List of Poster Presenters at the 2014 College of Health Sciences “Grand Rounds” Research Day

A. Competitive Student Poster Award Submissions

“Cathepsin K Knockout Alleviates Aging-Induced Cardiac Dysfunction” Yinan Hua, Guo-Ping Shi, Jun Ren and Sreejayan Nair. PhD Candidate in Biomedical Sciences.

“Journeys After Childhood Sexual Abuse: A Phenomenological Study in a Frontier Region” Brittany Wienholz and Diane Kempson. Master’s Student in Social Work.

“Learning of novel coordination patterns is information mode specific and vision dominates” Todd Mirich, Qin Zhu, Andrew D. Wilson and Geoffrey P. Bingham. Undergraduate Student in Kinesiology & Health.

“Athlete and coach perceptions of basic psychological needs fulfillment: A qualitative exploration of self-determination theory constructs in collegiate swimming” Sam King and Tucker Readdy. Master’s Student in Kinesiology & Health.

B. Non-competitive Student Submissions

"β1-adrenergic receptor mediated cardiac hypertrophy: Interactive effects of exercise training, pericardiectomy, and myocardial infarction" Colter Wichern, Alexander Wolff, Tyler Rasmussen, Matt Peterson, Mark Stayton and Paul Thomas. Master’s Student in Kinesiology and Health.

“Resident Assistant Health Training Required at Select Universities in the Rocky Mountain Region” Victoria Milano and Lanae Fox. Pre-Pharmacy (ASPIRE) Student.


“Protein Tyrosine Phosphatase 1B Knockout Exacerbates Tunicamycin-induced Cardiac Dysfunction in Mice” Xiyao Chen, Yinan Hua, Xihui Xu, Sreejayan Nair and Jun Ren. Exchange Scholar, Pharmacy.

“Trehalose ameliorates cardiac stress in Akt2-/mice” Qiurong Wang, Xihui Xu and Jun Ren. PhD Candidate Molecular and Cellular Life Sciences.

“Beclin1 knockout exacerbates smoking-induced cardiac anomalies” Benjamin D. Pacheco, Xihui Xu and Jun Ren. PharmD Student.

“Inhibition of mTOR with rapamycin reverses cardiomyocyte-specific knockout of PTEN-induced hypertrophic cardiomyopathy” Xihui Xu, Sidney Y. Ren, Nathan D. Roe, Mary C.M. Weiser-Evans and Jun Ren. Post-Doc Fellow, Pharmacy.
“Macrophage Migration Inhibitory Factor Knockout Preserves Cardiac Function in High Fat Diet-Induced Metabolic Syndrome” **Sidney Y. Ren**, Xihui Xu, Jun Ren and Sreejayan Nair. Pre-Pharmacy Student.

“Macrophage Migration Inhibitory Factor Deficiency Exacerbates Aging-induced Cardiac Dysfunction in Mice: Role of Autophagy” **Ellen V. Sloan**, Xihui Xu and Jun Ren. Pre-Medicine Student.

“Deficiency of Toll-Like Receptor 4 Attenuated High-Fat Diet-Induced Cardiac Dysfunction” **Nan Hu**, Huiqin Shen and Jun Ren. PhD Candidate in Biomedical Sciences.

“Drug Interactions: Type Drug-Drug interactions Meloxicam and Cholestyramine” Aitor Andikoetxea, Linzi Barton, Jordan Calmes, Heather Dickson, Holly Green, Timothy Hunzie, Jessica Martin, Choong Sung Park and Baskaran Thyagarajan. PharmD Students.

“Drug Interactions: Type Drug-Drug interactions Phenytoin and Oral contraceptive(s)” Kaylyn Bahnso, Austin Baker, Samantha Holmes, Michael Mullin, Lindsey Snyder, Jennifer Voltmer, Abagail Ward and Baskaran Thyagarajan. PharmD Students.


“Drug Interactions: Type Drug-Disease interactions Ca2+ channel blockers and Congestive heart failure” Sean Baker, Keith Bennett, Ross Davidson, Wenyang Donehue, Amber Hull, Jennifer McCarthy, Erica Turechek and Baskaran Thyagarajan. PharmD Students.

C. **Non-competitive Faculty Submissions**


“Dietary Capsaicin Triggers Browning of White Adipocytes: A novel mechanism to antagonize obesity” **Padmamalini Baskaran** and Baskaran Thyagarajan. Pharmacy

“Capsaicin combats obesity by increasing energy homeostasis and locomotor activity” **Padmamalini Baskaran**, Jun Ren and Baskaran Thyagarajan. Pharmacy

“Analysis of Role of TRPV1 in Kainic Acid Mediated Toxicities: Evidence For a Novel Therapeutic Intervention Against Epilepsy”. **Bayasgalan Thyagarajan**, Padmamalini Baskaran and Baskaran Thyagarajan. Pharmacy

“TRPV1 transcriptionally regulates adipogenesis and obesity” **Vivek Krishnan**, Padmamalini Baskaran, Kevin Fettel and Baskaran Thyagarajan. Pharmacy

“Evidence for the role of CaMKinase II and Synapsin I in the restoration of neurotransmission in botulinum neurotoxin A intoxicated nerve terminals” **Baskaran Thyagarajan** and Padmamalini Baskaran. Pharmacy