American Heart Association Scientific Sessions 2011

CCRAM Researchers presented at the American Heart Association Meeting in Orlando (see inside for details). Picture: Yinan Hua (left) and Alex Xu (right) presented their research papers; Dr. Jun Ren (center) chaired a session.

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Research Papers Published in 2011


3. Chen J, Wu S, Ren J. Ultrasonographic measurement of median nerve cross-sectional area reference values in a healthy Han population from Guiyang, China. Neural Regeneration Res. in press.


9. Klionsky DJ, ...Ren J...Zorzano A. Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy in press. IF = 6.643 (Dr. Ren is author # 872 of the total author count of >1000).

10. Li LL, Hua Y, Ren J. Short chain fatty acid propionate alleviates Akt2 knockout-induced myocardial contractile dysfunction. Exp. Diabetes Res. In press. (Editor = Y. Zhang)


2. Ceylan-Isik AF, Zhao H, Ren J, Sreejayan N. Cardiomyocyte-specific knockout of endothelin receptor 1A attenuates high fat diet-induced cardiac geometric and contractile dysfunction. Diabetes in revision.


Meetings / Presentations / Invited Talks


2. Ceylan-Isik AF, Kandadi MR, Ren J, Sreejayan N, Apelin alleviates high fat diet-induced cardiac remodeling and myocyte contractile dysfunction: Role of miRNA-133a. CHS Grand Round, April 1, 2011.


12. Ren J. “Autophagy in obesity and cardiovascular diseases”, Dean’s Forum, Beijing University School of Medicine, Beijing, China, December 2011.

13. Ren J. “Cardiac Pathology & Pathogenesis, Cell Death and Mitochondria”, Session Chair and Opening Ceremony/Keynote speech Chair, BIT’s 3rd Annual International Conference of Cardiology, Beijing, China, December 2011.


15. Sciences and Peking Union Medical College, Beijing, China, December 2011. Ren J. “ALDH2 in cardiac diseases”, Department of Cardiology, the Fourth Military Medical University, Xi’an, China, December 2011.

16. Ren J. “Cardiac health in obesity”, The Fourth Military Medical University, Xi’an, China, June 2011.

17. Ren J. “Cardiometabolic syndrome”, The 10th Renmin Hospital, Shanghai, China, May 2011.


19. Ren J. “Mitochondrial aldehyde dehydrogenase (ALDH2) in obesity and cardiovascular diseases”, Xi’an Jiaotong University, Xi’an, China, December 2011.

20. Ren J. “Mitochondrial aldehyde dehydrogenase (ALDH2) protects against diabetic cardiomyopathy: Role of GSK3β and mitochondrial function”, BIT’s 3rd Annual International Congress of Cardiology, Beijing, China, December 2011.


22. Ren J. “Role of autophagy in obesity-associated heart diseases”, Beijing Hospital, Beijing, China, December 2011.

23. Ren J. “Role of oxidative stress in cardiac aging”, Target Meeting on “Molecular targets and mechanism of aging” Webinar, delivered in US on June 25, 2011 (session chair).


25. Ren J. “Tips on biomedical scientific writing and publication”, Zhongshan Hospital, Fudan University, Shanghai, China, May 2011.
26. Ren J. “Cardiac health in obesity”, The Fourth Military Medical University, Xi’an, China, June 2011.
27. Ren J. “Cardiometabolic syndrome”, The 10th Renmin Hospital, Shanghai, China, May 2011.
29. Ren J. “Tips on biomedical scientific writing and publication”, Zhongshan Hospital, Fudan University, Shanghai, China, May 2011.
32. Roe ND, Ren J. iNOS inhibition causes myocardial abnormalities through an AKT dependent pathway. CHS Grand Round, April 1, 2011.
37. Xu X, Zhang Y, Ren J. TRAF6 mediates the cardioprotective effect of lipopolysaccharide against insulin resistance in an Akt2 knockout murine model. CHS Grand Round, April 1, 2011.
39. Xu X. “Role of autophagy in high fat diet-induced obesity and cardiac dysfunction” Suchow University Medical School, Suzhou, China, December 2011 invited talk.
40. Yu X, Kandadi MR, Ren J. Hyperleptinemia induced cardiac contractile dysfunction: Role of autophagy. UW Undergraduate Research Day (oral presentation guided by Machender Kandadi), May, 2011.
42. Zhang Y, Ren J. Overexpression of aldehyde dehydrogenase 2 alleviates aging-induced cardiac remodeling and myocardial contractile dysfunction. CHS Grand Round, April 1, 2011.
44. Zhang Y, Xia Z, Richmond KL, Bucala R, Ren J. CD74 Knockout Rescues against Obesity-Induced Cardiac Hypertrophy and Contractile Dysfunction: Role of Autophagy and ER Stress Second Biennial Western Region IDEa Scientific Conference, (featured speaker series), June 6-8, 2011, Reno, NV.
48. Zhao H, Ceylan-Isik AF, Ren J, Sreejayan N. The role of Endothelin Receptor-1A (ETA) in Obesity Associated Cardiac Dysfunction. CHS Grand Round, April 1, 2011.
Nick Hu successfully defended his M.Sc. degree and was awarded as the best thesis award from the College of Life Sciences, Hebei Agricultural University. Tuerdi Subati received his PhD degree.

Yinan Hu received best graduate poster presentation award (CHS Grand Rounds). Alex Xu, received the UW PhD summer enhancement award, CHS student research grant, CHS/UW student travel award. Nate Roe received the UW-PhD summer enhancement Award for 2011.

Ceylan-Isik, Hua Y, Roe ND, Turdi S*, Xu X, Zhang Y* (*presented by Dr. Ren) had presentations at the American Heart Association Meeting in Orlando.

New arrivals, Machender Kandadi, had a baby boy Akashath and Megan had a baby girl Sherry.

Yingmei Zhang’s presentations were included in the featured speaker series at the IDeA Scientific Conference in Reno, NV.

**EPSCoR Awards**

Autumn Mason, Obesity, macrophage migration inhibitory factor (MIF) and cardiac hypertrophy (Advisor: Dr. Jun Ren)

Melissa Berg, Impact of ALDH-2 on high fat diet feeding-induced obesity (Advisor: Dr. Jun Ren)

Ben Pacheco, Autophagy: an ideal candidate for treating obesity-induced cardiac diseases? (Advisors: Alex Xu and Jun Ren)