NIH Comparative Biomedical Scientist Training Program Symposium
April 18–20, 2012
Natcher Conference Center, National Institutes of Health
Bethesda, Maryland

Translational Perspectives on Melanomas in Humans and Dogs

An NCI Symposium with support from Animal Cancer Foundation, Inc., Canine Comparative Oncology and Genomics Consortium, Inc., and NHLBI, NIAID, and NINDS
8:00 am. **Director’s Welcome**  
Richard G. Wyatt, M.D.  
Deputy Director, Office of Intramural Research, Office of the Director, NIH

*Introductions* - Mark Simpson, D.V.M., Ph.D., and Stephen Hewitt, M.D., Ph.D., Center for Cancer Research, NCI

**Session 1: Animal models of melanoma**

8:15 am-8:55 am  
Craig J. Ceol, Ph.D. – Assistant Professor, University of Massachusetts Medical School, Worcester  
*Title: Understanding melanoma initiation using the zebrafish Danio rerio*

8:55 am-9:35 am  
Marcus W. Bosenberg, M.D., Ph.D. – Associate Professor, Yale University Medical School, New Haven  
*Title: Comparative pathology of genetically engineered mouse models of melanoma*

9:35 am-9:50 am  
**Break - visit fellow posters**

9:50 am-10:30 am  
Glenn Merlino, Ph.D. – Chief, Laboratory of Cancer Biology and Genetics, NCI, Bethesda  
*Title: Modeling UV-initiated melanoma in the mouse*

10:30 am-11:10 am  
Sheri Holmen, Ph.D. – Associate Professor, Huntsman Cancer Institute, University of Utah, Salt Lake  
*Title: A somatic cell gene delivery mouse model allows rapid evaluation of genes implicated in human melanoma*

11:10 am-12:00 pm  
**Keynote Speaker**  
Boris Bastian, M.D., Ph.D. – Gerson and Barbara Bakar Distinguished Professor of Cancer Biology, University of California, San Francisco  
*Title: Integrating molecular and clinical features to improve the taxonomy of melanocytic neoplasms*

12:00 pm-1:15 pm  
**Lunch**

**Session 2: Human melanomas**

1:15 pm-1:50 pm  
Xiaohong Rose Yang, Ph.D., M.P.H. – Investigator, Genetic Epidemiology Branch, Division of Cancer Epidemiology and Genetics, NCI, Rockville  
*Title: Genetic epidemiology of melanoma*
Adriano Piris, M.D. – Assistant in Pathology, Massachusetts General Hospital, Instructor in Pathology, Harvard Medical School, Boston
Title: Metastatic malignant melanoma and selective BRAF inhibitor therapy

Victor Prieto, M.D., Ph.D. – Professor of Pathology and Dermatology Section Chief, Dermatopathology, Department of Pathology, MD Anderson Cancer Center, Univ of Texas, Houston
Title: Histopathology and prognostic factors

Break - visit fellow posters

Session 3: Canine melanomas

3:15 pm-3:55 pm Philip J. Bergman, D.V.M., Ph.D. – Chief Medical Officer, BrightHeart Veterinary Centers, Armonk, New York
Title: Of mice & men (and dogs!): xenogeneic DNA vaccines for canine melanoma & other spontaneous malignancies

3:55 pm-4:35 pm Rebecca Smedley, D.V.M., M.S. – Academic Specialist, Diagnostic Center for Population and Animal Health, Michigan State University, Lansing
Title: Review of the prognostic evaluation of canine melanomas

4:35 pm Closing remarks

Thursday, April 19, 2012 (6pm-9pm) Bethesda North Marriott

Tumor board commences Working Session including Evening Speaker
(Thursday Evening, by invitation only - at Bethesda North Marriott)

7:00 pm Evening Speaker
Chand Khanna, D.V.M., Ph.D. – Head, Tumor and Metastasis Biology Section, Pediatric Oncology Branch, NCI, Bethesda
Title: A comparative approach to cancer biology and therapy

Friday, April 20, 2012 (8am-2:30pm) NIH Natcher Conference Center, Room D

Comparative Melanoma Tumor Board Session (limited space, by invitation)

Tumor Board Working Session - Moderated by Mark Simpson, D.V.M., Ph.D., Laboratory of Cancer Biology and Genetics, NCI, and Stephen Hewitt, M.D., Ph.D., Laboratory of Pathology, NCI

Meeting adjourns - 2:30 pm
NIH Comparative Melanoma Tumor Board Members

Tumor Board Organizers

R. Mark Simpson, D.V.M., Ph.D.
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Director, NIH Comparative Biomedical Scientist Training Program
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Collaborating Physician and Veterinary Pathologist Diagnostic Specialists

Boris C. Bastian, M.D., Ph.D.
Clinical Professor, Baker Distinguished Professor
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University of California, San Francisco

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Yale Cancer Center
New Haven, CT
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Tumor Board Adjunct Pathologists

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Frederick, MD

Alfredo Alberto Molinolo, M.D., Ph.D.
Staff Scientist, Pathologist
Oral & Pharyngeal Cancer Branch
National Institute of Dental and Craniofacial Research
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The NIH Comparative Melanoma Tumor Board
April 19-20, 2012
The NIH Natcher Center, Building 45, Bethesda, MD

Participant List

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**Canine Comparative Oncology Genomics Consortium, Inc.**

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Tufts University

Michael Kent  
University of California, Davis

David Vail  
University of Wisconsin

**New CBSTP Trainees as of July 2012**

Caroline Salter  
University of Georgia

Helen Michael  
University of Minnesota

**Other Affiliations**

Philip Bergman  
Veterinary Clinics of America-Antech

Craig Ceol  
University of Massachusetts

Sheri Holmen  
University of Utah

Rani Sellers  
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