C-CRAM is Celebrating 3 years of Cardiovascular Research Excellence at Univ. of Wyoming

Fiscal Year Summary: July 2006 – professional activity (Culver, Du, Ren & Sreejayan labs)

A. Research paper in press or in print (alphabetically by last name of 1st author):

2. Dong F*, Yang X*, Sreejayan N, Ren J. Chromium (D-phenylalanine)3 improves obesity-induced cardiac contractile defect in ob/ob mice. Obesity Res. in press. (*equal first authorship) (IF=3.49)
4. Dong F, Li Q, Sreejayan N, Nunn JM, Ren J. Metallothionein prevents high fat diet-induced cardiac contractile dysfunction: Role of peroxisome proliferator-activated receptor γ coactivator-1α and mitochondrial biogenesis. Diabetes in press (IF=7.96).
5. Dong F, Ren J. Fidarestat improves cardiomyocyte contractile function in db/db diabetic obese mice through a histone deacetylase Sir2-dependent mechanism. J. Hypertens in press (IF=4.02).
6. Dong F, Ren J. Fitness or fatness - the debate continues for the role of leptin in obesity-associated heart dysfunction. Curr Diabetes Rev. in press (IF=N/A).
21. Li Q, Ren J. Cardiac overexpression of metallothionein rescues chronic alcohol intake-induced cardiomycyte dysfunction: Role of Akt, mammalian target of rapamycin and ribosomal p70s6 kinase. Alcohol Alcoholism 41: 585-592, 2006 (IF=2.06).
22. Li Q, Ren J. Chronic alcohol consumption reduces activation of mammalian target of rapamycin (mTOR) and ribosomal p70s6 kinase in cerebral cortex. Exp. Neurol. 204:840-844, 2007 (IF=4.16).
32. Ren J. Wide spectrum of presentation and variable mechanisms of compromised cardiac function in multiple organ dysfunction syndrome. J. Organ Dysfunction in press (IF=N/A).


**Top performers:** Li Q: 12 (7 first); Feng Dong: 7 (6 first); Wu S: 6 (2 first); Fang CX 5 (2 first).

**B. Book edited**

Molecular Medicine - Vascular Biology Protocols, edited by N. Sreejayan & J. Ren (Humana 2007, 414 page)

**C. Research paper currently under revision or publication consideration:**


51. Li SY, Xu PS, Babcock SA, Dolence EK, Brownlee M, Shen Y, Ren J. Advanced glycation endproducts (AGEs) is linked to cardiomyocyte contractile dysfunction in streptozotocin-induced diabetic mice. *Diabetes* in revision.


**D. Meeting presentation and abstract submitted in June – July 2007.**

Jun, Catherine, Shiyan and Sree submitted abstracts to AHA meeting in Orlando (Nov 2007). Good luck!

**Other presentations or accepted presentations**


Ren J. eNOS uncoupling and diabetic heart diseases. Natural Science Foundation of China, Beijing, China July 2007.

Ren J. Views from within and beyond: narratives of cardiac contractile dysfunction under senescence”, Institute of Geriatric Medicine, Beijing Hospital, Ministry of Health, Beijing, China July 2007

**E. Research Proposal submitted or awarded in June – July 2007**

Ren J. Outstanding Young Scientist award from the Natural Science Foundation of China, July 2007.

**F. C-CRAM activities, news & other laboratory issues:**

(1). We sincerely apologize for the delay in announcing the C-CRAM research award due to incomplete information and the uncompleted publications (some journals are behind by 1-2 months). Will ASAP.

(2). Dr. Shiyan Li, winner of our most recent 2007 College of Health Sciences New Investigator Award, has moved to Scott & White Hospital in Temple, TX for drug development research. His wife, Yizhen
Liu, has accepted a research position at Colorado State University. We wish them the best in their career endeavor and thanks for their great contributions to C-CRAM during the past 5 years.

(3). Asli (right) is now a doctor. She received her PhD degree in July, congratulations!

(4). Dr. Ji Li (pictured to the left), a CV physiologist, from Yale Univ. will join SoP as an Assistant Professor in September, welcome on board, Professor Li!

(5). School of Pharmacy’s NHL’s hockey playoff wrapped up in June with Bonnie, Jun and Subat finished with a 1-2-3 punch (total points: 226-213-206). Girl rules as Bonnie beat all the guys in the pool.

(6). The 3 SRAP students completed their two months of training in C-CRAM and have headed to their respective hometown just now. Thanks to Susan, Subat and Sree for guidance to Joe, Eliza and Archit, respectively. Their presentations on methamphetamine, Alzheimer’s diseases and atherosclerosis, respectively, were well performed this afternoon.

(7). The C-CRAM is glad to welcome several new comers from China Ms. Jinxia (Ruth) Xu, Mr. Peng Zhao and Miss Jing Neng (Wendy). There are two more students are in the process of obtaining visa.

(8). During his most visit to Beijing 3 weeks ago, Dr. Jun Ren had a chance to chat with the vice chairman of the National People's Congress (soon Vice Premier Minister of China) Prof. Han, Qide (pictured here). Prof. Han is a cardiovascular scientist we know for over 10 years. He is the honorary president of ACRE, academy of cardiovascular research excellence that we are a major part of. Hopefully there will be more official government support to C-CRAM. The Chinese ambassador to USA Mr. Zhou, Wenzhong will be here at UW campus in late August and pledge some kind of formal government support to UW’s oversea scholars and students.

(9). The C-CRAM will do a back-to-school retreat at Dr. Ren’s house during the first week of 2007 fall semester. Everyone is expected to share delicious food, drink as well as some “food for thoughts” - your science with the new comers. By the same token, new comers can share your past research experience.

Enjoy your summer before school starts!  Editor: Jun Ren, 766-6131 (July 27, 2007)