

# RETRO-ACTIVE NEWS

Newsletter of the Center for Retrovirus Research & the Comprehensive Cancer Center  
Oncogenic Virus Program, The Ohio State University.  
Volume No. 22, Winter, 2005



## ANNOUNCEMENTS

### Selected invited talks

**Kathleen Boris-Lawrie**, Keystone Symposium Molecular Determinants of HIV Pathogenesis 2004, Whistler, Canada, and Workshop on Post-transcriptional control of oncogenic retroviruses 2004 Park City, UT

**Patrick Green and Michael Lairmore**, International Meeting of the Institute of Human Virology 2004, Baltimore, MD

**Chris Walker** US-India Conference on Vaccine Development 2004 New Delhi, India and FASEB's Multiple mechanisms of immune evasion by the hepatitis C virus? 2004, Snowmass, CO

**Chris Walker** has been appointed to the Editorial Boards of *Journal of Hepatology* & *Journal of Virology*  
**RETROVIROLOGY**, Biomedical Central open access internet journal is accepting manuscript submissions at <http://www.retrovirology.com/>

## WELCOME NEW STUDENTS

**Heather Edgerton**, Boris-Lawrie Lab and Molecular, Cellular, and Developmental Graduate Program

**Mary Forget**, Green Lab and Molecular, Cellular, and Developmental Graduate Program

**David Joseph**, Lairmore Lab and Ohio State Biochemistry Graduate Program

**Kevin Katen**, Walker Lab and Integrated Biomedical Graduate Program.

**Matthew Kesic**, Green Lab and Molecular, Cellular, and Developmental Graduate Program

**Cecilia Parrula**, Fulbright scholar, Veterinary Biosciences Graduate Program, Niewiesk Lab

## SELECTED RECENT PUBLICATIONS

Altanerova, V., Holicova, D., Kucerova, L., Altaner, C., **Lairmore, M.D.**, **Boris-Lawrie, K.** 2004. Long-term infection with bovine leukemia virus structural gene vector provides protection against BLV disease in rabbits. *Virology* 329:434-439.

Bindhu M, Nair A, **Lairmore MD**. Role of accessory proteins of HTLV-1 in viral replication, T cell activation, and cellular gene expression. *Front Biosci.* 2004 9:2556-76.

**Green PL**: HTLV-1 p30<sup>II</sup>: Selective Repressor of Gene Expression. *Retrovirology*, 1:40, 2005.

Huang, K. J., & **Wooley, D. P.** 2005. A new cell-based assay for measuring the forward mutation rate of HIV-1. *J. Virol. Methods.* In Press.

Larsson M, Babcock E, Grakoui A, Shoukry NH, Rice C, **Walker CM** and Bhardwaj N. 2004. Lack of phenotypic and functional impairment in dendritic cells from chimpanzees chronically infected with hepatitis C virus. *J. Virol.* 78:6151-6161.

Meyer-Olson D, Shoukry NH, Brady KW, Kim H, Olson DP, Hartman K, Shintani AK, **Walker CM**, Kalams SA. 2004. Limited T cell receptor diversity of HCV-specific T cell responses is associated with CTL escape. *J. Exp. Med.* 200:307-319.

Michael, B., Nair, A.M., Hilaragi, H., Shen, L., Feuer, G., **Boris-Lawrie, K.** and **Lairmore, M.D.**, 2004. Human T lymphotropic virus type-1 p30II alters cellular gene expression to selectively enhance signaling pathways that activate T lymphocytes *Retrovirology* 1:39.

- Nair A, Michael B, Hilaragi H, Fernandez S, Feuer G, **Boris-Lawrie K**, **Lairmore M**. Human T Lymphotropic Virus Type 1 Accessory Protein p12I Modulates Calcium-Mediated Cellular Gene Expression and Enhances p300 Expression in T Lymphocytes. Accepted 2004 AIDS Res and Human Retroviruses.
- Shoukry NH, Sidney J, Sette A, and **Walker CM**. 2004. Conserved hierarchy of helper T cell responses in a chimpanzee during primary and secondary hepatitis C virus infections. *J Immunol* **172**:483-492.
- Sirriyah J, Dean GA, LaVoy A, **Burkhard MJ**. Assessment of CD4+ and CD8+ IFN-gamma producing cells by ELISpot in naïve and FIV-infected cats. *Vet Immuno Immunopath* 2004; 102:77-84.
- Stevens R, Howard KE, Nordone S, **Burkhard MJ**, Dean GA. Oral immunization with recombinant *Listeria monocytogenes* protects against vaginal challenge with FIV. *J Virol* 2004; 78:8210-8218.
- Dean GA, LaVoy A, **Burkhard MJ**. Peptide mapping of feline immunodeficiency virus by IFN- $\gamma$  ELISPOT. *Vet Immuno Immunopathol* 2004; 100:49-59.
- Taylor, R. J., Schols, D., & **Wooley, D. P**. 2004. Restricted entry of R5 HIV Type 1 strains into eosinophilic cells. *AIDS Res. Hum. Retrov.*, 20(11), 1244-1253.
- Younis I, Khair L, Dundr M, **Lairmore MD**, Franchini G, **Green PL**: Repression of human T-cell leukemia virus type 1 and 2 replication by a viral-mRNA encoded posttranscriptional regulator. *J Virol* 78:11077-11083, 2004.
- Younis I, **Green PL**. The human T-cell leukemia virus Rex Protein. *Frontiers in Bioscience* 10:431-445, 2005

#### UPCOMING CONFERENCES

- 12<sup>th</sup> Conference on Retroviruses and Opportunistic Infections, Boston, MA  
Feb 22-25, [www.retroconference.org](http://www.retroconference.org)
- Cold Spring Harbor RETROVIRUSES Meeting 2005  
May 25-30; [www.cshl.org/meetings](http://www.cshl.org/meetings)
- Gordon Research Conference on VIRUSES & CELLS 2005, Barga, Italy  
May 15-20, <http://www.grc.uri.edu/programs/2005/viruses.htm>
- American Society for Virology 24<sup>th</sup> Annual Meeting  
June 18-22, [www.asv2005.com](http://www.asv2005.com)
- 2005 Palm Spring Symposium on HIV/AIDS, PATHOGENS VERSUS HOST IN HIV DISEASE  
March 3 - 5, [www.cri.bio.uci.edu](http://www.cri.bio.uci.edu)

#### UPCOMING GUEST SEMINARS

- **Gregg Dean**, North Carolina State University, 26 Jan, 4pm Wexner Auditorium, VMAB
- **Stuart LeGrice**, National Cancer Institute, Seminars 28 Feb, 4 pm 111 Parks and 1 March, 11:30 am 250 Parks
- **Vicente Planelles**, University of Utah, Seminars 7 Feb, 4 pm 111 Parks, and 8 Feb, 9 am 322 Goss Lab
- **Ron Desroisers**, New England Primate Center, Seminars 7 March, 4 pm VMAB and 8 March, 9am 322 Goss Labs

**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](http://www.vet.ohio-tate.edu/docs/retrovirus/index.html)

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