

Small Animal Imaging Symposium at Stanford

November 11-13, 2005

Friday, November 11

7:30-8:30 am Registration, Check-in & Continental Breakfast

Section I. Introduction

8:30-8:35 am Introduction: Dr. Craig Levin

8:35-8:45 am Overview of Molecular Imaging Program: Dr. Sanjiv Sam Gambhir

8:40-9:10 am Opening address: "Revealing Complex Mammalian Biology through Molecular Imaging" - Dr. Chris Contag

Section II. Small Animal Imaging Instrumentation Industry

OPTICAL

9:15-9:40 am Bioluminescence and fluorescence imaging/tomography: (Xenogen, Inc., IVIS)

9:45-10:10 am "Increased Sensitivity for in-vivo Fluorescence Imaging by Multispectral Imaging"

James R. Mansfield Senior Spectral Imaging Scientist Product Manager, MSI Systems CRI, Inc.

10:15-10:40 am Fluorescence tomography: (ART-GE Healthcare, Inc., eXplore Optix)

10:45-11:15 am Coffee break

11:15-11:40 am Intra-vital Fiber-based microscopy (Mauna Kea, Cell viZio)

RADIONUCLIDE I: Positron Emission Tomography (PET)

11:45-12:10 am PET (Concorde Microsystems, Inc. μ PET)

12:15-1:45 pm Lunch

1:45-2:10 pm PET (Suinsa-GE Healthcare, Inc., eXplore Vista)

RADIONUCLIDE II: SPECT/CT FUSION

2:10-2:35 pm SPECT/CT/PET (Gamma Medica, Inc., X-SPECT and X-PET)

2:40-3:05 pm SPECT/CT (ImTek-Philips Medical)

3:10-3:45 pm Coffee Break

X-RAY CT

3:45-4:10 pm CT (EVS-GE Healthcare, eXplore Locus)

ULTRASOUND

4:15-4:40 pm "Applications of High-Resolution Micro-Ultrasound for Preclinical Cancer Research" - Catherine Theodoropoulos, Ph.D Manager, Scientific Applications
Visual Sonics

MAGNETIC RESONANCE

4:45-5:10 pm MRI (Varian Medical, Unity Inova)

Small Animal Imaging Symposium at Stanford

November 11-13, 2005

Saturday, November 12

7:30-8:30 am Continental Breakfast

Section III. Small Animal Imaging Probes, Targets, Assays, and Applications

8:30-8:55am "Tracking Stem Cell Therapy in the Heart by Molecular Imaging" - Joseph Wu

8:55-9:20am "Small animal optical imaging probes and assays for basic molecular biochemistry research" - Dr. Jianghong Rao

9:20-9:45am "Imaging of Apoptosis" - Dr. Francis Blankenberg

9:45-10:10am "Musculoskeletal Imaging: No Bones about It" - Dr. Sandip Biswal

10:10-10:30am Coffee Break

10:30-11:10am Panel Discussion - Moderator: Dr. Craig Levin

Section IV. Small Animal Handling

11:10-11:35am "Small animal handling care and use in research"- Dr. Manny Garcia, DVM

11:35-12:00pm "Anesthesia-It's a Gas" - Jim Houts, Executive Director of Sales, Summit Anesthesia Solutions

12:00-1:00 pm Lunch

Section V. In Vivo Small Animal Imaging Demonstrations

1:00-2:30pm In Vivo Small Animal Imaging Demonstrations I

2:30-3:00pm Coffee Break

3:00-5:00pm In Vivo Small Animal Imaging Demonstrations II

Sunday, November 13

7:30-8:30 am Continental Breakfast

8:30-10:00am In Vivo on Small Animal Imaging Demonstrations III

10:00-10:30am Coffee Break

10:30-12:00am In Vivo Small Animal Imaging Demonstrations IV

12:00-1:00pm Lunch

12:00-1:00pm In Vivo Small Animal Imaging Demonstrations V

2:30-3:00pm Coffee Break

3:00-4:30pm In Vivo Small Animal Imaging Demonstrations VI