

# Courtney Heather Premer-Barragan, M.D., Ph.D.

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## Education

<b>McGaw Medical Center of Northwestern University</b> , Chicago, IL Emergency medicine resident physician	2021-2025
<b>University of Miami Miller School of Medicine (UMMSM)</b> , Miami, FL <b>Doctor of Medicine (M.D.)</b>	2017-2021
<b>University of Miami</b> , Miami, FL <b>Doctor of Philosophy (Ph.D.)</b> in Cellular and Molecular Pharmacology Dissertation: "Mechanisms of Allogeneic Mesenchymal Stem Cell Improvement of Endothelial Function in Patients with Heart Failure and Frailty" Dissertation Advisor: Joshua M. Hare, M.D.	2013-2016
<b>University of Wisconsin-Madison</b> , Madison, WI <b>Bachelor of Science (B.S.)</b> in Biology with a Focus in Neuroscience Honors Biology Program (Biocore)	2006-2010

## Fellowships, Honors, Awards

<b>Physician-Scientist Training Program (PSTP)</b> , Chicago, IL	2022-2025
<b>Richard Furlong, M.D. Memorial/ Society of Academic Emergency Medicine's (SAEM) Medical Student Excellence in Emergency Medicine Award</b> , Miami, FL	2021
<b>John G. Beach Research Scholarship</b> , Miami, FL	2020
<b>Best Quality in Clinical Research</b> , Department of Medicine Research Day, Miami, FL	2019
<b>Certificate of Teaching Excellence to the Frontiers in Aging and Regeneration Research</b> , Atlanta, GA	2017
<b>BCVS Young Investigator Travel Award</b> , Portland, OR	2017
<b>AAAS/Science Program for Excellence in Science nominee</b> , Miami, FL	2016
<b>American Heart Association Pre-Doctoral Fellowship</b> , Miami, FL	2015-2017
<b>2<sup>nd</sup> Place Poster Forum Winner</b> , World Stem Cell Summit, West Palm Beach, FL	2012
<b>Biocore Biology Honors Program</b> , Madison, WI	2008-2010
<b>National Society of Collegiate Scholars (NSCS)</b> , Madison, WI	2007-2010
<b>Sigma Alpha Lambda (National Leadership and Honors Organization)</b> Madison, WI	2007-2010

## Patents

<b>Materials and Method for Treating Endothelial Dysfunction</b> US Patent Application: PCT/US2015/060624; U.S. Publication No. 2017/0360837 A1 International Patents Issued: European Patent (EP 3221697 B1), Brazilian Patent (BR 112017010313 B1), South Korean Patent (KR 102626288 B1)	2017
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## Professional Memberships and Certifications

<b>Advanced Trauma Life Support (ATLS)</b>	2025-present
<b>Pediatric Advanced Life support</b>	2025-present
<b>Advanced Cardiovascular Life Support (ACLS), Provider</b>	2019-present
<b>Basic Life Support (BLS), Provider</b>	2019-present
<b>American Academy of Emergency Medicine (AAEM), Member</b>	2019-present
<b>American Heart Association (AHA), Member</b>	2014-present

## Residency Activities

**Research College** 2023-present

*Leader*

- I work with faculty research college mentors to help shape and deliver research curriculum for large group didactic sessions and small group breakout sessions during Wednesday Conference throughout the year.

**Clinical Practice Committee (CPC), AAEM** 2022-present

*Member*

- As a member of the CPC, I attend meetings and help co-author and review guidelines published on behalf of the committee.

**American Medical Women's Association (AMWA)** 2022-present

*Mentor*

- I am the mentor of a Northwestern medical student where I specifically meet with her in person 4 times per year and continuously provide advice on meeting residency and career goals.

**Northwestern Emergency Medicine Redbook** 2022-present

*Senior Editor*

*Co-author*

- I co-authored our department's rotation guide which explains in depth each residency rotation as well as provides survival tips. As a rising 4<sup>th</sup> year, I served as the senior editor.

**Bank of America Chicago Marathon** 2022, 2023

*Medical Volunteer*

- I was a medical volunteer at the medical tent, aiding with all event related injuries and illnesses.

**Intern Survival Guide** 2022

*Co-author*

- I co-authored our intern survival guide, a guide that orients interns into the department and aids them with each rotation of intern year.

**Physician-Scientist Training Program (PSTP)** 2021-present

*Scholar*

- I am part of the PSTP where my research revolves around women's health. I am specifically evaluating medication safety for breastfeeding patients, as well as working towards creating better access to emergency contraception in the emergency department.

**NUEM Blog** 2021-present

*Social Media Director*

*Blog team member*

- As a member of the blog team and director of social media, I help update our blog website, edit posts, publish biographies about residents, and help manage our Instagram and twitter account.

## **Medical School Activities**

### **Florida Department of Health COVID-19 Hotline**

2020-2021

#### *Supervisor*

- I managed over 100 volunteers at 1 of only 3 statewide call centers for the Florida Department of Health Covid-19 24-hour hotline serving the medical care community and the general residents of every individual county in the state.
- I held daily staff briefings updating frequent statewide guideline changes as well as individual county guideline changes.
- I coordinated health care providers logistic inquiries including closest facility with an open bed, acquisition of PPE supplies, and protocols in a specific county for patient care.
- I coached staff on how to handle calls about signs for positive Covid-19 symptoms, where to go, inability to quarantine or lack of transportation, and addressing overwhelming despair and lack of resources.

### **Emergency Medical Student Association (EMSA)**

2018-2021

#### *Secretary*

- I was responsible for coordinating events such as intubation/suturing workshops, conferences, and guest speakers.
- I was a mentor for underclassmen going into EM.

### **Student Government**

2018-2021

#### *MS2 Executive Committee*

#### *MS3 Class Council Secretary*

#### *MS4 Class Council Events Coordinator*

- I advocated on behalf of the student body, specifically meeting with medical school leadership team including Dean on numerous occasions advocating for student rights and showcasing perceived deficiencies with specific suggestions for improvement.
- During COVID, I participated in a unique role of ensuring our quality of education was not compromised by successfully advocating for our students to remain in clinical sites during high positivity disease rates.

### **Beats Per Minute**

2017-2021

#### *Member*

- I was a hip-hop performer at our annual cabaret fundraiser.

## **Work Experience**

### **Assistant Professor, University of South Florida**

2025- Present

- I am an assistant professor and attending in the Department of Emergency Medicine.

### **Postdoctoral Associate, University of Miami, Miami, FL**

2017

- I was a postdoctoral associate in Dr. Joshua Hare's lab responsible for writing grants, creating my own clinical studies, and managing medical students and volunteers working under me.
- I led clinical studies on endothelial dysfunction in heart failure.

**Research Associate**, University of Miami, Miami, FL

2010-2013

- I was a research associate in Dr. Joshua Hare's lab.
- I expanded my laboratory skills repertoire including PCR, western blots, ELISA assays, flow cytometry, immunohistochemistry, and cell culture.
- I was involved in numerous projects involving mesenchymal stem cells, c-kit cells, and pre-clinical stem cell therapy models.

**Biocore Outreach Ambassador (BOA)**, Madison, WI

2008-2010

- I was a weekly science teacher in rural lower and middle schools helping teachers implement an inquiry-based method of teaching and promoting hands-on scientific investigation and exploration.

**Undergraduate Research Fellow**, Madison, WI

2008-2010

- I was admitted to UW-Madison's selective research program that revolved around learning hard and fast research skills and acquiring an interdisciplinary perspective on research, developing critical thinking, and growing as an informed citizen.
- I was an instructor for an undergraduate research class, URS-250, which revolved around URS's mission above, both teaching and mentoring freshman and sophomore students.

**Server, Bartender, Marketing Director**, Opa, Madison, WI

2009-2010

- I was a server and bartender at a local high-end restaurant.
- I was responsible for marketing operations to ensure a successful new restaurant.

**Server**, The Nitty Gritty, Madison, WI

2008-2009

- I was a server at a high volume, chaotic college restaurant.

**Camp Counselor and Volleyball Coach**, Lake Bryn Mawr, Honesdale, PA

2008

- I was a full-time camp counselor to a group of 16 twelve-year-old girls at an overnight summer camp.
- I taught volleyball to all age groups.

## Research

**McGaw Medical Center of Northwestern University**, Chicago, IL

2021-present

*Medication safety in breastfeeding patients*, PI: Courtney Premer-Barragan, M.D., Ph.D.

*Physician-Scientist Training Program (PSTP)*, Advisor: Alexander Lo, M.D., Ph.D.

- I developed and am currently working on my project surrounding breastfeeding management in the emergency department as part of the PSTP.
- I presented this work at the national 2024 ACEP conference and 2024 SAEM conference.
- I published this work as both the first-author and senior author in the American Journal of Emergency Medicine.
- I published multiple blog posts on medication safety in breastfeeding patients.

**Interdisciplinary Stem Cell Institute**, Miami, FL

2010-2021

*Clinical Cardiology Stem Cell Research*, PI: Joshua Hare, M.D.

- I was a research associate in Dr. Hare's lab from 2010-2012 as described above.
- I was a PhD graduate student in Cellular and Molecular Pharmacology from 2013-2016 during which I defended my work on the mechanisms of allogeneic mesenchymal stem cell improvement of endothelial function in patients with ischemic and non-ischemic heart failure and frailty.

- I was a Postdoctoral Fellow in 2016 during which I created a sub-study of endothelial function which is now part of all our lab's clinical trials.
- Throughout medical school, I expanded on my endothelial function studies and clinical trials and was featured in the Medical Ibis Magazine, a student-run magazine featuring medical students and their research as well as awarded the John G. Beach Research Scholarship.
- During my time in Dr. Hare's lab, I co-authored 21 manuscripts, significantly contributed to over 5 funded R01 grants, and co-authored a pending patent.

**University of Wisconsin**, Madison, WI

2006-2010

*Angiotensin II Receptor Subtype Function and Localization*, PI: Mark Brownfield, Ph.D.

- I helped identify the distribution of Angiotensin II receptor subtypes (AT1a, AT1b, and AT2) in the rat brain utilizing electron microscopy, immunohistochemistry, and immunocytochemistry to aid patients affected by Angiotensin-linked diseases such as hypertension and kidney disease.
- I was the first author of this work published in the International Journal of Hypertension.

*Cancer Chemoprevention and Selenium*, PI: Terry Oberley, M.D

- I assisted in analyzing redox effects of selenium in prostate cancer chemoprevention by sectioning and immunogold labeling liver tissue and analyzing the distribution of gold beads in tissue treated with selenium.

## **Publications**

**Premier, C.**, Hare, J. M., Yuan, S. Y., & Wilson, J. W. (2025). Mesenchymal stem/stromal cells as a therapeutic for sepsis: a review on where do we stand?. *Stem cell research & therapy*, 16(1), 1-11.  
PMCID: PMC12082945

**Premier C**, Caruso K. (2024). "Safety Profile of the Most Ordered Medications for Breastfeeding Patients in the Emergency Department." *American Journal of Emergency Medicine*. 80: 1-7.  
PMID: 38461649

**Premier-Barragan, C.** Kaskar, S. (2024, Jul 29). Becoming a New Mom and New Resident. [NUEM Blog. Expert Commentary by Schulman, I]. Retrieved from <http://www.nuemblog.com/blog/new-mom-and-new-resident>

**Premier-Barragan, C.** Payne, A. (2023, Jul 31). "Breastfeeding Pharmacy Analgesics." [NUEM Blog. Expert Commentary by Caruso, K]. Retrieved from <http://www.nuemblog.com/blog/breastfeeding-pharm-analgesics>

**Premier-Barragan, C.** Kiesel, B. (2023, Jul 25). "Breastfeeding Pharmacy Antibiotics." [NUEM Blog. Expert Commentary by Caruso, K]. Retrieved from <http://www.nuemblog.com/blog/breastfeeding-pharm-antibiotics>

Utamsingh PD, Gutierrez SA, Chamorro Dauer LV, **Premier C** (2022). "When a normal newborn screen is not normal." *Open Journal of Clinical & Medical Images*. 2(2): 1061.

Rianer Qm Salzman R, **Premier C**, Hurwitz B, Molina M, Ibrahim E, Hare JM, Ramasamay R (2022). "Could COVID-19 Induced Endothelial Dysfunction Explain New Onset Peyronie's Disease?" *The Journal of Sexual Medicine*. 19 (4): S89  
PMCID: PMC9040454

**Premier C**, Schulman IH, Jackson JS. (2021) "The Role of Mesenchymal Stem/Stromal Cells in the Acute Clinical Setting." *The American Journal of Emergency Medicine*. 46: 572-578  
PMID: 33279332

Neves, AF, Camargo C, **Premier C**, Hare JM, Baumel BS, Pinto M. (2021) "Intravenous administration of mesenchymal stem cells reduces Tau phosphorylation and inflammation in the 3xTg-AD mouse model of Alzheimer's disease." *Experimental Neurology*. 341 (113706).  
PMID: 33757765

Florea V, Rieger AC, Natasumeda M, Tompkins BA, Banerjee M, Schulman IH, **Premier C**, Valasaki K, Mantero A, Balkan W, Mitrani RD, Hare JH. (2020) "The Impact of Sex on the Response to Intramyocardial Mesenchymal Stem Cell Administration in Patients with Non-Ischemic Dilated Cardiomyopathy." *Cardiovascular Research* (In Press).  
PMID: 32059936

Ory J, Saltzman RG, Blauchman-Braun R, Dadoun S, DiFede DL, **Premier C**, Hurwitz B, Hare JM, Ramasamy R (2020). "Effect of Transendocardial Stem Cell Injection on Erectile Function in Men with Cardiomyopathy: Results from the TRIDENT, POSEIDON, and TAC-HFT Trials." *Journal of Sexual Medicine*. 17(4): 695-701.  
PMID: 32053144

Naipauer J, Rosario S, Gupta S, **Premier C**, Mendez-Solis O, Schlesinger M, Ponzinibbio V, Jain V, Gay L, Renne R, Chan HL, Morey L, Salyakina D, Abba M, Williams S, Hare JM, Goldschmidt-Clermont PJ, Mesri EA (2019). "PDFGRA defines a population of mesenchymal stem cell Kaposi's Sarcoma Progenitors by enabling oncogenesis in an angiogenic KS-like environment." *Plos Pathogens* 15(12).  
PMID: 31881074

Rieger AC, Myerburg RJ, Florea V, Tompkins BA, Natasumeda M, **Premier C**, Khan A, Schulman IH, Video-Casiano M, DiFede DL, Heldman, AW, Mitrani R, Hare JM (2019). "Genetic Determinants of Responsiveness to Mesenchymal Stem Cell Injections in Non-Ischemic Dilated Cardiomyopathy." *EBioMedicine* 48: 377-385.  
PMID: 31648988

**Premier C**, Wanschel A, Porras V, Balkan W, Legendre-Hyldig T, Saltzman RG, Dong C, Schulman IH, Hare JM (2019). "Mesenchymal Stem Cells Improve Endothelial Function in Patients with Dilated Cardiomyopathy via an SDF-1 $\alpha$  Mediated Mechanism." *Frontiers in Physiology* 10: 1182.  
PMID: 31616309

**Premier C**, Kanelidis AJ, Hare JM, Schulman IH (2019). "Rethinking Endothelial Dysfunction as a Crucial Target in Fighting Heart Failure." *Mayo Clinic Proceedings: Innovations, Quality & Outcomes* 3(1): 1-13.  
PMID: 30899903

**Premier C**, Schulman IH (2018). "Predictive Value of Circulating Progenitor Cells in Acute Coronary Syndrome: Implications for Treatment." (2018). *Circulation Research* 122(11): 1491-1493.  
PMID: 30899903

**Premier C**, Schulman IH (2018). "Have We Been Measuring the Wrong Form of Vitamin D?" *Circulation Research* 123(8): 934-945.  
PMID: 30355041

Thompkins B, DiFede DL, Khan A, Landin AM, Schulman IH, Pujol MV, Heldman AW, Miki R, Goldschmidt-Clermont PJ, Goldstein BJ, Mushtaq M, Levis-Dusseau S, Byrnes JJ, Lowery M, Natasumeda M, Delgado C, Saltzman R, Video-Casiano M, Fonseca M, Golpanian S, **Premier C**, Medina A, Valasaki K, Florea V, Anderson E, El-Khorazaty J, Mendizabal A., Green G, Olivia AA, Hare JM, (2017).

"Allogeneic mesenchymal stem cells ameliorate aging frailty: A phase II randomized, double-blind, placebo-controlled clinical trial." *The Journals of Gerontology: Series A* 72(11), 1513-1522.

PMID: 28977399

Golpanian S, DiFede DL, Khan A, Schulman IH, Landin AM, Tompkins BA, Heldman AW, Miki R, Goldstein BJ, Mushtaw M, Levis-Dusseau S, Byrnes JJ, Lowery M, Natsumeda M, Delgado C, Saltzman R, Video-Casiano M, Pujol MV, Fonseca M, Olivia AA, Green G, **Premier C**, Medina A, Valasaki K, Florea V, Anderson E, El-Khorazaty J, Mendizabal A, Goldschmidt-Clermont PJ, Hare JM (2017). "Allogeneic human mesenchymal stem cell infusions for aging frailty." *The Journals of Gerontology: Series A* 72(11), 1505-1512.

PMID: 28444181

Kanelidis AJ, **Premier C**, Lopez J, Blakan W, Hare JM (2016). "Route of Delivery Modulates the Efficacy of Mesenchymal Stem Cell Therapy for Myocardial Infarction: A Meta-Analysis of Preclinical and Clinical Trials." *Circulation Research* 120(7): 1139-1150.

PMID: 28031416

Hare JM, DiFede DL, Rieger AC, Florea V, Landin AM, El-Khorazaty J, Khan A, Mushtaq M, Lowery MH, Byrnes JJ, Hendel RC, Cohen MG, Alfonso CE, Valasaki K, Pujol MV, Golpanian S, Ghersin E, Fishman JE, Pattany P, Gomes SA, Delgado C, Miki R, Abuzeid F, Vidro-Casiano M, **Premier C**, Medina A, Porras V, Hatzistergos KE, Anderson E, Mendizabal A, Mitrani R, Heldman AW (2017). "Randomized comparison of allogeneic versus autologous mesenchymal stem cells for nonischemic dilated cardiomyopathy: POSEIDON-DCM trial." *Journal of the American College of Cardiology* 69 (5), 526-537.

PMID: 27856208

Karantalis V, Suncion-Loescher VY, Bagno L, Golpanian S, Wolf A, Sanina C, **Premier C**, Kanelidis AJ, McCall F, Wang B, Balkan W, Rodriguez J, Rosado M, Morales A, Hatzistergos K, Natsumeda M, Margitich I, Schulman IH, Gomes SA, Mushtaq M, DiFede DL, Fishman JE, Pattany P, Zambrano JP, Heldman AW, Hare JM (2015). "Synergistic effects of combined cell therapy for chronic ischemic cardiomyopathy." *Journal of the American College of Cardiology* 66(18): 1990-1999.

PMID: 26516002

**Premier C**, Blum A, Bellio MA, Schulman IH, Hurwitz BE, Parker M, Demarkarian CR, Balkan W, Khan A, Hare JM (2015). "Allogeneic mesenchymal stem cells restore endothelial function in heart failure by stimulating endothelial progenitor cells." *EBioMedicine* 2(5): 467-475.

PMID: 26137590

Bagno LL, Kanashiro-Takeuchi RM, Suncion VY, Golpanian S, Karantalis V, Wolf A, Wang B, **Premier C**, Balkan W, Rodriguez J, Valdes D, Rosado M, Block NL, Goldstein P, Morales A, Cai RZ, Sha W, Schally AV, Hare JM (2015). "Growth Hormone-Releasing Hormone Agonists Reduce Myocardial Infarct Scar in Swine With Subacute Ischemic Cardiomyopathy." *Journal of the American Heart Association* 4(4): e001464.

PMID: 25827134

**Premier C** and J. M. Hare (2014). "Can endothelial progenitor cells treat patients with refractory angina?" *Circulation Research* 115(11): 904-907.

PMID: 25378530

Rangel EB, Gomes SA, Dulce RA, **Premier C**, Rodrigues CO, Kanashiro-Takeuchi RM, Oskouei B, Carvalho DA, Ruiz P, Reiser J, Hare JM (2013). "C-Kit(+) Cells Isolated from Developing Kidneys Are a Novel Population of Stem Cells with Regenerative Potential." *Stem Cells* 31(8): 1644-1656.

PMID: 23733311

**Premier C**, Lamondin C, Mitzey A, Speth RC, Brownfield MS (2013). "Immunohistochemical Localization of, and Angiotensin II Receptor Subtypes in the Rat Adrenal, Pituitary, and Brain with a Perspective Commentary." *International Journal of Hypertension* 2013: 1-22  
PMID: 23573410

Gomes SA, Rangel EB, **Premier C**, Dulce RA, Cao Y, Florea V, Balkan W, Rodrigues CO, Schally AV, Hare JM (2013). "S-nitrosoglutathione reductase (GSNOR) enhances vasculogenesis by mesenchymal stem cells." *Proceedings of the National Academy of Sciences* 110(8): 2834-2839.  
PMID: 23288904

Beigi F, Gonzalez DR, Minhas KM, Sun QA, Foster MW, Khan SA, Treuer AV, Dulce RA, Harrison RW, Saraiva RM, **Premier C**, Schulman IH, Stamler JS, Hare JM (2012). "Dynamic denitrosylation via S-nitrosoglutathione reductase regulates cardiovascular function." *Proceedings of the National Academy of Sciences* 109(11): 4314-9.  
PMID: 22366318

Kanashiro-Takeuchi RM, Takeuchi LM, Hatzistergos K, Quevedo H, Selem SM, Treuer AV, **Premier C**, Balkan W, Margitich I, Song Y, Hu Q, Hare JM (2011). "Effects of Combination of Proliferative Agents and Erythropoietin on Left Ventricular Remodeling Post-Myocardial Infarction." *Clinical and Translational Science* 4(3): 168-174.  
PMID: 22366318

## **Referenced Abstracts**

**Premier-Barragan C.**, and Caruso K. Comprehensive Safety Profile of the Most Commonly Ordered Medications for Breastfeeding Patients in the Emergency Department. *Annals of Emergency Medicine*, vol. 82, no. 4, pp. S20, 2023.

Rieger AC, Florea V, Tompkins BA, Natsumeda M, Landin AM, **Premier C**, Schulman IH, Myerburg RJ, Hare JM. Genotypic Determinants of Responsiveness to Mesenchymal Stem Cell Injections in Non-Ischemic Dilated Cardiomyopathy. *Circulation*, 2018.

Florea V, Rieger AC, Natsumeda M, Tompkins BA, Landin AM, **Premier C**, Difede D, Balkan W, Schulman IH, Hare JM. Do Males and Females with Non-Ischemic Dilated Cardiomyopathy respond similarly to stem cell therapy? An analysis from the POSEIDON-DCM Trial. *Journal of Cardiac Failure*, 2017.

Rieger AC, Florea V, Tompkins BA, Natsumeda M, Landin AM, **Premier C**, Schulman IH, Hare JM. Phenotype of Super-responders to Stem cell Therapy for Non-ischemic Dilated Cardiomyopathy. *Journal of Cardiac Failure*, 2017.

**Premier C**, Schulman IH, Balkan W, Porras V, Bellio MA, Hare JM. Allogeneic MSCs Improve Endothelial Function in Patients with Dilated Cardiomyopathy via an SDF-1alpha-mediated Mechanism and the Suppression of Pathologic Cytokines. *Circulation Research*, 2017 .

Suncion VY, Karantalis V, Bagno L, Golpanian S, Wang B, McCall F, Wolf A, Rodriguez J, Rosado M, Valdes D, Gomes S, Da Silva J, **Premier C**, Morales A, Schulman IH, Balkan W, DiFede D, Mushtaq M, Fishman JE, Pattany P, Zambrano JP, Heldman AW, Hare JM. Co-administration of Autologous Cardiac Stem Cells and Mesenchymal Stem Cells Reduces Infarct Size and is Superior to a Single Cell Type in Restoring Function in a Swine Model of Chronic Ischemic Cardiomyopathy. *Circulation*, 2014.



**Premier C**, Blum A, Bellio M, **Schulman IH**, Sierra J, Delgado C, Hurwitz B, Difede D, Parker M, Gonzalez P, Hare JM. Intracardiac Mesenchymal Stem Cells Restore Endothelial Function in Heart Failure by Stimulating the Release of Endothelial Progenitor Cells. *Circulation*, 2014.

## **Poster and Oral Presentations**

**Premier-Barragan C**, Caruso K. Safety Profile of the Most Ordered Medications for Breastfeeding in the Emergency Department. Society for Academic Emergency Medicine (SAEM) 24. Phoenix, AZ, 2024.

**Premier-Barragan C**, Caruso K. Comprehensive Safety Profile of the Most Commonly Ordered Medications for Breastfeeding Patients in the Emergency Department. American College of Emergency Physicians (ACEP) *Scientific Assembly*. Philadelphia, PA, 2023.

Scott S, Saltzman R, Li H, Hurwitz B, **Premier C**, Porras V, Bellio M, Tovar J, Vidro M, Ramdas K, DaFonseca D, Valasaki K, Solano MP, Khan A, Hare JM, Schulman IH. Rationale, Design, and Pilot Results of the Allogeneic Mesenchymal Human Stem Cells Infusion Therapy for Endothelial Dysfunction in Diabetic Subjects (ACESO) Clinical Trial. *Department of Medicine Research Day*. Miami, FL, 2019.

### **Award: Best quality in Clinical Research**

Naipauer J, Cavallin L, Rosario S, **Premier C**, Dargis-Robinson V, Gupta S, Ponzinibbio V, Salyakina D, Abba M, Renne R, Hare JM, Goldschmidt-Clermont PJ, and Mesri EA. KSHV tumorigenesis occurs by environmentally-induced epigenetic adaptation to viral oncogenic gene expression and signaling in PDGFRA+ve mesenchymal cancer stem cells. *Miami Winter Symposium*, Miami, FL, 2018.

Florea V, Landin AM, Castellanos AM, Natsumeda M, Tompkins BA, **Premier C**, Difede D, Balkan W, Schulman IH, Hare JM. The Role of Gender on Mesenchymal Stem Cell Therapy in Non-Ischemic Dilated Cardiomyopathy: A Sub-Analysis of the POSEIDON-DCM Trial. *American College of Cardiology*. Washington, D.C., 2018.

Naipauer J, Cavallin L, Rosario S, **Premier C**, Dargis-Robinson V, Gupta S, Ponzinibbio V, Salyakina D, Abba M, Hare JM, Goldschmidt-Clermont PJ, and Mesri EA. Mechanism of kshv tumorigenesis by epigenetic adaptation to viral oncogenic gene expression in pdgfra+ve mesenchymal stem cells. *Annual Sylvester Comprehensive Cancer Center Research Poster Session*. Miami, FL, 2017.

Naipauer J, Cavallin L, **Premier C**, Gupta S, Hare JM, Goldschmidt-Clermont PJ, and Mesri EA. Pdgfra defines a kaposi's sarcoma progenitor cell population among mesenchymal stem cells. *Annual Sylvester Comprehensive Cancer Center Research Poster Session*. Miami, FL, 2016.

Hatzistergos K, Sage J, Conklin J, Bellio M, Valasaki K, Margitich I, **Premier C**, Balkan W, Hare JM. Transient Inactivation of Retinoblastoma Induces De-Novo Cardiomyogenesis From Human Myocardial Progenitors but Not Pre-Existing Cardiomyocyte Replication. *American Heart Association*. New Orleans, LA, 2015.

Naipauer J, Cavallin L, Ma Q, **Premier C**, Gupta S, Locatelli P, Romanelli P, Nadji M, Hare JM, Goldschmidt-Clermont PJ, and Mesri EA. Pdgfra driven kshv-oncogenesis is a therapeutic target and defines a kaposi's sarcoma progenitor cell population among mesenchymal stem cells. *Annual Sylvester Comprehensive Cancer Center Research Poster Session*. Miami, FL, 2015.

Bagno L, Kanashio-Takeuchi R, Suncion V, Golpnaian S, Karantalis V, Wolf A, Wang B, **Premier C**, Balkan W, Rodriguez J, Valdes D, Rosado M, Block N, Goldstein P, Morales A, Cai R, Sha W, Schally A, Hare JM. Growth Hormone-Releasing Hormone Agonists Reduce Myocardial Infarct Scar in Swine with Subacute Ischemic Cardiomyopathy. *American Heart Association*. New Orleans, LA, 2015.

**Premier C**, Blum A, Bellio M, Schulman I, Sierra J, Delgado C, Hurwitz B, DiFede D, Parker M, Gonzalez P, Hare JM. Intracardiac Mesenchymal Stem Cells Restore Endothelial Function in Heart Failure by Stimulating the Release of Endothelial Progenitor Cells. *American Heart Association*. Chicago, IL, 2014.

Suncion VY, Karantalis V, Bagno L, Golpanian S, Wang B, McCall F, Wolf A, Rodriguez J, Rosado M, Valdes D, Gomes S, Da Sila J, **Premier C**, Morales A, Schulman I, Balkan W, DiFede D, Mushtaq M, Fishman J, Pattany P, Zambrano J, Heldman A, Hare JM. Co-administration of Autologous Cardiac Stem Cells and Mesenchymal Stem Cells Reduces Infarct Size and is Superior to a Single Cell Type in Restoring Function in a Swine Model of Chronic Ischemic Cardiomyopathy. *American Heart Association*. Chicago, IL, 2014.

**Melvin Judkins Young Investigator Award Finalist.**

Bagno L, Kanashiro-Tackeuchi R, Suncion VY, Golpanian S, Karantalis V, Wolf A, Wang B, **Premier C**, Rodriguez J, Valdes D, Rosado M, Block N, Goldstein P, Morales A, Schally A, Hare JM. Reduction of Scar Tissue after GHRH-Agonist Treatment in a Swine Model of Sub-acute Ischemic Cardiomyopathy. *American Heart Association*. Chicago, IL, 2014.

Suncion VY, Karantalis V, Bagno L, McCall F, Wang B, Golpanian S, Rodriguez J, Rosado M, Valdes D, Gomes S, Da Sila J, **Premier C**, Morales A, Balkan W, Mushtaq M, Zambrano J, Heldman A, Hare JM. Effect of Transendocardial Autologous Cardiac Stem Cells and Bone Marrow Mesenchymal Stem Cells to Reduce Infarct Size and Restore Cardiac Function in a Heart Failure Swine Model. *American Heart Association*. Chicago, IL, 2014.

Rangel E, Gomes S, Dulce R, **Premier C**, Rodrigues C, Kanashiro-Takeuchi R, Oskouei B, Carvalho D, Ruiz P, Reiser J, Hare JM. C-Kit(+) cells isolated from developing kidneys are stem/progenitor cells with regenerative potential. *World Stem Cell Summit*. West Palm Beach, FL, 2012.

**Poster Forum Winner: 2nd Place**

Gomes S, Rangel E, **Premier C**, Dulce R, Cao Y, Rodrigues C, Balkan W, Hare JM. Nitric oxide suppresses the angiogenic potential of mesenchymal stem cells. *American Heart Association Scientific Sessions*. San Diego, CA, 2012.

Gomes S, Rangel E, **Premier C**, Dulce R, Cao Y, Rodrigues C, Balkan W, Hare JM. *Basic Cardiovascular Sciences (BCVS)*. New Orleans, LA, 2012.

Gomes S, Rangel E, Rodrigues C, **Premier C**, Balkan W, Hare JM. Nitric oxide suppresses the angiogenic potential of mesenchymal stem cells. *Innovations in Cell-Based Regenerative Therapies*. Cleveland, OH, 2011.

**Premier C**, Saeed S, Mitzey A, Speth R, Brownfield M. Differential distribution of angiotensin AT1a, AT1b, and AT2 receptors in the rat brain. *Society for Neuroscience*. San Diego, CA, 2010.

**Premier C**, Brownfield M. Localization of angiotensin II receptors in the rat adrenal gland. *University of Wisconsin- Undergraduate Research Symposium*. Madison, WI, 2009.

**Premier C**, Oberley T. Redox effects of selenium in prostate cancer chemoprevention. *University of Wisconsin- Undergraduate Symposium*. Madison, WI, 2008.

**Premier C**, Brownfield M. Angiotensin II receptor distribution in the rat brain. *University of Wisconsin- Undergraduate Research Symposium*. Madison, WI, 2007.

