BIOCHEMISTRY & MOLECULAR BIOLOGY NOTES

Volume 23 No. 2 December, 2011

Holiday Party!

This year's holiday party will be held on Friday, December 16th at 12 o'clock in the ROC (Riley Outpatient Center) basement conference rooms A & B.

Please remember to treat your fellow faculty and staff to your favorite pitch-in dish or dessert. The department will provide a main buffet of Chinese, Italian and Indian cuisines.

Get your name badge when you arrive so you can be entered to win one of our many door prizes. Plan your strategy and get your game-face on for our annual game of Stealing Bingo!

Hope to see everyone there!

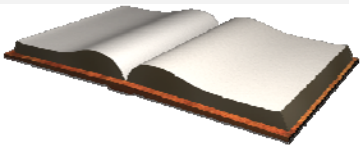
Farewell Lu Lab

Please join us in bidding farewell to Dr. Hua Lu and his lab. Dr. Lu has accepted a Chairperson's position with the Department of Biochemistry at Tulane University School of Medicine.

The department wishes Dr. Lu, Shelya and his lab staff well in their new endeavors.

The Farewell Party will be held on Wednesday, December 14th at 3:00 p.m. on the 4th floor of the VanNuys Medical Science building Atrium (just outside of the office).

Recent Publications



Wei D, Tao R, Zhang Y, White MF, Dong XC. Feedback regulation of hepatic gluconeogenesis through modulation of SHP/Nr0b2 gene expression by Sirt1 and Foxo1. *Am J Physiol Endocrinol Metab.* 2011;300(2):E312-20.

Tao R, Wei D, Gao H, Liu Y, DePinho RA, Dong XC. Hepatic FoxOs regulate lipid metabolism via modulation of expression of the nicotinamide phosphoribosyltransferase gene. J. Biol. Chem. 2011; 286(16):14681-90

Khanna, M., Chen, C.-H., Kimble-Hill, A., Parajuli, B., Perez-Miller, S., Kim, J., Baskaran, S., Vasiliou, V. Mochly-Rosen, D. and Hurley, T.D. (2011) Discovery of a novel class of covalent inhibitor for aldehyde dehydrogenases. J. Biol. Chem. Oct 21. [Epub ahead of print].

Yu, X., Chen, M., Zhang, S., Yu, Z.-H, Sun, J.-P., Wang, L., Liu, S., Imasaki, T., Takagi, Y., and Zhang, Z.-Y. "Substrate specificity of lymphoid-specific tyrosine phosphatase (Lyp) and identification of Src kinase-associated protein of 55 kDa homolog (SKAP-HOM) as a Lyp substrate" *J. Biol. Chem.* 286, 30526-30534 (2011).

Bai, Y., Luo, Y., Liu, S., Zhang, L., Shen, K., Dong, Y., Walls, C. D., Quilliam, L. A., Wells, C. D., Cao, Y., and Zhang, Z.-Y. "PRL-1 protein promotes ERK1/2 and RhoA activation through a non-canonical interaction with the Src homology 3 domain of p115 Rho GTPase-activating protein", *J. Biol. Chem.* 286, in press (2011).

Teske, B., Wek, S., Bunpo, P., Cundiff, J., McClintick, J., Anthony, T. and Wek, R. "The elF2 kinase PERK and the integrated stress response facilitate activation of AFT6 during endoplasmic reticulum stress" *Molecular Biology of the Cell*. (2011) [Epub ahead of print].

Konrad, C., Wek, R., Sullivan, W. "A GCN2-Like Eukaryotic Initiation Factor 2 Kinase Increases the Viability of Extracellular Toxoplasma gondii Parasites." *Eukaryot Cell.* 2011 Nov;10(11):1403-12. Epub 2011 Sep 9

Congratulations!

Dr. Clark Wells' oldest son, Lance, competed in the State Chess Tournament for grades K—12. Lance won the 3rd grade tournament, receiving a trophy and savings bond. Great job Lance!

Jack Arthur's son Isaac was featured in the Fall 2011, IUPUI Magazine! Isaac and former classmate, Cody from the Herron School of Art & Design collaborated on the John Dillinger exhibit at the Indiana State Archives and have now opened their new business, "CODO Design" a branding business emphasizing visual communication. Congrats Isaac!
http://magazine.iupui.edu/11Fall/features/designingthefuture.shtml

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Birth Announcements!

Qian Hao (Lu lab) and her husband Xiang Zhou welcomed their new daughter, Anna Zhou into the world on October 9th. She measured 8 pounds and 21.25 inches.

Bill Ranahan (Wells lab) and his wife, Marcia celebrated the addition of their second son, Aiden Lucas Ranahan on October 7th. He measured 8.8 pounds and 24 inches.

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New Faces in Biochem

Timmy Mani
Post Doc
Meroueh Lab

Hongming Zhou
Visiting Assistant Research Professor Zhang Lab

Christopher Davis
Hourly personnel
Wek Lab