



Volume 5, Issue 3/4

Points of Interest

in Biomedical Sciences

Newsletter Date: March/April 2012

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Quotables:

"Take the first step in faith. You don't have to see the whole staircase, just take the first step."

~Martin Luther King Jr.

Check it out!

DARK MATTERS - Ape Human Hybrid featuring our own Dr. Paula Cohen!



View the episode on Youtube:

<http://www.youtube.com/watch?v=U2NMTrIXCDI>

Then pop on over...

to PETRIDISH.ORG
to check Dr. Adam Boyko's new page

Tracking Ancient Dog Populations in Africa

<http://www.petridish.org/projects/fido-s-forefathers-discovering-the-history-of-african-village-dogs>



PUBLICATIONS

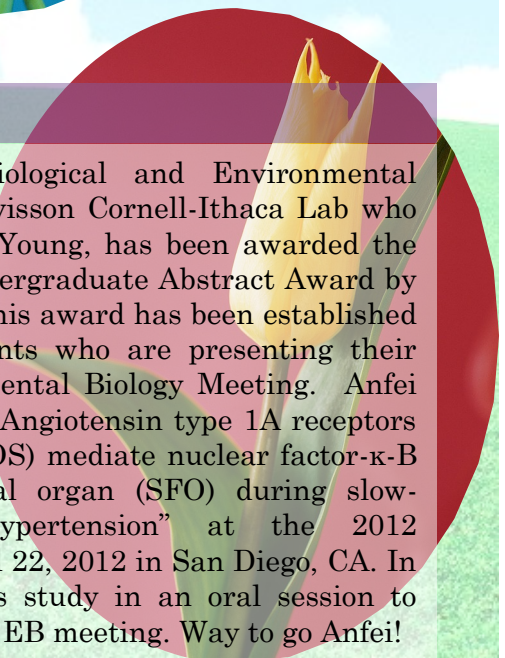
- Abi Abdallah, D. S., C. Lin, C. J. Ball, M. R. King, G. E. Duhamel and E. Y. Denkers (2012). "Toxoplasma gondii triggers release of human and mouse neutrophil extracellular traps." Infection and immunity **80**(2): 768-777.
- Cao, X., J. R. Peterson, G. Wang, J. Anrather, C. N. Young, M. R. Guraju, M. A. Burmeister, C. Iadecola and R. L. Davisson (2012). "Angiotensin II-Dependent Hypertension Requires Cyclooxygenase 1-Derived Prostaglandin E2 and EP1 Receptor Signaling in the Subfornical Organ of the Brain." Hypertension **59**(4): 869-876.
- Chuang, C. H., D. Yang, G. Bai, A. Freeland, S. C. Pruitt and J. C. Schimenti (2012). "Post-transcriptional homeostasis and regulation of MCM2-7 in mammalian cells." Nucleic acids research.
- Chuang, H. H. and A. Y. Chuang (2012). "RGS proteins maintain robustness of GPCR-GIRK coupling by selective stimulation of the G protein subunit Galphao." Science signaling **5**(212): ra15.
- Diep, A. N. and R. I. Fleis (2012). "Pathology in practice. Widespread, metastatic liposarcoma and moderate, acute, diffuse centrilobular hepatic necrosis." Journal of the American Veterinary Medical Association **240**(4): 391-393.
- Mitchell, K. J., J. Peters-Kennedy, T. Stokol, R. W. Gerhold, R. B. Beckstead and T. J. Divers (2011). "Diagnosis of Parelaphostrongylus spp. infection as a cause of meningoencephalitis in calves." Journal of veterinary diagnostic investigation : official publication of the American Association of Veterinary Laboratory Diagnosticians, Inc **23**(6): 1097-1103.
- Perkins, G. A., H. C. den Bakker, A. J. Burton, H. N. Erb, S. P. McDonough, P. L. McDonough, J. Parker, R. L. Rosenthal, M. Wiedmann, S. E. Dowd and K. W. Simpson (2012). "Equine stomachs harbor an abundant and diverse mucosal microbiota." Applied and environmental microbiology **78** (8): 2522-2532.
- Priest, H. L., N. L. Irby, D. H. Schlafer, T. J. Divers, B. Wagner, A. L. Glaser, Y. F. Chang and M. C. Smith (2012). "Diagnosis of Borrelia-associated uveitis in two horses." Veterinary ophthalmology.
- Shen, M., R. P. Bunaciu, J. Congleton, H. A. Jensen, L. G. Sayam, J. D. Varner and A. Yen (2011). "Interferon regulatory factor-1 binds c-Cbl, enhances mitogen activated protein kinase signaling and promotes retinoic acid-induced differentiation of HL-60 human myelo-monoblastic leukemia cells." Leukemia & lymphoma **52**(12): 2372-2379.
- Tasseff, R., S. Nayak, S. O. Song, A. Yen and J. D. Varner (2011). "Modeling and analysis of retinoic acid induced differentiation of uncommitted precursor cells." Integrative biology : quantitative biosciences from nano to macro **3**(5): 578-591.
- Zhang, Y., E. Buckles and G. R. Whittaker (2012). "Expression of the C-type lectins DC-SIGN or L-SIGN alters host cell susceptibility for the avian coronavirus, infectious bronchitis virus." Veterinary microbiology.

WELCOME!

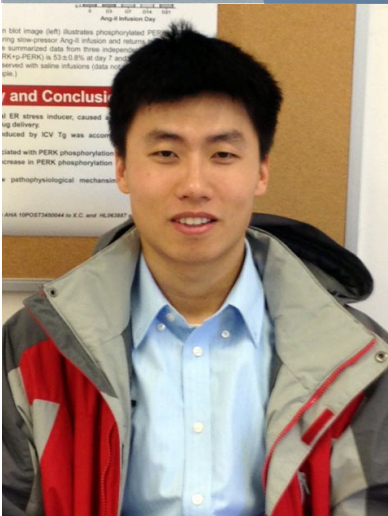
We are pleased to let everyone know that Jenna Van Der Volgen will be joining our technical staff starting on April 5th.

Jenna comes to us from her current position as a histotechnician in a clinical laboratory near Syracuse. She has a bachelor's degree from SUNY Cobleskill and will be working in both the necropsy and histology areas in support of the general operations of the Section of Anatomic Pathology.

She is very enthusiastic about joining our team and we ask everyone to help make her feel most welcome and to help her settle in to her new position.



CONGRATS!

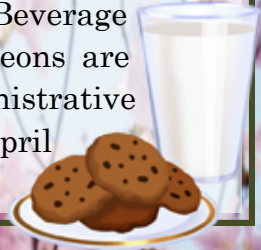


Anfei Li, an undergraduate in Biological and Environmental Engineering and a student in the Davisson Cornell-Ithaca Lab who works closely with postdoc Dr. Colin Young, has been awarded the 2012 David S. Bruce Outstanding Undergraduate Abstract Award by the American Physiological Society. This award has been established for outstanding undergraduate students who are presenting their physiological research at the Experimental Biology Meeting. Anfei will be presenting his poster entitled "Angiotensin type 1A receptors (AT_{1a}) and reactive oxygen species (ROS) mediate nuclear factor-κ-B (NF-κB) activation in the subfornical organ (SFO) during slow-pressor Angiotensin-II (Ang-II) hypertension" at the 2012 Experimental Biology Meeting on April 22, 2012 in San Diego, CA. In addition, Anfei will be presenting his study in an oral session to compete for an additional award at the EB meeting. Way to go Anfei!

May Lovelace
Cornell University
T8004 VRT, Box 17
Ithaca, NY 14853
mrl34@cornell.edu
607-253-3840

The Points of Interest Newsletter
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Department of Biomedical Sciences
of the College of Veterinary Medicine
at Cornell University

Administrative Staff in The College of Veterinary Medicine are invited to Administrative Networking Lunches (you bring your lunch - Beverage and Cookies provided). These luncheons are held once a month. Our next Administrative Networking Lunch will occur on April 10th in the Hagan Room.



DEPARTMENT OF BIOMEDICAL SCIENCES SEMINAR SERIES

APRIL 10

DR. PATRICIA HUNT

Meyer Distinguished Professor
School of Molecular Biosciences
Washington State University
Pullman, WA

*Making Eggs and Sperm: New Insights on
Environmental Effects*

APRIL 11

**REPRODUCTIVE PHYSIOLOGY/
ENDOCRINOLOGY SEMINAR SERIES**
WEDNESDAY, 4:00 PM, 348 MORRISON
HALL

DR. TERRY HASSOLD

Professor and Director
Center for Reproductive Biology
School of Molecular Biosciences
Washington State University
Pullman, WA

*Aneuploidy in Humans: Where We've Been and
Where We're Going*

APRIL 17

DR. ANDREW D. RHIM

Instructor of Medicine
Department of Medicine - Division of
Gastroenterology
Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

*What Mice Are Teaching Us About Metastasis
in Pancreatic Cancer*

APRIL 24

DR. MIKIO FURUSE

Professor
Department of Physiology and Cell Biology -
Division of Cell Biology
Kobe University Graduate School of Medicine
Kobe, JAPAN

*Molecular Structure and Physiology of Tight
Junctions*

*Further information about the Department of Biomedical Sciences Seminar Series
can be found on our website:*

<http://www.vet.cornell.edu/biosci/seminars/12spring.cfm>