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Louis J. DeTolla, VMD, MS, PhD, DACLAM

Director, Program in Comparative Medicine and Chief,
Veterinary Resources

Academic Title:

Professor

Primary Appointment:

Pathology

Secondary Appointment(s):

Administration, Medicine, Epidemiology & Public Health

Administrative Title:

Director, Program In Comparative Medicine

Additional Title:

Director, Comparative Medicine and Chief, Veterinary Resources

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Education and Training

- Temple University, AB, Psychology, 1970
- Rutgers University, MS, Microbiology, 1974
- Rutgers University, PhD, Pathology, Immunology, 1978
- University of Pennsylvania School of Veterinary Medicine, VMD, 1982
- Diplomate, American College of Laboratory Animal Medicine, 1992

Biosketch

A senior researcher and pathologist in the field of Comparative Medicine, Dr. DeTolla currently oversees some 300 animal research projects on more than 20,000 animal species, representing over \$150 million of funding. Dr. DeTolla utilizes mice and other animals to study cancer treatments and gene therapy of transplanted tumors. He regularly collaborates with a wide range of investigators, especially in the area of infectious diseases, biohazards, biodefense, primatology, and vaccine development.

Through funding from the Maryland Industrial Partnerships Program, Dr. DeTolla has worked with local bio-venture companies to develop new drugs and medical treatments. As Director of the Comparative Medicine Training Program at the University of Maryland, Dr. DeTolla trains residents toward board certification in the American College of Laboratory Animal Medicine (ACLAM). He is also the Director of Transgenic Services and the newly created Germ free Laboratory.

Research/Clinical Keywords

Gnotobiotics, Laboratory Animal Medicine, Medical Primatology, Comparative Medicine, Infectious Diseases, Vaccines, Immunology, Public Health, Transgenics, Pathology, Oncology and Transplantation Biology

Highlighted Publications

L. DeTolla, R. Sanchez, E. Khan, B. Tyler, and M. Guarnieri, "Subcutaneous Implants of Buprenorphine-Cholesterol-Triglyceride Powder in Mice," *Journal of Veterinary Medicine*, vol. 2014, Article ID 365673, 8 pages, 2014. Doi:10.1155/2014/365673

G. Beha, L.V. Muscatello, B. Brunetti, P. Asproni, A. Poli, G. Avallone, , L.J. DeTolla, F. Millanta, C. Benazzi and G. Sarli. Comparison of metastatic phenotypes in mammary tumours of the dog and cat. Proceedings of the 32nd Meeting of the ESVP-oECVP, Berlin, Germany. *Journal of Comparative Pathology*, Vol. 152, Issue 1, p. 45, January 2015.

Muscatello LV, Sarli G, Beha G, Asproni P, Millanta F, Poli A, DeTolla LJ, Benazzi C, and Brunetti B. Validation of Tissue Microarray for Molecular Profiling of Canine and Feline Mammary Tumours. *Journal of Comparative Pathology*, April 2015, Vol. 152, Issues 2-3, PP153-160. doi: 10.1016/j.jcpa.2014.12.014

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