Animal Diseases in Translational Research

08:00 – 08:30 AM  Registration & continental breakfast  BRB II/III Lobby

08:30 – 09:00  Welcome & Opening Remarks—John Wolfe, V.M.D., Ph.D.  Auditorium
Director, Walter Flato Goodman Center for Comparative Medical Genetics, University of Pennsylvania School of Veterinary Medicine

09:00 – 09:30  Steven U. Walkley, D.V.M., Ph.D., Professor
Rose F. Kennedy Center, Albert Einstein College of Medicine
*The Pathobiology of Lysosomal Disease in Large Animal Models*

09:40 – 09:50  Francis J. Golder, D.V.M., Ph.D., Assistant Professor
Department of Clinical Studies (PHL), University of Pennsylvania School of Veterinary Medicine
*Phrenic motorneuron facilitation and potential translation to spinal cord injuries*

09:55 – 10:25  Andrew A. Lackner, D.V.M., Ph.D., Director and Professor
Tulane University and National Primate Research Center
*Non-human primate models of neuroAIDS*

10:35 – 10:55  Break

10:55 – 11:05  Thomas D. Parsons, V.M.D., Ph.D., Associate Professor
Department of Clinical Studies (New Bolton Center), University of Pennsylvania School of Veterinary Medicine
*Temporal coding by the chick auditory nerve: Implications for human cochlear prostheses?*

11:10 – 11:40  Dennis D. Hickstein, M.D., Senior Investigator
Experimental Transplantation & Immunology Branch, Center for Cancer Research, NCI/NIH
*Gene therapy for leukocyte adhesion deficiency- the road from Irish Setters to children*

11:50 – 1:00 PM  Buffet Lunch  BRB II/III Lobby
Posters from Penn Vet faculty laboratories and research groups

1:00 – 1:20  Dorothy Cimino Brown, D.V.M., M.S.C.E., Associate Professor  Auditorium
Director, Veterinary Clinical Investigation Center, Penn Vet
*Translational potential of clinical trials in animal patient populations*

1:30 – 2:00  Randall S. Prather, Ph.D., Curators’ Professor
University of Missouri, Division of Animal Sciences and National Swine Resource and Research Center
*Transgenic and cloned pig models of cystic fibrosis and other diseases*
2:10 – 2:20  Kurt D. Hankenson, D.V.M., Ph.D., Assistant Professor
Department of Animal Biology, University of Pennsylvania School of Veterinary Medicine
The potential for skeletal regeneration using mesenchymal stem cell-based therapy

2:25 – 2:45  Break

2:45 – 3:15  Gustavo D. Aguirre, V.M.D., Ph.D., Professor
Department of Clinical Studies (PHL), University of Pennsylvania School of Veterinary Medicine
From gene discovery to treatment in canine models of human blindness

3:25 – 3:35  Margaret M. Sleeper, V.M.D., Associate Professor
Chief, Section of Cardiology, Department of Clinical Studies (PHL), University of Pennsylvania School of Veterinary Medicine
Canine familial dilated cardiomyopathy and potential treatment approaches

3:40 – 4:10  Rainer Storb, M.D., Professor
Fred Hutchinson Cancer Research Center, Seattle
Dog models for organ transplantation and gene therapy of muscular dystrophies

4:20 – 4:30  Pfizer Award presentation (Phillip Scott and Pfizer Representative)

4:30 – 4:45  Summary and closing remarks

4:45 – 6:30  Reception
Posters of Vet faculty labs & research groups