Office of Education, Division of Intramural Research
National Heart, Lung, and Blood Institute

July 2005 Fellows Newsletter

From the Director of the Office of Education:

The lead article in this issue concerns the appointment of new Lenfant Fellows. These awards are open to any Fellow at NHLBI and honor research achievements. We applaud our new Lenfant fellows as we say "*au revior*" to Dr. Robert Fenton, a Lenfant Fellow who recently left the Laboratory of Kidney and Electrolyte Metabolism for a Faculty Position in Denmark.

We are now half way through our Summer Program, and hope that many of you are participating in supervising a summer intern. This is a valuable experience in informal mentoring and training, and such experience is considered very positive when you are looking for your next position. You are all invited to attend Summer Intern Poster Day on August 4 in Building 10. This is a major opportunity to find out what is going on at NIH, with a huge number of laboratories represented.

This is the last issue of the Newsletter for the summer. The newsletter staff is taking a break in August, and will resume in September. We wish you all an enjoyable summer.

New Lenfant Fellows Announced

The Lenfant fellowships were established to honor long-time NHLBI Director Claude Lenfant. Dr. Lenfant was a strong supporter of the NHLBI intramural research program, especially the role of the Intramural Program in the training of the next generation of investigators.

Lenfant Fellows are selected by a committee of NLHBI investigators appointed by Dr. Robert Balaban, the Scientific Director. This committee, chaired by Dr. Julie Donaldson, includes Drs. Jay Chung, Rodney Levine, Vincent Manganiello, James Sellers, as well NHLBI Education Director Dr. Herbert Geller. The criteria for selection is outstanding research achievements and potential for future success as an independent investigator. Lenfant fellows get a travel award and an increase in their stipends. They will present a seminar at the next fellows retreat.

Nominations are made by NHLBI mentors twice a year. If you think that you fit the criteria, consult with your mentor in advance of the next deadline, which wiil be in the fall of 2005.

Dr. George Stan has been an IRTA Fellow in the Laboratory of Biophysical Chemistry working with Dr. Bernard Brooks since 2001. In addition to his Lenfant fellowship, his presentaton at the Fellow's retreat earning him a travel award. George's research concerns the mechanisms by which chaperonins assist in the folding of proteins. He has used a bioinformatic approach to identify the subset of proteins that require the assistance of chaperonins to fold. His goal is to obtain an academic position.

Dr. Tae-Young Roh has been a Visiting Fellow in the Laboratory of Molecular Immunology with Dr. Keji Zhao since 2002. He has used a combination of several techniques, including ChIP and SAGE to do a genome-wide screen to map sites of histone acetylation.

Dr. Hai-Hui Xue is currently and IRTA Fellow in the Laboratory of Molecular Immunology. He has been at NHLBI since 2000, working with Dr. Warren Leonard on problems related to interleukin-mediated signal transduction mechanisms in the immune system. His goal is to obtain an academic position.

New NHLBI Fellows

Dr. Souheil El-Chemaly recently joined the Pulmonary Critical Care Medicine Branch under the supervision of Dr. Martha Vaughan as a Clinical Fellow. Dr. El-Chemaly received his M.D. from Saint-Joseph University in Beirut, Lebanon in 1996. He completed his internal medicine residency in New York and his Pulmonary/Critical Care Fellowship in Miami, and, most recently, an M.P.H. in Beirut in 2005.

Dr. Akihko Tonouchi is currently working at the Pulmonary Critical Care Medicine Branch under the supervision of Dr. Joel Moss as a Visiting Fellow. Dr. Tonouchi completed his M.D. in 1995 at Nagasaki University, School of Medicine, Japan. He then completed his Ph.D. at Chiba University, Japan in 2004.

Dr. Alberto Zanella recently joined the Pulmonary Critical Care Medicine Branch under the supervision of Dr. Theodor Kolobow as a Visiting Fellow. Dr. Zanella received his M.D. from Università degli Studi di Milano in 2001. He will be working on improvements in respiratory therapy.

Recent Publications by NHLBI Fellows

Aoki K., **Kato J.,** Shoemaker M. T. and Moss J. (2005) Genomic organization and promoter analysis of the mouse ADP-ribosylarginine hydrolase gene. *Gene* **351,** 83-95.

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Buckley C. A., **Rouhani F. N.**, Kaler M., **Adamik B.,** Hawari F. I. and Levine S. J. (2005) Amino-terminal TACE prodomain attenuates TNFR2 cleavage independently of the cysteine switch. *Am. J Physiol Lung Cell Mol. Physiol* **288,** L1132-L1138.

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Du Q. Z., Jerz G., He Y. C., *?Li L.,* Xu Y. J., Zhang Q., Zheng Q. X., Winterhalter P. and Ito Y. (2005) Semi-industrial isolation of salicin and amygdalin from plant extracts using slow rotary counter-current chromatography. *J. Chromatog. A* **1074,** 43-46.

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Fujiwara H., Melenhorst J. J., El O. F., Kajigaya S., Grube M., Sconocchia G., **Rezvani K.,** Price D. A., Hensel N. F., Douek D. C. and Barrett A. J. (2005) In vitro induction of myeloid leukemia-specific CD4 and CD8 T cells by CD40 ligand-activated B cells gene modified to express primary granule proteins. *Clin. Cancer Res.* **11,** 4495-4503.

Hoorn E. J., Pisitkun T., Zietse R., Gross P., Frokiaer J., Wang N. S., **Gonzales P. A.,** Star R. A. and Knepper M. A. (2005) Prospects for urinary proteomics: Exosomes as a source of urinary biomarkers. *Nephrology* **10,** 283-290.

Kim K. Y., Kovacs M., Kawamoto S., Sellers J. R. and Adelstein R. S. (2005) Disease-associated mutations and alternative splicing alter the enzymatic and

FelCom Friday!!!
at
Saphire Café

Friday, July 15th, 2005
5:30pm
7940 Wisconsin Avenue
Bethesda, Maryland

Meet on the patio in the back, weather permitting.
Look for the blue balloons!!

motile activity of nonmuscle myosins II-B and II-C. *J. Biol. Chem.* **280,** 22769-22775.

Kolobow T., Berra L., **Bassi G. L.** and Curto F. (2005) Novel system for complete removal of secretions within the endotracheal tube - The mucus shaver. *Anesthesiology* **102,** 1063-1065.

Ma X. F., Wu L. H., Ito Y. and Tian W. X. (2005) Application of preparative high-speed counter-current chromatography for separation of methyl gallate from Acer truncatum Bunge. *J. Chromatog. A* **1076,** 212-215.

Morris R. G., Uchida S., Brooks H., Knepper M. A. and Chou C. L. (2005) Altered Expression Profile of Transporters in the IMCD of Aquaporin 1 Knockout Mice. *Am. J. Physiol Renal Physiol* **289,** F194-F199.

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Come to the
Career Development Seminars
2nd Tuesday of Each Month
Noon - 7S235

Next Session: September 13th

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