Commencement of the American Association of Veterinary Medical Colleges (AAVMC) Symposium
THURSDAY, AUGUST 2, 2007

8:30 – 9:00 AM Welcome and Opening Comments
Dr. Timothy Boosinger, AAVMC
Dr. Gregory Hammer, AVMA
Dr. Barbara Alving, NIH-NCRR

Plenary Session:
Building National Capacity – The Background
9:00 – 9:30 AM Review of the documented needs for veterinarians in biomedical research
Dr. Thomas Rosol, Ohio State

9:30 – 9:50 AM AAVMC Foresight Analysis and Long Range Planning: Addressing the need for veterinarians in biomedical research
Dr. Keith Prasse, AAVMC

Panel Session:
What factors attract or discourage veterinarians from research careers?
10:10 – 10:40 AM PhD student perspective
Dr. Scott Aoki, Harvard
Dr. Stephan Carey, Michigan State

10:40 – 11:10 AM Veterinary student perspective
Ms. Carole Harbison, Cornell
Ms. Jodi Woods, Wisconsin

11:10 – 11:30 AM Program director perspective
Dr. Michael Atchison, Pennsylvania

11:30 – 12:00 AM Moderated discussion, Q & A
All Panelists

Keynote Address
1:00 – 1:30 PM The role of veterinarians in biomedical research
Dr. Richard Wyatt, NIH, OD

Panel Session:
Programs to promote engagement of veterinarians in biomedical research
1:30 – 2:10 PM Federal Programs
Dr. Barbara Alving, NCRR
Dr. Stephen Sundlof, FDA

2:10 – 2:50 PM Industry Programs
Dr. Gary Cockerill, Cockerill Inc.
Dr. Gerry Hickey, Merck, Inc.

3:10 – 3:40 Nonprofit Institute Programs
Dr. Patricia Olsen, Morris An. Fnd.
Dr. William Galey, HHMI
Breakout Sessions

4:00 – 5:00 PM

**Question 1:** What are the priorities for new/renewed strategies to develop more DVMs entering biomedical research?

*Room A*
Dr. Roberto Alva, Facilitator

**Question 2:** What are the priorities for new/renewed strategies to reduce the loss of DVMs from biomedical research?

*Room C*
Dr. Thomas Rosol, Facilitator

**Question 3:** How can we better mesh and align federal government, industry, and academia to produce more DVMs in biomedical research?

*Room F*
Dr. Gerry Hickey, Facilitator

*Room G*
Dr. Franziska Grieder, Facilitator

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**Commencement of the Merck-Merial-NIH Symposium**

**FRIDAY, AUGUST 3, 2007**

8:30 – 9:00 AM *Welcome & Opening Comments*
Drs. Michael Atchison, Penn; Gerry Hickey, Merck; Kevin Schultz, Merial; Andrew Maccabe, AAVMC

**Keynote Address**
9:00 – 10:00 AM *The role of veterinarians in public health.*
Dr. Lonnie King, CDC

**Poster Session I**
10:00 – 12:00 AM Student research presentations
Postgraduate training and employment opportunities introductions/tables

12:00 – 1:30 PM NCRR Training Program Directors Meeting
Dr. Ray O’Neill (NCRR)

**Student Breakout Sessions and Discussions**
12:00 – 1:30 PM *Question 4:* How do faculty members influence student interest in biomedical research careers? What can be done to stimulate and motivate student interest?

**Plenary Session**
Enhancing mechanistic understanding of cancer metastasis by integrating basic and veterinary investigative perspectives

1:30 – 2:50 PM Using Mouse Models to Understand Human Cancer
Dr. Jeff Green, NCI

A comparative approach towards cancer metastasis biology and therapy
Dr. Chand Khanna, NCI

Molecular mechanisms in metastasis research
Dr. Patricia Steeg, NCI

3:10 – 4:30 PM What can the mouse teach us about metastasis?
Dr. Glenn Merlino, NCI
Translational mouse models of cancer  
Dr. Tom Rosol,  
Ohio State

Kinase Dysfunction in Canine Cancer  
Dr. Cheryl London,  
Ohio State

SATURDAY, AUGUST 4, 2007

Plenary Session: Young Investigator Presentations  
Dr. Lisa Freeman, Moderator

8:30 – 8:45 AM  
Expression of the CALM-AF10 fusion gene in mice leads to acute leukemia which can be accelerated by retroviral infection  
David Caudell  
NIH

8:45 – 9:00 AM  
Pharmacological approaches to improve respiratory function after spinal cord injury  
Francis Golder  
Univ. Pennsylvania

9:00 – 9:15 AM  
Studies of acute and persistent cystitis reveal mouse strain-dependent checkpoints that impact the outcome of disease by uropathogenic Escherichia Coli  
Thomas Hannan  
Washington Univ.

9:15 – 9:30 AM  
RNA interference of the glycoprotein-D and DNA polymerase genes of feline herpesvirus by synthetic siRNAs  
Rebecca Wilkes  
Univ. Tennessee

9:30 – 9:45 AM  
Sodium valproate to enhance doxorubicin sensitivity  
Luke Wittneberg  
Washington Univ.

Poster Session II  
10:00 – 12:00 AM  
Student research presentations  
Postgraduate training and employment opportunities introductions/tables

12:00 – 1:00 PM  
Merck-Merial Directors Meeting  
Dr. Gerry Hickey

Concurrent Sessions: State-of-the-Art Presentations  
1:00 – 2:45 PM  
Immunology/hematology  
Donohue, Modiano, Meek  
Room A

Genomics  
Ostrander, Kotlikoff  
Room B

Stem cells/regenerative medicine  
Cibelli, Kehler, Hankenson  
Room C

Genetic Disease  
Wolfe, Vite  
Room E1

Neurobiology  
Hendricks, Messing  
Room E2

Cancer  
Mason, Khanna  
Room F

Infectious Disease  
Hirsch, Milward  
Room G

Lab Animal Medicine  
Hoyt, Hoogstraten-Miller, Schech, Thomas, Klaunberg  
Natcher Auditorium

Plenary Session: Bringing it All Together  
3:00 – 4:00 PM  
Breakout Session Reports  
Questions 1, 2, 3, 4

4:00 – 4:45 PM  
Reaction to Reports  
Dr. Daryl Buss, Moderator

4:45 – 5:00 PM  
Closing Comments  
Dr. Daryl Buss, Program Chair