



RETRO-ACTIVE NEWS

Newsletter of the Center for Retrovirus Research & the Comprehensive Cancer Center Viral Oncogenesis Program, The Ohio State University.
Volume No. 20, Winter, 2004.

2004 DISTINGUISHED RESEARCH CAREER AWARD

will be presented to Dr. Eric Hunter - University of Alabama Birmingham,
April 8, 3:30 pm Vet Med Academic Bldg East Auditorium

Dr. Hunter will present the Award seminar "Molecular determinants of the HIV-1 envelop glycoprotein of virus entry and transmission: Implications for vaccine development."

NEW APPOINTMENTS

Welcome to new members Mamuka Kvaratskhelia, Maria Neff, and Stefan Niewiesk

Michael Lairmore has been appointed to the Editorial Board of Journal of Virology for 2003-2006, and as Associate Director for Basic Sciences, Comprehensive Cancer Center, The Ohio State University.

Mike Oglesbee has been appointed a member of the NIH Virology B study section (previously Experimental Virology). The new classification of the EVR study section reflects reorganization within the Infectious Diseases and Microbiology Integrated Review Group.

Mike Para has been elected to the editorial board of JAIDS for 2004 to 2007.

SELECTED RECENT PUBLICATIONS/MEETING PRESENTATIONS

Ding, W., Kim, S-j., Nair, AM., Michael, B., Boris-Lawrie, K., Tripp, A., Feuer, G., Lairmore, MD. 2003. Journal of Virology 77:11027-11039. **Human T-cell lymphotropic virus type 1 p12I enhances interleukin-2 production during T-cell activation.**

Gao L, Zhao HB, Deng HJ, Kaushik S, Harding J, Ratner L, K Weilbaecher. 2003. **Lymphoproliferative Disease Induces Spontaneous Osteolytic Bone Lesions in Tax Transgenic Mice.** American Society for Bone and Mineral Research. Oral Presentation and winner of the 2003 ASBMR Young Investigator Award.

Holschu D, LaPierre L, Lairmore M. 2003. Journal of Virology 77 (23) 12385-12391. **Comparative Pathogenesis of Epsilonretroviruses**

Hull, S. and Boris-Lawrie, K. 2003. Virology 317 (1):146-154. **Analysis of synergy between divergent simple retrovirus posttranscriptional control elements.**

Narayan M, Younis I, D'Agostino DM, Green PL. 2003 *Journal of Virology* 77:12829-40.
Functional domain structure of human T-cell leukemia virus type 2 rex.

Schlereth, B., Buonocore, L., Tietz, A., ter Meulen, V., Rose, J.K. and Niewiesk, S. 2003. *Journal of General Virology*, 84, 2145-2151. **Successful mucosal immunization of cotton rats in the presence of MV specific antibodies depends on degree of attenuation of vaccine vector and virus dose.**

Ye J, Silverman L, Lairmore M, and Green P. 2003. *Blood* 102 (12) 3963-3969. **Human T-Cell Leukemia Virus Rex is Required for Viral Spread and Persistence in vivo but is Dispensable for Cellular Immortalization in vitro.**

GRADUATIONS

Jianxin Ye, PhD, August 2003. Green Lab.

Dissertation title: Transformation studies of human T-cell leukemia virus with emphasis on the role of Tax and Rex.

Tiffiney Roberts, PhD, October 2003. Boris-Lawrie Lab.

Dissertation title: Redundant structural motifs in a unique retroviral posttranscriptional control element mediate a novel mechanism of translational enhancement.

Radhakrishna Sura, MS, December 2003. Boris-Lawrie Lab.

Thesis title: RU5 modulates posttranscriptional expression of spleen necrosis virus unspliced RNA, but not spliced transcripts.

UPCOMING SEMINARS and MEETINGS

Genoveffa Franchini - National Institutes of Health, *Molecular Mechanisms of HTLV-1 Persistence* March 1, 4:00 pm Vet Med Academic Bldg East Auditorium

Palm Springs Symposium on HIV/AIDS, March 4-6th (M. Lairmore invited speaker)

Web site: <https://www.cri.bio.uci.edu/PS2003/conference/RegForm.cfm>

Keystone Meeting Molecular Mechanisms of HIV Pathogenesis, April 12-18 Whistler Resort, Whistler, BC, Canada (K. Boris-Lawrie invited speaker)

Web site: <http://www.keystonesymposia.org/Meetings/ViewMeetings.cfm?MeetingID=694>

Cold Spring Harbor Labs Retroviruses Meeting, May 25-30th, 2004. Abstracts deadline 3 March; Website: www.cshl.org/meetings

NEWSLETTER INPUT: Additional information about retrovirus research at The Ohio State University can be found at the *Center for Retrovirus Research website: www.vet.ohio-tate.edu/docs/retrovirus/index.html*

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1-31-04