



## Happy New Year!

January 2009

Issue 87

### STORIES TODAY

1. Drs. Hernandez and Boris-Lawrie's Review Role of Proto-Oncogene
2. Dr. Boyaka Selected as National Program Chair
3. Announcements
4. Wellness Tip: Harness Your Energy
5. Selected Recent Grants/Publications/Presentations/Awards/Appointments
6. Staff Profile: Florinda Jaynes

### Drs. Hernandez and Boris-Lawrie's Review Role of Proto-Oncogene



Dr. Kathleen Boris-Lawrie (left) and  
Dr. Marcella Hernandez (right)

Proto-oncogenes are normal cellular genes in all of us that can become oncogenes that cause cancer when mutated or become dysregulated. Dr. Boris-Lawrie's laboratory has discovered new links between retroviruses and the control of an important proto-oncogene, Jun D. Dr. Marcella Hernandez from Dr. Boris-Lawrie's laboratory in collaboration with Dr. Kathleen Weilbaecher from Washington University, St. Louis, describe their findings in a recent review in the prestigious journal *Oncogene* (October, 2008). JunD is a versatile transcription factor that can activate or

repress a diverse collection of target genes. JunD interactions with other cellular proteins can modulate blood vessel formation of tumors and regulate how cells respond to various growth signals. Their review outlined how this important cellular factor is controlled and discusses issues related to potential new therapeutic targets for the neoplastic, metabolic and viral diseases associated with JunD expression. This work was funded by a National Cancer Institute Program Project Grant CA100730.

### Dr. Boyaka Selected as National Program Chair



Dr. Prosper Boyaka

Dr. Prosper Boyaka, Associate Professor in the Department of Veterinary Biosciences has been selected as Program Chair for the "Mucosal and Regional Immunology Section" of the 96<sup>th</sup> Annual Meeting of The American Association of Immunologists (AAI) to be held May 8-12<sup>th</sup>, 2009, in Seattle, Washington. The Association is the largest and most prestigious professional association of immunologists in the world: over 6,500 scientists conducting immunology research work together on common interests and issues. AAI holds an annual meeting, and periodically hosts the International Congress of Immunology. Each year, the annual meeting draws thousands of attendees and hundreds of exhibitors. The Association presentations at the meeting include the President's Address, and features Major Symposia, Special Symposia, block symposia, and guest society presentations.

## Announcements

**Offices closed:** Thursday, January 1 and **Martin Luther King Day**, Monday January 19

### Faculty and Staff Incentive Program Reward Increased

Would you like a reward? The third year of the Faculty and Staff Incentive Program has begun and lets you turn healthy activities into cash. This year, the maximum reward of 125 points will truly equal \$125, which means that for every incentive point you earn, you'll receive \$1 in payout after applicable taxes. Like last year, you'll receive your reward in the quarter in which you reach the maximum payout amount of \$125. Visit [yourplanforhealth.com](http://yourplanforhealth.com) for the complete list of eligible Incentive Program activities and to start tracking your points today.

### Career Development - Carmen Workshops

Interested in career development? Plan to attend a Carmen workshop on topics such as QuickStart, Gradebook, Quizzes, Media Manager, and CarmenWiki. Sessions are scheduled through Thursday (1/15/09) at five locations on the Columbus campus. Carmen experts are also available after each session to answer individual questions from attendees and walk-ins. Visit [telr.osu.edu/workshops/](http://telr.osu.edu/workshops/) for locations, times and registration.

### Congressional Science and Executive Branch Fellowships

Interested in government policy? The 2009-2010 Congressional Science and Executive Branch Fellowship applications are due on February 12, 2009. The AVMA Fellowship Program offers veterinarians the opportunity to spend a year in Washington, DC working in the federal government as a scientific resource. More information about the fellowship, including how to apply, can be found at: [AVMA Fellowship](http://AVMA Fellowship) or by calling Dr. Mark Lutschaunig (202-289-3205). Questions can also be sent by email to [fellowship@avma.org](mailto:fellowship@avma.org).

### Wellness Tip: Harness Your Energy

Want to manage your energy? By managing energy, you can learn to be more productive and engaged in all areas of your life. Here's how to get started:

- Know what matters. Spend some time clarifying your life's mission, vision and values, then evaluate how well your energy and talent are aligned with them.
- Get positive. Use gratitude to counter frustrations and fears: When you're feeling stressed, list things that make your life worth living.
- Be quiet. Whether you meditate or just spend a little time zoning out to music, be sure to set aside a few minutes of every day for some all-alone downtime.

## Selected Recent Grants/Publications/Presentations/Awards/Appointments:

### Appointments:

**Dr. Thomas Rosol**, Professor in the Department of Veterinary Biosciences and Special Assistant to the Vice President for Research in The Ohio State University Technology Licensing and Commercialization, has been elected to serve on the seven-member executive committee of the National Agricultural Research, Extension, Education, and Economics advisory board (NAREEEAB), which provides advice to the Secretary of Agriculture, U.S. Congress, and land-grant colleges and universities on top priorities and policies for food and agricultural research, education, extension and economics. Dr. Rosol also serves as the chair of the committee on Invasive Species. The advisory board consults with appropriate agricultural committees of the U.S. Congress.

## **Graduate Student Accomplishments:**

**Rami Doueiri** passed the candidacy exam and **Min Li** (now Dr. Li) defended her dissertation and attended autumn quarter commencement: both are/were students in Dr. Green's laboratory.

## **Recent Publications:**

**Shuiming Qian, Kathleen Boris-Lawrie, et al.**, "HIV-1 Tat RNA silencing suppressor activity is conserved across kingdoms and counteracts translational repression of HIV-1" *Proc. Natl. Acad. Sci (USA)* (in press)

**Radin MJ, Holycross BJ, Hoepf TM, McCune SA.** 2008. Salt Induced Cardiac Hypertrophy Is Independent of Blood Pressure and Endothelin in Obese, Heart Failure Prone SHHF Rats. *Clin Expt Hypertension*. 30:541-552

**Arnold J, Zimmerman B, Li M, Lairmore MD, Green PL.** Human T-cell leukemia virus type 1 antisense encoded gene, *Hbz*, promotes T-lymphocyte proliferation. *Blood*, 112:3788-3797, 2008.

W. Bao, **Y. Kumagai, H. Niu, M. Yamaguchi, K. Miura, and Y. Rikihisa.** 2008. Four VirB6 paralogs and VirB9 are expressed and interacts in *Ehrlichia chaffeensis* –containing vacuole. *J. Bacteriol.* 2009, 191, 278-286.



**Staff Profile: Florinda Haynes** originally from Honduras is a new staff member working in the Histology/ Immunohistochemistry Core team. She has extensive expertise in immunohistochemistry gained through her 29 years at Columbus (Nationwide) Children's Hospital in both clinical and research settings. Most recently, Florinda set up and managed the Histology Core Laboratory for Children's Hospital's Biopathology Center where she assisted several investigators with their research needs and was responsible for the education of new technicians, students and post doctoral fellows with immunohistochemistry protocols. When she is not working in the lab, she loves bird watching and playing with her 2 cats. Welcome to the VBS family Florinda!

For comments or suggestions for our newsletter please contact Ms. Elizabeth Hope Program Assistant at [hope.18@osu.edu](mailto:hope.18@osu.edu) Department of Veterinary Biosciences.