

Biochemistry and Biophysics 2007 Publications

Ahern, Kevin

Columns

Ahern, K. "WebWatch", *Biotechniques* (2007) Vol. 42, 6 columns.

Ahern, K. "WebWatch", *Biotechniques* (2007) Vol. 43, 6 columns.

Ahern, K. "Best of the Web", *Gen. Eng. News* (2007) Vol. 27, 21 columns.

Educational Songs

Ahern, K. (2007) "Hemoglobin's Moving Around". *Biochem. Mol. Biol. Educ.* (2007) **35**, page 478.

Ahern, K. (2007) "The Tao of Hormones". *Biochem. Mol. Biol. Educ.* (2007) **35**, page 226.

Ahern, K. (2007) "When Acids Get Oxidized". *Biochem. Mol. Biol. Educ.* **35**, page 78.

Anderson, Sonia

Roberts, B.R., Tainer, J.A., Getzoff, E.D., Malencik, D.A., Anderson, S.R., Bomben, V.C., Meyers, K.R., Karplus, P.A., Beckman, J.S. (2007) Structural Characterization of Zinc-deficient Human Superoxide Dismutase and Implications for ALS. *J Mol Biol* 373(4):877-90. Epub 2007 Aug 2.

Baird, William

Courter, L.A., Musafia-Jeknic, T., Fischer, K., Bildfell, R., Giovanni, J., Pereira, C. and Baird, W.M. (2007) Urban Dust Particulate Matter Alters PAH-Induced Carcinogenesis by Inhibition of CYP1A1 and CYP1B1. *Toxicol Sci.* Jan., **95(1)**, 63-73.

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Benison, G., Berkholz, D., and Barbar, E. (2007) Protein Assignments Without Peak Lists Using Higher-Order Spectra. *J. Magn. Reson.* **190**, 8-16.

Beckman, Joe

- Pacher, P., Beckman, J.S., Liaudet, L. (2007) Nitric oxide and peroxynitrite in health and disease. *Physiol Rev.* **87**, 315–424.
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- Peihar, M., Vargas, M.R., Robinson, K.M., Cassina, P., Diaz-Amarilla, P.J., Hagen, T.M., Radi, R., Barbeito, L., Beckman, J.S. (2007) Mitochondrial superoxide production and nuclear factor erythroid 2-related factor 2 activation in p75 neurotrophin receptor-induced motor neuron apoptosis. *J Neurosci.* **27**(29):7777-85.
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Frei, Balz

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- Zhang, W., Wei, H., Hagen, T. and Frei, B. (2007) α -Lipoic acid attenuates LPS-induced inflammatory responses by activating the phosphoinositide 3-kinase/Akt signaling pathway. *Proc. Natl. Acad. Sci. USA* **104**, 4077-4082.
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Freitag, Michael

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Gross, Michael

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Greenwood, Jeffrey

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Hagen, Tory

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Voth, A.R. and Ho, P.S. (2007) The role of halogen bonding in inhibitor recognition and binding by protein kinases. *Curr. Top. Med. Chem.* **7**, 1336-1348.

Voth, A.R., Hays, F. A. and Ho, P.S. (2007) Directing Macromolecular Conformation through Halogen Bonds. *Proc. Natl. Acad. Sci. USA* **104**, 6188-6193 (From the cover & In this Issue feature).

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van Holde, Ken

van Holde K, Zlatanova J. (2007) Chromatin fiber structure: Where is the problem now? *Semin Cell Dev Biol.* **18**, 651-658.