



# MINIM



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BIOCHEMISTRY NEWSLETTER

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## CHAIRMAN'S CORNER

### *A Letter to Governor Jon Corzine*

*This letter was sent in response to a letter received from Governor Jon Corzine's office (see attached) regarding the Higher Education Incentive Endowment Fund.*

Ms. Jane Oates:

Thank you for your letter of May 4 concerning the matching funds for the Takara-Bio Endowed Chair in Bioinformatics, which was so very generously donated to our Medical School by Takara Bio, Inc. whose President and Chief Executive Officer is my lifelong friend.

I am quite surprised and very much disappointed with your letter stating that after the initial two years of the endowment fund program, the appropriations were not sufficient to fully fund the awards due to competing demands and revenue shortfalls. It is unacceptable that our state government would betray the good will of donors who have helped the State of New Jersey with its higher education system. The state may terminate the program for future endowments because of the current budget problem but the state cannot and should not abruptly stop paying the matching funds to donations made before the amendment of the termination of this program. The state is obligated to fulfill its original promise of matching funds.



I would like to discuss this serious problem with you at your earliest convenience. The commitments made by the state to support the Higher Education Incentive Endowment Fund should be honored.

Sincerely,

Masayori Inouye, Ph.D.  
Professor and Chairman

### *Departmental News*

**Liliana Falzon** (Postdoctoral Fellow in Masayori Inouye's laboratory) won the 2006 Molecular Biophysics Minisymposium poster contest for her poster entitled, "Autonomy of propeptides in propeptide - mediated folding of prosubtilisin E."

**Angela Mohs** (Postdoctoral Fellow in Barbara Brodsky's laboratory) won the 2006 Molecular Biophysics Minisymposium poster contest for her poster entitled, "Conformational consequences of a natural break in the Gly-X-Y repeat of type IV collagen in basement membrane."



## Publications

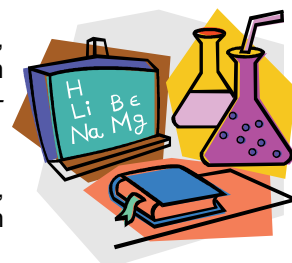
Pavri, R., Zhu, B., Li, G., Trojer, P., Mandal, S., Shilatifard, A. and **Reinberg, D.** (2006) Histone H2B Monoubiquitination Functions Cooperatively with FACT to Regulate Elongation by RNA Polymerase II. *Cell*. 125(4):703-17.

**Sumiko Inouye's** "Two developmental signaling systems in Myxococcus" is featured on the cover of the June issue of *Molecular Microbiology*.

Nariya, H. and **Inouye, S.** (2006) A protein Ser/Thr kinase cascade negatively regulates the DNA-binding activity of MrpC, a smaller form of which may be necessary for the *Myxococcus xanthus* development. *Mol. Micro.* 60 (5):1205-17.

Zhang, A., Emanetoglu, N.W., Saraf, G., Chen, Y., Wu, P., Zhong, J., Lu, Y., Chen, J., **Mirochnitchenko, O.**, and **Inouye, M.** (2006) DNA immobilization and SAW response in ZnO nanotips grown on LiNbO<sub>3</sub> substrates. *IEEE Trans Ultrason Ferroelectr Freq Control*. 53(4):786-92.

Mineno, J, Okamoto, S., Ando, T., Sato, M., Chono, H., Izu, H., Takayama, M., Asada, K., **Mirochnitchenko, O.** and **Inouye, M.** (2006) The expression profile of microRNAs in mouse embryos. *Nucleic Acids Res.* 34(6):1765-71.



### In Press:

Chen, L., Thiruchelvam, M.J., **Madura, K.** and Richfield, E.K. (2006) Proteasome dysfunction in aged human alpha-synuclein transgenic mice. *Neurobiol. Dis.*

Chen, L. and **Madura, K.** (2006) Evidence for distinct functions for human DNA repair factors hHR23A and hHR23B. *FEBS Lett.*

Bupp, K., Sarangi, A. and **Roth, M.J.** (2006) Selection of feline leukemia virus envelope proteins from a library functional association with a murine leukemia virus envelope. *Virology*.

**Patel, S.S.** and Donmez, I. (2006) Mechanisms of helicases. *J. Biol. Chem.*

### Submitted:

J. Puglia, T. Wang, C. Smith-Snyder, M. Cote, M. Scher, J. Pelletier, S. John, C. B. Jonsson and **M.J. Roth**

## Meetings/Seminars

**Masayori Inouye** was invited to present a seminar at GlaxoSmithKline in King of Prussia, PA. The title of his talk was "Bacterial Suicide Genes: Their Function, Implication and Application."

**Monica Roth** is a member of the Editorial Board of *Virology* (Elsevier) for a three-year term.

**Danny Reinberg** was invited to speak at the 2006 Keystone Symposium on Regulation of Eukaryotic Transcription: From Chromatin to mRNA, held on April 21-April 26 2006. The title of his talk was "Transcriptional Coregulators in Gene Expression" at the Taos Convention Center in Taos, New Mexico.

**Barbara Brodsky** and Jean Baum organized a DIMACS workshop on Computational/Experimental Approaches to Protein Defects in Human Disease on April 20-21, 2006.

