Outcomes Research\)](#): Arlington, VA, April 6–7, 2018

### May 2018

- [AHA ATVB|PVD \(Arteriosclerosis, Thrombosis and Vascular Biology | Peripheral Vascular Disease\)](#): San Francisco, Calif., May 10–12, 2018
- [Heart Rhythm Scientific Sessions](#): Boston, May 9-12, 2018

- [Big Data in Biomedicine Conference](#): Stanford, CA, May 23-24, 2018

## June 2018

- [CARDIA: Cardiac ARrhythmia, sudden Death, Inherited cardiovascular disease, Athletes](#): Paul Brest Hall, Stanford, CA, June 21-22, 2018

If you are thinking about applying to a grant, email Crystal or Pete to learn more about the Division of Cardiovascular Medicine's research development and proposal writing resources.

## Important Announcements

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**Additional Funding:** [Cardiovascular Disease Funding Opportunities](#), [Internal Funding Opportunities](#), [Postdocs and Clinical Fellows](#), [Graduate Student](#)

## February 2018

- **CERC Design Fellowship**  
Stanford University's Clinical Excellence Research Center (CERC) design fellowship provides an opportunity to gain knowledge, skills, and experience in value-based health care delivery innovation. We seek early-career aspiring innovators from diverse backgrounds – healthcare, social sciences, behavioral and management sciences, and engineering - who have the potential to become leaders in the design of higher value healthcare. For information, contact the fellowship coordinator at [cercinquiry@stanford.edu](mailto:cercinquiry@stanford.edu).  
**Deadline:** Rolling Admission
- **Stanford Child Health Research Institute (CHRI) - POSTDOCS**  
Clinical Trainee Support  
**Deadline:** Feb. 1, 2018  
[CHRI Clinical Trainee](#)
- **National Institute of Health**  
**NIH Research Project Grant (Parent R01-Clinical Trial Not Allowed)**  
**Deadline:** Feb. 5, 2018  
[PA-18-484](#)
- **National Institute of Health**  
**Improving Outcomes in Cancer Treatment-Related Cardiotoxicity (R01)**  
**Deadline:** Feb. 5, 2018  
[PA-16-035](#)
- **National Institute of Health**  
**NIH Research Project Grant (Parent R01 Clinical Trial Required)**  
**Deadline:** Feb. 5, 2018  
[PA-18-345](#)
- **National Institute of Health**  
**K99/R00 NIH Pathway to Independence Award - POSTDOCS**  
**Deadline:** Feb. 12, 2018  
[PA-16-193](#)

- **National Institute of Health**  
**K08 Mentored Clinical Research Career Development Award - POSTDOCS**  
**Deadline:** Feb. 12, 2018  
[PA-16-191](#)
- **National Institute of Health**  
**K23 Mentored Patient-Oriented Research Career Development Award - POSTDOCS**  
**Deadline:** Feb. 12, 2018  
[PA-16-198](#)
- **NHLBI Single-Site Investigator-Initiated Clinical Trials (R61/R33)**  
**Deadline:** Feb. 13, 2018  
[PAR-16-405](#)
- **Chan Zuckerberg Biohub Intercampus Research Awards**  
 The Chan Zuckerberg Biohub Intercampus Research Awards will provide \$2 million in unrestricted funding over a three-year period and give participating research teams access to Biohub's technology platforms, which include Genomics, Genome Engineering, Advanced Optical Microscopy, Data Science, and Bioengineering.  
**Deadline:** Feb. 15, 2018  
[ChanZuckerberg](#)
- **Marfan Foundation**  
**Victor A. McKusick Fellowship Program - POSTDOCS**  
 Early Investigator Grant Program  
**Deadline:** Feb. 16, 2018  
[Marfan Foundation](#)
- **Stanford-Coulter Translational Research Grants**  
 Proposals are now being accepted for Stanford-Coulter Translational Research Grant Program. The program awards \$800,000 a year to Bioengineering faculty members and their clinician researcher collaborators from the School of Medicine. Together, these teams of co-investigators work to develop new technologies that address unmet clinical needs, improve health care and lead to commercially available products.  
**Deadline:** Feb. 16, 2018  
[Coulter](#)
- **National Institute of Health**  
**NIH Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Required)**  
**Deadline:** Feb. 16, 2018  
[PA-18-344](#)
- **National Institute of Health**  
**NHLBI K01 Mentored Career Development Award to Promote Faculty Diversity - POSTDOCS**  
**Deadline:** Feb. 20, 2018  
[RFA-HL-16-006](#)

## March 2018

- **Thrasher Research Fund - POSTDOCS**



**Early Career Awards Deadline:** March 13, 2018 (Concept submission)

[Thrasher Early Career Awards](#)

- **National Institute of Health**  
**NIH Small Research Grant Program (Parent R03-Clinical Trials not allowed)**  
Multiple participating institutes  
**Deadline:** Mar 16, 2018  
[PA-18-488](#)
- **National Institute of Health**  
**NHLBI Clinical Trial Pilot Studies (R34)**  
**Deadline:** Mar 16, 2018  
[PAR-16-037](#)
- **National Institute of Health**  
**Improving Outcomes in Cancer Treatment-Related Cardiotoxicity (R21)**  
**Deadline:** Mar 16, 2018  
[PA-18-013](#)

#### April 2018

- **National Institute of Health - POSTDOCS**  
**Ruth L. Kirschstein National Research Service Awards (NRSA) for Individual Postdoctoral Fellows**  
**Deadline:** April 8, 2018  
[PA-16-307](#)
- **Marfan Foundation**  
**Clinical Research Program**  
**Faculty Grant Program**  
**Deadline:** April 20, 2018  
[Marfan Foundation](#)

## PUBLICATIONS

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Included in this newsletter are cardiovascular medicine faculty publications for the months of October – December.

#### DECEMBER

[Cangrelor compared with clopidogrel in patients with prior myocardial infarction - Insights from the CHAMPION trials.](#)

Eisen A, **Harrington RA**, Stone GW, Steg PG, Gibson CM, Hamm CW, Price MJ, Prats J, Deliargyris EN, **Mahaffey KW**, White HD, Bhatt DL; CHAMPION Investigators.  
Int J Cardiol. 2018 Jan 1;250:49-55. doi: 10.1016/j.ijcard.2017.10.006.

[GDF-15 \(Growth Differentiation Factor 15\) Is Associated With Lack of Ventricular Recovery and Mortality After Transcatheter Aortic Valve Replacement.](#)

**Kim JB**, Kobayashi Y, Moneghetti KJ, Brenner DA, O'Malley R, **Schnittger I**, **Wu JC**, Murtagh G, Beshiri A, Fischbein M, Miller DC, **Liang D**, **Yeung AC**, **Haddad F**, **Fearon WF**.  
Circ Cardiovasc Interv. 2017 Dec;10(12). pii: e005594.



[Incremental Value of Deformation Imaging and Hemodynamics Following Heart Transplantation: Insights From Graft Function Profiling.](#)

Kobayashi Y, Sudini NL, Rhee JW, Aymami M, Moneghetti KJ, Bouajila S, Kobayashi Y, Kim JB, **Schnittger I, Teuteberg JJ, Khush KK, Fearon WF, Haddad F.**  
JACC Heart Fail. 2017 Dec;5(12):930-939. doi: 10.1016/j.jchf.2017.10.011.

[Molecular and functional resemblance of differentiated cells derived from isogenic human iPSCs and SCNT-derived ESCs.](#)

Zhao MT, Chen H, Liu Q, Shao NY, Sayed N, Wo HT, Zhang JZ, Ong SG, Liu C, Kim Y, Yang H, Chour T, Ma H, Gutierrez NM, Karakikes I, Mitalipov S, Snyder MP, **Wu JC.**  
Proc Natl Acad Sci U S A. 2017 Dec 4. pii: 201708991. doi: 10.1073/pnas.1708991114.

[Health disparities among adult patients with a phenotypic diagnosis of familial hypercholesterolemia in the CASCADE-FH™ patient registry.](#)

Amrock SM, Duell PB, Knickelbine T, Martin SS, O'Brien EC, Watson KE, Mitri J, Kindt I, Shrader P, Baum SJ, Hemphill LC, Ahmed CD, Andersen RL, Kullo IJ, McCann D, Larry JA, Murray MF, Fishberg R, Guyton JR, Wilemon K, Roe MT, Rader DJ, Ballantyne CM, Underberg JA, Thompson P, Duffy D, Linton MF, Shapiro MD, Moriarty PM, **Knowles JW**, Ahmad ZS.  
Atherosclerosis. 2017 Dec;267:19-26. doi: 10.1016/j.atherosclerosis.2017.10.006.

[The TIME Trial - Effect of Timing of Stem Cell Delivery Following ST-Elevation Myocardial Infarction on the Recovery of Global and Regional Left Ventricular Function: Final 2-Year Analysis.](#)

Traverse JH, Henry TD, Pepine CJ, Willerson JT, Chugh AR, **Yang PC**, Zhao D, Ellis SG, Forder JR, Perin EC, Penn MS, Hatzopoulos AK, Chambers JW, Baran K, Raveendran G, Gee AP, Taylor DA, Moyé L, Ebert RF, Simari RD.  
Circ Res. 2017 Dec 5. pii: CIRCRESAHA.117.311466. doi: 10.1161/CIRCRESAHA.117.311466.

[Spatial relationship of sites for atrial fibrillation drivers and atrial tachycardia in patients with both arrhythmias.](#)

Baykaner T, Zaman JAB, Rogers AJ, Navara R, AlHusseini M, Borne RT, **Park S, Wang PJ**, Krummen DE, Sauer WH, **Narayan SM.**  
Int J Cardiol. 2017 Dec 1;248:188-195. doi: 10.1016/j.ijcard.2017.07.003.

[A high value care curriculum for interns: a description of curricular design, implementation and housestaff feedback.](#)

Hom J, Kumar A, Evans KH, Svec D, Richman I, Fang D, Smeraglio A, Holubar M, Johnson T, Shah N, Renault C, Ahuja N, **Witteles R**, Harman S, Shieh L.  
Postgrad Med J. 2017 Dec; 93(1106):725-729. Doi: 10.1136/postgradmedj-2016-134617.

[Carcinoid Syndrome Complicating a Pancreatic Neuroendocrine Tumor: A Case Report.](#)

Gerson JN, **Witteles RM**, Chang DT, Beygui RE, Iagaru AH, Kunz PL.  
Pancreas. 2017 Nov/Dec;46(10):1381-1385. doi: 10.1097/MPA.0000000000000932.

[The importance of capillary density-stroke work mismatch for right ventricular adaptation to chronic pressure overload.](#)

Noly PE, **Haddad F**, Arthur-Ataam J, Langer N, Dorfmueller P, Loisel F, Guihaire J, Decante B, Lamrani L, Fadel E, Mercier O.  
J Thorac Cardiovasc Surg. 2017 Dec;154(6):2070-2079. doi: 10.1016/j.jtcvs.2017.05.102.

NOVEMBER

[Increased benefit of betrixaban among patients with a history of venous thromboembolism: a post-hoc analysis of the APEX trial.](#)

Yee MK, Nafee T, Daaboul Y, Korjian S, AlKhalfan F, Kerneis M, Wiest C, Goldhaber SZ, Hernandez AF, Hull RD, Cohen AT, **Harrington RA**, Gibson CM.  
J Thromb Thrombolysis. 2017 Nov 29. doi: 10.1007/s11239-017-1583-0.

[PCSK9 Inhibitors: Economics and Policy.](#)

**Hlatky MA**, Kazi DS.

J Am Coll Cardiol. 2017 Nov 28;70(21):2677-2687. doi: 10.1016/j.jacc.2017.10.001.

[Upregulation of Human Endogenous Retrovirus-K Is Linked to Immunity and Inflammation in Pulmonary Arterial Hypertension.](#)

Saito T, Miyagawa K, Chen SY, Tamosiuniene R, Wang L, Sharpe O, Samayoa E, Harada D, Moonen JAJ, Cao A, Chen PI, Hennigs JK, Gu M, Li CG, Leib RD, Li D, Adams CM, Del Rosario PA, Bill M, **Haddad F**, Montoya JG, Robinson WH, Fantl WJ, Nolan GP, Zamanian RT, Nicolls MR, Chiu CY, Ariza ME, Rabinovitch M.  
Circulation. 2017 Nov 14;136(20):1920-1935. doi: 10.1161/CIRCULATIONAHA.117.027589.

[Cell Type-Specific Chromatin Signatures Underline Regulatory DNA Elements in Human Induced Pluripotent Stem Cells and Somatic Cells.](#)

Zhao MT, Shao NY, Hu S, Ma N, Srinivasan R, Jahanbani F, Lee J, Zhang SL, Snyder MP, **Wu JC**.  
Circ Res. 2017 Nov 10;121(11):1237-1250. doi: 10.1161/CIRCRESAHA.117.311367.

[Resuscitating Cardiovascular Drug Development.](#)

Helmy K, **Harrington RA**, Kocher B.

JAMA Cardiol. 2017 Nov 8. doi: 10.1001/jamacardio.2017.3756.

[Update to Practice Standards for Electrocardiographic Monitoring in Hospital Settings: A Scientific Statement From the American Heart Association.](#)

Sandau KE, Funk M, Auerbach A, Barsness GW, Blum K, Cvach M, Lampert R, May JL, McDaniel GM, **Perez MV**, Sendelbach S, Sommargren CE, **Wang PJ**; American Heart Association Council on Cardiovascular and Stroke Nursing; Council on Clinical Cardiology; and Council on Cardiovascular Disease in the Young.  
Circulation. 2017 Nov 7;136(19):e273-e344. doi: 10.1161/CIR.0000000000000527.

[Myocardial perfusion imaging: Lessons learned and work to be done-update.](#)

Iskandrian AE, Dilsizian V, Garcia EV, Beanlands RS, Cerqueira M, Soman P, Berman DS, Cuocolo A, Einstein AJ, Morgan CJ, Hage FG, Schelbert HR, Bax JJ, **Wu JC**, Shaw LJ, Sadeghi MM, Tamaki N, Kaufmann PA, Gropler R, Dorbala S, Van Decker W.  
J Nucl Cardiol. 2017 Nov 6. doi: 10.1007/s12350-017-1093-7.

[Reply: proton-pump inhibitor use and the risk of first-time ischemic stroke in the general population.](#)

Sehested TSG, **Hlatky MA**, Carlson N, Gislason GH.

J Intern Med. 2017 Nov 4. doi: 10.1111/joim.12711.

[Author Relationships With Industry: Policies and Procedures for Authors and Editors of JAMA Cardiology.](#)

Yancy CW, **Harrington RA**, Bonow RO.

JAMA Cardiol. 2017 Nov 1;2(11):1181-1182. doi: 10.1001/jamacardio.2017.3461.

[The continuous challenge of AF ablation: From foci to rotational activity.](#)

**Narayan SM**, Vishwanathan MN, Kowalewski CAB, Baykaner T, Rodrigo M, Zaman JAB, **Wang PJ**.

Rev Port Cardiol. 2017 Nov;36 Suppl 1:9-17. doi: 10.1016/j.repc.2017.09.007.

[Induced Pluripotent Stem Cell-Derived Endothelial Cells in Insulin Resistance and Metabolic Syndrome.](#)

Carcamo-Orive I, Huang NF, **Quertermous T**, **Knowles JW**..

Arterioscler Thromb Vasc Biol. 2017 Nov;37(11):2038-2042. doi: 10.1161/ATVBAHA.117.309291.

[Competing risk analysis in a large cardiovascular clinical trial: An APEX substudy.](#)

Arbetter DF, Jain P, Yee MK, Michalak N, Hernandez AF, Hull RD, Goldhaber SZ, **Harrington RA**, Gold A, Cohen AT, Gibson CM.

Pharm Stat. 2017 Nov;16(6):445-450. doi: 10.1002/pst.1823

[N-terminal pro-B-type natriuretic peptide and the risk of stroke among patients hospitalized with acute heart failure: an APEX trial substudy.](#)

Chi G, Januzzi JL, Korjian S, Daaboul Y, Goldhaber SZ, Hernandez AF, Hull RD, Gold A, Cohen AT, **Harrington RA**, Gibson CM.

J Thromb Thrombolysis. 2017 Nov;44(4):457-465. doi: 10.1007/s11239-017-1552-7.

[Early diagnosis of acute coronary syndrome.](#)

Katus H, Ziegler A, Ekinici O, Giannitsis E, Stough WG, Achenbach S, Blankenberg S, Brueckmann M, Collinson P, Comaniciu D, Crea F, Dinh W, Ducrocq G, Flachskampf FA, Fox KAA, Friedrich MG, Hebert KA, Himmelmann A, **Hlatky M**, Lautsch D, Lindahl B, Lindholm D, Mills NL, Minotti G, Möckel M, Omland T, Semjonow V.

Eur Heart J. 2017 Nov 1;38(41):3049-3055. doi: 10.1093/eurheartj/ehx492.

[Dynamic changes in aortic impedance after transcatheter aortic valve replacement and its impact on exploratory outcome.](#)

Kobayashi Y, Kim JB, Moneghetti KJ, Kobayashi Y, Zhang R, Brenner DA, O'Malley R, **Schnittger I**, Fischbein M, Miller DC, **Yeung AC**, **Liang D**, **Haddad F**, **Fearon WF**.

Int J Cardiovasc Imaging. 2017 Nov;33(11):1693-1701. doi: 10.1007/s10554-017-1155-6.

OCTOBER

[Passive Stretch Induces Structural and Functional Maturation of Engineered Heart Muscle as Predicted by Computational Modeling.](#)

**Abilez OJ**, Tzatzalos E, Yang H, Zhao MT, Jung G, Zöllner AM, Tiburcy M, Riegler J, Matsa E, Shukla P, Zhuge Y, Chour T, Chen VC, Burrige PW, Karakikes I, Kuhl E, Bernstein D, Couture LA, Gold JD, Zimmermann WH, **Wu JC**..

Stem Cells. 2017 Oct 31. doi: 10.1002/stem.2732.

Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR).

Gimelli A, Achenbach S, Buechel RR, Edvardsen T, Francone M, Gaemperli O, Hacker M, Hyafil F, Kaufmann PA, Lancellotti P, **Nieman K**, Pontone G, Pugliese F, Verberne HJ, Gutberlet M, Bax JJ, Neglia D.

EACVI Scientific Documents Committee. Eur Heart J. 2017 Oct 20. doi: 10.1093/eurheartj/ehx582.

Cost-effectiveness of PCSK9 Inhibitors: Proof in the Modeling.

Bonow RO, **Harrington RA**, Yancy CW.

JAMA Cardiol. 2017 Oct 18. doi: 10.1001/jamacardio.2017.3656.

Impact of Tachyarrhythmia Detection Rate and Time from Detection to Shock on Outcomes in Nationwide US Practice.

Piccini JP, Sanders P, Shah R, Roberts G, Karst E, **Turakhia MP**.

Am J Cardiol. 2017 Oct 15;120(8):1325-1331. doi: 10.1016/j.amjcard.2017.07.015.

Functional Cardiac Recovery and Hematologic Response to Chemotherapy in Patients With Light-Chain Amyloidosis (from the Stanford University Amyloidosis Registry).

Tuzovic M, Kobayashi Y, Wheeler M, Barrett C, Liedtke M, Lafayette R, Schrier S, Haddad F, **Witteles R.**

Am J Cardiol. 2017 Oct 15;120(8):1381-1386. doi: 10.1016/j.amjcard.2017.07.025.

Associations between tooth loss and prognostic biomarkers and the risk for cardiovascular events in patients with stable coronary heart disease.

Vedin O, Hagström E, Östlund O, Avezum A, Budaj A, Flather MD, **Harrington RA**, Koenig W, Soffer J, Siegbahn A, Steg PG, Stewart RAH, Wallentin L, White HD, Held C; STABILITY Investigators.

Int J Cardiol. 2017 Oct 15;245:271-276. doi: 10.1016/j.ijcard.2017.07.036.

Molecular Diagnostic Testing in Cardiac Transplantation.

**Khush K, Zarafshar S.**

Curr Cardiol Rep. 2017 Oct 13;19(11):118. doi: 10.1007/s11886-017-0915-1.

Long-term use of proton pump inhibitors, dose-response relationship and associated risk of ischemic stroke and myocardial infarction.

Sehested TSG, Gerds TA, Fosbøl EL, Hansen PW, Charlott MG, Carlson N, **Hlatky MA**, Torp-Pedersen C, Gislason GH.

J Intern Med. 2017 Oct 12. doi: 10.1111/joim.12698.

Clinical implications of gastrointestinal symptoms in systemic amyloidosis.

Yen T, Chen FW, **Witteles RM**, Liedtke M, Nguyen LA.

Neurogastroenterol Motil. 2017 Oct 10. doi: 10.1111/nmo.13229.

Effect of extended-duration thromboprophylaxis on venous thromboembolism and major bleeding among acutely ill hospitalized medical patients: a bivariate analysis.

Chi G, Goldhaber SZ, Kittelson JM, Turpie AGG, Hernandez AF, Hull RD, Gold A, Curnutte JT, Cohen AT, **Harrington RA**, Gibson CM.

J Thromb Haemost. 2017 Oct;15(10):1913-1922. doi: 10.1111/jth.13783.

[Human Induced Pluripotent Stem Cell \(hiPSC\)-Derived Cells to Assess Drug Cardiotoxicity: Opportunities and Problems.](#)

Magdy T, Schuldt AJT, **Wu JC**, Bernstein D, Burr ridge PW.

Annu Rev Pharmacol Toxicol. 2017 Oct 6. doi: 10.1146/annurev-pharmtox-010617-053110.

[Is ACS in Young Patients a "Canary in the Coal Mine" for Familial Hypercholesterolemia?](#)

**Knowles JW**, Sarraju A.

J Am Coll Cardiol. 2017 Oct 3;70(14):1741-1743. doi: 10.1016/j.jacc.2017.08.019.

[Nkx2.5+ Cardiomyoblasts Contribute to Cardiomyogenesis in the Neonatal Heart.](#)

Serpooshan V, Liu YH, Buikema JW, Galdos FX, Chirikian O, Paige S, Venkatraman S, Kumar A, Rawnsley DR, Huang X, Pijnappels DA, **Wu SM**.

Sci Rep. 2017 Oct 3;7(1):12590. doi: 10.1038/s41598-017-12869-4.

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