1. SUMMARY OF THE PROFESSIONAL ACTIVITIES (March – April 2005)

Paper in press in March – April 2005 (IF = impact factor)


2. Li SY*, Fang CX*, Aberle NS II*, Ren BH, Ceylan-Isik AF, Ren J. Inhibition of PI-3 kinase/Akt/mTOR but not calcineurin signaling reverses insulin-like growth factor I-induced protection against glucose toxicity in cardiomyocyte contractile function. J. Endocrinol. acceptable (*equal first authorship).


Manuscript submitted in March – April 2005


8. Li SY, Yang X, Ceylan-Isik AF, Du M, Ren BH, Sreejayan N, Ren J. Cardiac contractile dysfunction in ob/ob obesity is accompanied with oxidative modification of sarco(endo)plasmic reticulum Ca²⁺-ATPase and myosin heavy chain isozyme switch. Diabetologia in review.


Meeting presentation and abstract submitted in March – April 2005


Proposal funded:

1. Dr. Sreejayan: "Insulin Resistance and Muscle Wasting in Space flight: the Role of Insulin and Insulin-like Growth Factory 1 Signaling" funded by the Wyoming NASA Space Grant Consortium for $10,000.

2. Dr. Catherine Li, “The Function of Regenerative Cardiomyocytes Derived from GFB-bone Marrow Cells in Infracted Myocardium”, CHS Research Grant, $5000.

2. LABORATORY ISSUES: Please pay extra attention to your lab habit (which is getting better). Please help to cut down the experimental cost by sharing supplies and reuse antibodies if possible. Our lab supply cost has gone beyond the credit limit in each of the recent 3 months. We wish good luck to Chris Wilbert, Shan Wu and Rajiv. Congratulations to Jihye for getting into our Pharm.D. program in School of Pharmacy. Miss Jackie Maris, a junior to be, joined our group to work with Xiaoping.