

### 4TH ANNUAL BMS STAFF RETREAT

On July 18<sup>th</sup> the Biomedical Sciences administrative staff celebrated their 4<sup>th</sup> annual team building retreat. Led by Beth McKinney from the CU Wellness Program, staff prepared Mexican themed recipes such as Mexican red and green rice, salsa, guacamole, spicy mango salad, and tamales in the Martha Van Rensselaer Food Lab.

After enjoying a delicious meal together, the team joined Jennifer Fonseca from Organizational and Workforce Development, to participate in activities focused on Change.

Thank you to the Department staff and faculty who support the annual team building retreat!!



#### 2016, 3RD QUARTER

#### SEPTEMBER, 25 2016

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## CONGRATULATIONS!

Congratulations to Elizabeth Moore, a Graduate Student in the Weiss Laboratory, who won a best poster award at the 2016 Cornell BBS Symposium for her work titled...

A novel role for the Fanconi Anemia pathway in bile acid homeostasis

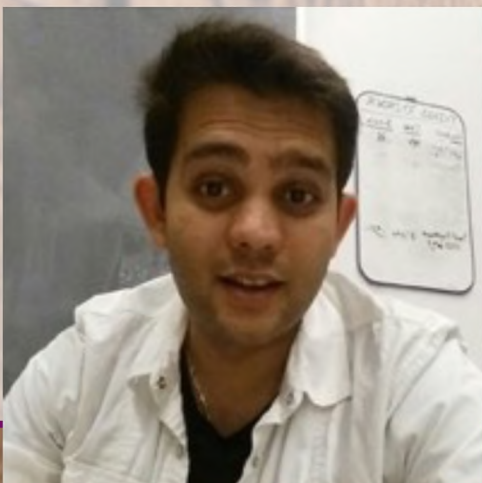


Congratulations to Justin Nicholatos, a Graduate Student in the Libert laboratory, who was awarded a scholarship from the American Federation for Aging Research (AFAR) for his research in longevity and SIRT6



Congratulations to Darshil Patel, a Graduate Student in the Weiss Laboratory, for his outstanding poster presentation at the 2016 Genomic Instability GRC in Hong Kong titled...

Tumor promoting functions for the DNA damage response protein HUS1

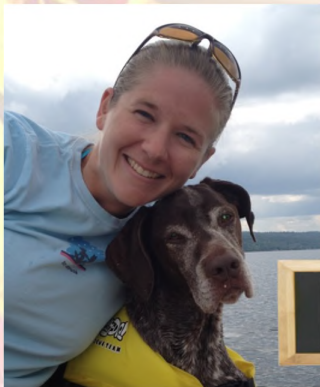
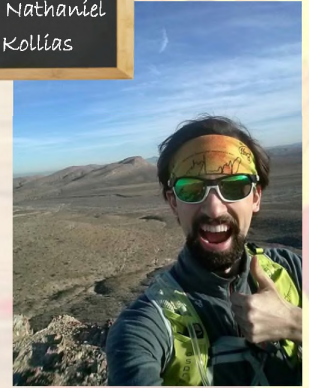




## WELCOME!

Dr. Kollias grew up in the suburbs of Chicago, Illinois and graduated from the University of Missouri with his Doctorate of Veterinary Medicine and Masters of Public Health in 2015. He then entered private practice in Las Vegas, Nevada at a clinic that specialized in small mammal and avian medicine. He was then accepted into Lab Animal Medicine Residency and began his formal training with CARE at Cornell the beginning of July 2016. In his free time you can find Dr. Kollias out running on the trails or on the roads and enjoys taking his 4 year old border collie Sugar with him on hikes and trail runs. He is also a die-hard Chicago Cubs fan and has been going to games and his family has had season tickets for approximately 20 years. When not running or exploring the great outdoors you can find him at home reading or playing music. Besides his border collie Sugar, he also shares his home with a tortoise, a tree frog, and a gargoyle gecko.

Dr. Nathaniel  
Kollias



Dr. Kelly  
Lyboldt

Dr. Kelly Lyboldt graduated from Cornell's Veterinary College in 2005. Following graduation she practiced emergency medicine and surgery for 6 years. Looking for a change of pace she transitioned into general practice where she focused on general surgery, oral surgery and geriatric care. She joined the Department of Biomedical Sciences as a Lecturer and will primarily be involved with teaching Block III. Kelly enjoys the outdoors, running, gardening and spending time with her dog Truman.

Dr. Shane Sills graduated from North Carolina State University in 2010 with a Bachelor's Degree in Zoology, and again in 2016 with his DVM. He's very excited to pursue pathology training at Cornell, and work with all the wonderful people here. His long-term goals are to obtain a PhD in immunology and eventually work in academia. In his spare time, Shane really enjoys reading, hiking, wildlife observation (especially reptiles), fishing, and SCUBA. He's an avid fan of North Carolina professional sports (Go Panthers, Hornets, and Hurricanes!), and enjoys video games and comics as well. Here's to a great 3 years!



Dr. Shane  
Sills



## WELCOME! CONT.

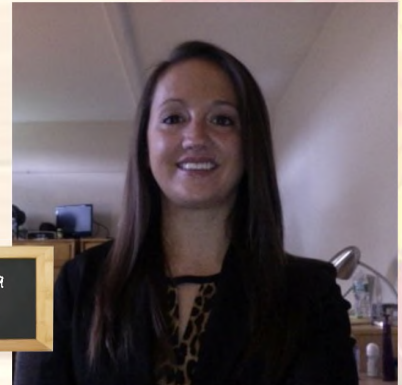


Dr. Alina  
Demeter

Dr. Alina Demeter joined the Department of Biomedical Sciences as a first year Anatomic Pathology Resident, in July, and she is extremely eager to contribute to the diagnostic and teaching responsibilities of the Anatomic Pathology team. She earned her DVM in 2004 in Bucharest, Romania and continued her education in Budapest, Hungary, where she obtained her PhD in 2011, in the field of Enteric Viral Diseases of Commercial Poultry.

She is excited to resume her career and deepen her commitment to the fascinating field of anatomic pathology after a few years of leave, in which she became the proud mother of two little girls, Dea Gabriella and Maia Alexia.

Suzanna says she is looking forward to joining the Biomedical Sciences team on October 10th. She received her Bachelor's Degree in Accounting from the University at Buffalo and she began working at Cornell, in December of 2015, in the Charles H. Dyson School of applied economics supporting faculty and programs. Before Cornell Suzanna worked at Elmira Savings Bank in the accounting department.



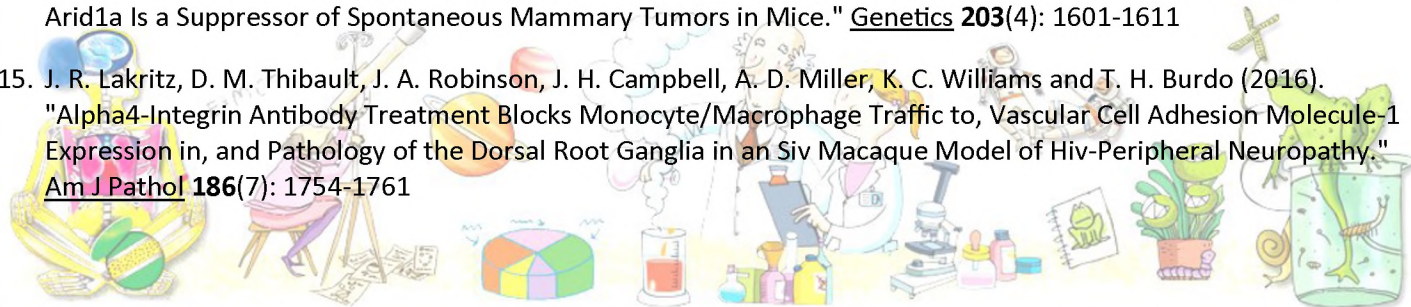
Suzanna  
Rehner

WELCOME



## PUBLICATIONS

1. K. Allen-Worthington, J. Xie, J. L. Brown, A. M. Edmunson, A. Dowling, A. M. Navratil, K. Scavelli, H. Yoon, D. G. Kim, M. S. Bynoe, I. Clarke and M. S. Roberson (2016). "The F0f1 Atp Synthase Complex Localizes to Membrane Rafts in Gonadotrope Cells." Mol Endocrinol **30**(9): 996-1011
2. K. W. Beyenbach (2016). "The Plasticity of Extracellular Fluid Homeostasis in Insects." J Exp Biol **219**(Pt 17): 2596-2607
3. M. A. Brieno-Enriquez, E. Larriba and J. Del Mazo (2016). "Endocrine Disrupters, Micrnas, and Primordial Germ Cells: A Dangerous Cocktail." Fertility and sterility **106**(4): 871-879
4. L. A. Choate and C. G. Danko (2016). "Poised for Development." Nature genetics **48**(8): 822-823
5. E. J. Choi, E. A. Sloma and A. D. Miller (2016). "Kir7.1 Immunoreactivity in Canine Choroid Plexus Tumors." J Vet Diagn Invest **28**(4): 464-468
6. S. Domanskyi, J. E. Schilling, V. Gorshkov, S. Libert and V. Privman (2016). "Rate-Equation Modelling and Ensemble Approach to Extraction of Parameters for Viral Infection-Induced Cell Apoptosis and Necrosis." The Journal of chemical physics **145**(9): 094103
7. C. J. Finno, H. J. Kaese, A. D. Miller, G. Gianino, T. Divers and S. J. Valberg (2016). "Pigment Retinopathy in Warmblood Horses with Equine Degenerative Myeloencephalopathy and Equine Motor Neuron Disease." Veterinary ophthalmology
8. C. J. Finno, A. D. Miller, S. Siso, T. Divers, G. Gianino, M. V. Barro and S. J. Valberg (2016). "Concurrent Equine Degenerative Myeloencephalopathy and Equine Motor Neuron Disease in Three Young Horses." J Vet Intern Med **30**(4): 1344-1350
9. A. Flores, W. Grant, A. C. White, P. Scumpia, R. Takahashi and W. E. Lowry (2016). "Tumor Suppressor Identity Can Contribute to Heterogeneity of Phenotype in Hair Follicle Stem Cell-Induced Squamous Cell Carcinoma." Experimental dermatology **25**(9): 733-735
10. D. Garibay, A. K. McGavigan, S. A. Lee, J. V. Ficorilli, A. L. Cox, M. D. Michael, K. W. Sloop and B. P. Cummings (2016). "Beta-Cell Glucagon-Like Peptide-1 Receptor Contributes to Improved Glucose Tolerance after Vertical Sleeve Gastrectomy." Endocrinology **157**(9): 3405-3409
11. J. A. Gerdin, S. P. McDonough, R. Reisman and J. Scarlett (2016). "Circumstances, Descriptive Characteristics, and Pathologic Findings in Dogs Suspected of Starving." Vet Pathol **53**(5): 1087-1094
12. S. Hilz, A. J. Modzelewski, P. E. Cohen and A. Grimson (2016). "The Roles of Micrnas and Sirnas in Mammalian Spermatogenesis." Development **143**(17): 3061-3073
13. S. N. Hoehne, S. P. McDonough, M. Rishniw and K. W. Simpson (2016). "Identification of Mucosa-Invasive and Intravascular Bacteria in Feline Small Intestinal Lymphoma." Vet Pathol
14. N. Kartha, L. Shen, C. Maskin, M. Wallace and J. C. Schimenti (2016). "The Chromatin Remodeling Component Arid1a Is a Suppressor of Spontaneous Mammary Tumors in Mice." Genetics **203**(4): 1601-1611
15. J. R. Lakritz, D. M. Thibault, J. A. Robinson, J. H. Campbell, A. D. Miller, K. C. Williams and T. H. Burdo (2016). "Alpha4-Integrin Antibody Treatment Blocks Monocyte/Macrophage Traffic to, Vascular Cell Adhesion Molecule-1 Expression in, and Pathology of the Dorsal Root Ganglia in an Siv Macaque Model of Hiv-Peripheral Neuropathy." Am J Pathol **186**(7): 1754-1761



## PUBLICATIONS CONT.

29. A. S. Wallace, H. T. Supnick, R. P. Bunaciu and A. Yen (2016). "Rrd-251 Enhances All-Trans Retinoic Acid (Ra)-Induced Differentiation of HL-60 Myeloblastic Leukemia Cells." Oncotarget
30. S. Wisitpitthaya, Y. Zhao, M. J. Long, M. Li, E. A. Fletcher, W. A. Blessing, R. S. Weiss and Y. Aye (2016). "Cladribine and Fludarabine Nucleotides Induce Distinct Hexamers Defining a Common Mode of Reversible Rnr Inhibition." ACS chemical biology **11**(7): 2021-2032



## PUBLICATIONS CONT.

31. Y. Xia, Z. Y. Xu-Monette, A. Tzankov, X. Li, G. C. Manyam, V. Murty, G. Bhagat, S. Zhang, L. Pasqualucci, L. Zhang, C. Visco, K. Dybkaer, A. Chiu, A. Orazi, Y. Zu, K. L. Richards, E. D. Hsi, W. W. Choi, J. H. van Krieken, J. Huh, M. Ponzoni, A. J. Ferreri, M. B. Moller, B. M. Parsons, J. N. Winter, M. A. Piris, J. Westin, N. Fowler, R. N. Miranda, C. Y. Ok, J. Li, L. J. Medeiros and K. H. Young (2016). "Loss of Prdm1/Blimp-1 Function Contributes to Poor Prognosis for Activated B-Cell-Like Diffuse Large B-Cell Lymphoma." Leukemia



## MAKING HEADLINES

# Miscarriages, Infertility, Birth Defects

Is meiosis—cell division that produces sperm and egg—to blame for miscarriages, infertility, and birth defects?

<https://research.cornell.edu/news-features/miscarriages-infertility-birth-defects>

July 1, 2016

<http://www.news.cornell.edu/stories/2016/07/local-center-part-biden-s-cancer-moonshot-summit>

## Local center part of Biden's Cancer Moonshot Summit

By Krishna Ramanujan

Aug. 12, 2016

<http://www.news.cornell.edu/stories/2016/08/students-organize-biomedical-science-symposium-aug-19>

## Students organize biomedical science symposium Aug. 19

By Krishna Ramanujan

Aug. 17, 2016

<http://www.news.cornell.edu/stories/2016/08/cornell-builds-bridges-qatari-doctors-future>

## Cornell builds bridges with Qatari 'doctors of the future'

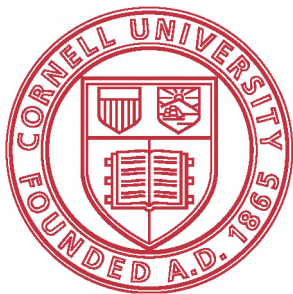
By Susan Kelley



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Find us online!  
[www.vet.cornell.edu/biosci/](http://www.vet.cornell.edu/biosci/)

## INTERESTING THINGS TO SEE AND DO!

**New York State Veterinary Conference - Sept. 30 - Oct. 2**

<http://www.nysvc.org/>

**DeeDee Arrison Concert for the Animals - Oct. 1**

[http://events.cornell.edu/event/deedee arrison concert for the animals 1748](http://events.cornell.edu/event/deedee+arison+concert+for+the+animals+1748)

## ARE YOU OR SOMEONE YOU KNOW EXPECTING?

Attend the...

Preparing for...



*Fall Workshop Series*

Fridays from 4:00-5:30pm at the East Hill Office Building  
See their website ([https://cornell.qualtrics.com/jfe/form/SV\\_0Ja7BFEPEI12ZmJ](https://cornell.qualtrics.com/jfe/form/SV_0Ja7BFEPEI12ZmJ))  
to sign up to attend any of a number of interesting and useful sessions!

## LINKS OF INTEREST

CVG Knowledge Forum on Yammer:

<http://www.vertebrategenomics.cornell.edu/Forum.php>

AAVMC Diversity Matters Podcasts on YouTube:

<https://www.youtube.com/channel/UC5M5VxNBYxiOxjrpsSkoUfw>

CVM Construction Page:

<http://www.vet.cornell.edu/about/project.cfm>

## CHANGE IS IN THE AIR UPDATES FROM THE BMS MAIN OFFICE

Phase two of the curtain wall project is in full swing. Chad Westmiller has updated the floor plans in the VRT that include move out/move in dates and are located on the plans posted on each floor. Dr. Paula Cohen's lab and offices have moved from the 3rd floor to the 9th floor of the VRT and Dr. Bethany Cummings lab has moved from the 7th floor to the 3rd floor, offices will move at a later date.

The BMS home page was revised and launched last week and can be found at the following link: <http://www.vet.cornell.edu/biosci/>