

Preliminary Program - as of January 6, 2019 (subject to change)

8TH INTERNATIONAL CONGRESS ON CANCER METASTASIS

October 25 - 27, 2019

Holiday Inn Golden Gateway, San Francisco, USA

Preceding the ACS Clinical Congress 2019

Thursday, October 24, 2019

- 14:30 - 16:00** Sentinel Lymph Node Working Group Meeting
- 16:00 - 18:00** On-Site Registration
- 16:00 - 18:30** Exhibitor Setup
- 18:30 - 22:00** Speaker/Committee Dinner sponsored by Merck, Kevin Kim

All Meetings in the **Emerald Ballroom**, parallel sessions also in the **Redwood Ballroom**, Exhibits, Coffee Breaks, Receptions and Posters in the **Crystal Ballroom**

Friday, October 25, 2019

- 7:00 - 18:00** On-site Registration, Exhibit Set-up continues
- 7:30 - 8:30** Sponsored Breakfast Session TBD
- 8:30 - 8:40** Welcome Remarks - Stanley Leong and Jonathan Zager

8:40 - 10:55 Cancer Microenvironment and Genomics: Evolution in Process, Moderators: Stanley Leong and Marlys Witte

- 8:40** Introduction
- 8:45** Isaac Witz, PhD, *Tel Aviv, Israel*
CANCER PROLIFERATION WITHIN THE CANCER MICROENVIRONMENT
- 9:05** Bernard Fox, PhD, *Providence Portland Medical Center, Portland, USA*
UTILITY OF MULTIPLEX MICROSCOPY TO STUDY THE CANCER MICROENVIRONMENT
- 9:25** Melissa B. Davis, PhD, *Weill Cornell Medical College, New York, USA*
CANCER HETEROGENEITY BASED ON MOLECULAR, CELLULAR, RACIAL AND ENVIRONMENTAL PERSPECTIVES
- 9:45** David Haussler, PhD, *UC Santa Cruz Genomics Institute, Santa Cruz, USA*
CANCER GENOME PRESENTATION
- 10:05** Christof Fellmann, PhD, *UC Berkeley, Berkeley, USA*
CRISPR-CAS IN DIAGNOSIS, DRUG DISCOVERY, AND TREATMENT OF CANCER
- 10:25** Q&A Panel Discussion
- 10:40** Coffee Break - Visit the Exhibits & Posters

Friday, October 25, 2019 continued

11:10 - 11:35 Donald M Morton Surgical Oncology Memorial Lecture

11:10 Stanley Leong, MD, California Pacific Medical Ctr, San Francisco, USA
DONALD M MORTON SURGICAL ONCOLOGY MEMORIAL LECTURE
INTRODUCTION

11:15 Mark Faries, MD, The Angeles Clinic and Research Institute A Cedars-Sinai
Affiliate, Santa Monica, USA
DONALD MORTON LECTURE: THE SENTINEL NODE LEGACY OF
DONALD MORTON: PAST, PRESENT AND FUTURE

11:35 - 12:55 Current Management of Melanoma Patients,
Moderators: Dale Han and Giorgos Karakousis

11:35 Introduction

11:40 Alexander van Akkooi, MD, PhD, Netherlands Cancer Institute,
Amsterdam, Netherlands
SPECTRUM OF MICROMETASTASIS IN MELANOMA SENTINEL LYMPH
NODES

12:00 Merrick Ross, MD, M. D. Anderson Cancer Center, Houston, USA
SHOULD A COMPLETION LYMPH NODE DISSECTION BE DONE
FOLLOWING A POSITIVE MELANOMA SENTINEL NODE BIOPSY?

12:20 Giorgos Karakousis, MD, University of Pennsylvania, Philadelphia, USA
NEOADJUVANT THERAPY FOR REGIONALLY LOCALIZED OR
RESECTABLE MELANOMA

12:40 Kevin Kim, MD, California Pacific Medical Center, San Francisco, USA
ADJUVANT THERAPY OF MELANOMA PATIENTS WITH SENTINEL
NODE MICROMETASTASIS

12:40 Q&A Panel Discussion

12:55 Lunch Break

12:55 Lunch Session Sponsored (to be confirmed)

13:55 Ice Cream, coffee in exhibit area

14:25 - 16:10 Novel Frontiers in the Diagnosis of Cancer
Moderators: Jane Messina and David Hoon

14:25 Introduction

14:30 Jane Messina, MD, Moffitt Cancer Center, Tampa, USA
UPDATE ON PATHOLOGY OF THE SENTINEL LYMPH NODE

Friday, October 25, 2019 continued

- 14:50 Anthony Magliocco, MD, Moffitt Cancer Center, Tampa, USA**
NOVEL USES OF MACHINE LEARNING AND ANALYTIC MICROSCOPY IN THE DIAGNOSIS AND PROGNOSIS OF CANCER)
- 15:10 Catherine Alix-Panabières, PhD, Institut Universitaire de Recherche Clinique (IURC), Montpellier Cedex 5, France**
CIRCULATING TUMOR CELLS AS LIQUID BIOPSY IN CANCER PATIENTS: BIOLOGY AND CLINICAL RELEVANCE
- 15:30 Mary Hendrix, PhD, Shepherd University, Shepherdstown, USA**
TARGETING THE STEM CELL PROPERTIES OF AGGRESSIVE CANCER CELLS IN HETEROGENEOUS TUMORS
- 15:50 Dave Hoon, PhD, John Wayne Cancer Institute, Santa Monica, USA**
COMMENTARY AND SUMMARY: NOVEL FRONTIERS IN THE DIAGNOSIS OF CANCER
- 16:10 Q&A Panel Discussion**
- 16:25 Coffee Break - Visit the Exhibits & Posters**

16:55 - 18:15 Mechanisms of Breast Cancer Metastasis

Moderators: David Nathanson and Michael Detmer

- 16:55 Introduction**
- 17:00 Lucy Yates, MA, MBBS, PhD, Wellcome Trust Sanger Institute, Cambridge, UK**
THE GENOMIC EVOLUTION OF BREAST CANCER METASTASIS
- 17:20 Danny Welch, PhD, The Kansas University Medical Center, Kansas City, USA**
MITOCHONDRIAL POLYMORPHISMS AS CONTRIBUTORS TO METASTASIS
- 17:40 Kevin Cheung, MD, Fred Hutchinson Cancer Research Center, Seattle, USA**
SIGNALING PATHWAYS CONTROLLING CLUSTER-BASED METASTASIS
- 18:00 Timothy Padera, PhD, Harvard Medical School, Cambridge, USA**
LYMPH NODE METASTASIS A DRIVER OF CANCER PROGRESSION
- 18:00 Q&A Panel Discussion**

18:15 - 19:15 Poster Session & Exhibitors Reception – Poster Presenters will be at their posters, posters up all three days in the Crystal Ballroom

Moderators: Barbara Pockaj and Richard White

Saturday, October 26, 2019

7:30 - 8:30 Breakfast Symposium Sponsored by Cardinal Health

8:30 - 10:05 Molecular Mechanisms of Cancer Spread via the Lymphatic versus the Vascular Channels, Sponsored by Sentinel Node Oncology Foundation and Metastasis Research Society, Moderators: Stanley Leong and Tim Padera

8:30 Introduction

8:35 Michael Detmar, MD, Swiss Federal Institute of Technology, ETH, Zurich, Switzerland
CANCER METASTASIS VIA THE LYMPHATIC SYSTEM

8:55 Kamila Naxerova, PhD, Massachusetts General Hospital, Harvard Medical School, Charlestown, USA
PHYLOGENETIC ORIGINS OF LYMPH NODE METASTASIS IN COLORECTAL CANCER: POSSIBLE CANCER METASTASIS VIA THE BLOOD VASCULAR SYSTEM

9:15 Melody Swartz, PhD, University of Chicago, Chicago, USA
THE YIN AND YANG OF TUMOR-ASSOCIATED LYMPHATICS IN METASTASIS AND IMMUNOTHERAPY

9:35 Klaus Pantel, MD, PhD, Hamburg, Germany,
CANCER MICROMETASTASIS AND DORMANCY

9:55 Marlys Witte, MD, University of Arizona, Tucson, USA
COMMENTARY

10:05 Q&A Panel Discussion

10:20 Coffee Break - Visit the Exhibits & Posters

10:50 - 12:15 Personalized Cancer Medicine
Moderators: Mohammed Kashani-Sabet and Kevin Kim

10:50 Introduction

10:55 Joe Gray, PhD, OHSU Center for Spatial Systems Biomedicine, Portland, USA
PERSONALIZED CANCER MEDICINE

11:15 Gordon Mills, MD, PhD, OHSU Knight Cancer Institute, Portland, USA
PRECISION ONCOLOGY THROUGH CLINICAL TRIALS

11:35 Charles Gawad, MD, PhD, St. Jude Children's Research Hospital, Memphis, USA
TOWARDS HIGHER RESOLUTION PRECISION ONCOLOGY WITH SINGLE CELL GENOME SEQUENCING

Saturday, October 26, 2019 continued

11:55 **Dexter Hadley, MD, PhD, UCSF San Francisco, USA**
THE APPLICATION OF ARTIFICIAL INTELLIGENCE TO STUDY CANCER DATABASE.

12:15 **Q&A Panel Discussion**

12:30 - 14:00 **Lunch Break**

12:30 - 13:30 **Sponsored Lunch Session**

14:00 - 15:20 **New Frontiers in Immuno-Oncology**
Moderators: Stanley Leong and Merrick Ross

14:00 **Introduction**

14:05 **Speaker TBD**
NOVEL CONCEPTS AND PRACTICE OF IMMUNE CHECKPOINT INHIBITORS

14:25 **Jianda Yuan, MD, PhD, Merck Research Labs, Kenilworth, USA**
CANCER NEOANTIGENS: POTENTIAL TARGETS FOR IMMUNOTHERAPY

14:45 **Michael Nishimura, PhD, Loyola University Chicago Stritch School of Medicine, 2160 South First Avenue, USA**
T CELL REPERTOIRE AGAINST CANCER ANTIGENS

15:05 **Q&A Panel Discussion**

15:20 - 15:45 **Ice Cream, coffee in exhibit area**

15:45 - 15:05 **Novel Developments of Radioimaging and Radiotherapy**
Moderators: Baldassarre Stea and Russell Witte

15:45 **Introduction**

15:50 **Robert J. Gillies, PhD, Moffitt Cancer Center, Tampa, USA**
RADIOMICS TO PREDICT METASTASIS: LIFE AT THE EDGE

16:10 **Russell Witte, PhD, University of Arizona, Tucson, USA**
NOVEL FRONTIERS OF CANCER IMAGING

16:30 **Baldassarre Stea, MD, PhD, University of Arizona, Tucson, USA**
SIMULTANEOUS TREATMENT OF MULTIPLE BRAIN METASTASES WITH SINGLE ISOCENTER VMAT

16:50 **Q&A Panel Discussion**

Saturday, October 26, 2019 continued

13:00 - 17:00 Patient Summit in Redwood Ballroom

17:05 - 19:05 Secondary Lymphedema from Cancer Therapy
Moderators: Michael Bernas and Saskia R.J. Thiadens

17:05 Saskia R.J. Thiadens, RN, California Pacific Medical Center Cancer Center, San Francisco, USA
INTRODUCTION

17:10 Paula Stewart, MD, Tennessee
INCIDENCE OF CANCER RELATED LYMPHEDEMA

17:30 Mike Bernas, MS, University of Arizona, Tucson, USA
IMAGING OF THE LYMPHATIC SYSTEM IN LYMPHEDEMA

17:50 Betty Smoot, PhD, PT, University of California
GENETICS OF SECONDARY BREAST CANCER-RELATED LYMPHEDEMA

18:10 Saskia Thiadens, RN, California Pacific Medical Center Cancer Center, San Francisco, USA
SCREENING AND EARLY DETECTION PROGRAM & CONVENTIONAL TREATMENT

18:30 Jay W. Granzow, MD, MPH, University of California, Los Angeles (UCLA), Los Angeles, USA
SURGICAL OPTIONS FOR LYMPHEDEMA TREATMENT

18:50 Q&A Panel Discussion

19:30 - 22:30 GALA DINNER Chinatown

Sunday, October 27, 2019

7:50 - 9:50 Breakfast Session: The Lymphatic System & Sentinel Lymph Node(s), Moderators: Stanley Leong and Jonathan Zager

7:50 Introduction

7:55 Max Wu, MD, PhD, California Pacific Medical Center, San Francisco, USA,
IMAGING OF THE LYMPHATIC SYSTEM AND SENTINEL LYMPH NODES

8:15 Amanda Lund, PhD, Oregon Health & Science University, Portland, USA
LYMPHATIC VESSELS AND LYMPHOCYTE TRAFFICKING IN MELANOMA AND THE LYMPHOCYTIC SYSTEM

8:35 Mark Faries, MD, The Angeles Clinic and Research Institute A Cedars-Sinai Affiliate, Santa Monica, USA
APPLICATION OF SENTINEL LYMPH NODE SURGERY TO DIFFERENT TYPES OF CANCER

Sunday, October 27, 2019 continued

8:55 Sukamal Saha, MD, Easton Hospital, Easton, USA
THE ROLE OF SENTINEL LYMPH NODES IN THE ADJUVANT TREATMENT OF COLORECTAL CANCER

9:15 Jonathan Zager, MD, Moffitt Cancer Center, Tampa, USA
INTRANSIT METASTATIC MELANOMA, BIOLOGY AND TREATMENT

9:35 - 9:50 Q&A Panel Discussion

9:50 - 12:25 2 Parallel Sessions, Emerald Ballroom & Redwood Ballroom

9:50 - 12:25 Parallel Session 1: Rapid Fire Abstract Presentations: Cancer Microenvironment and Progression (Emerald Ballroom)
Moderators: Barbara Pockaj and Sukamal Saha

9:50 - 12:10 Cancer Microenvironment and Progression Oral Abstract Presentations (Submission Deadline, June 1, 2019)

10:35 - 10:50 Coffee Break - 15 minutes

12:10 - 12:25 Q&A Panel Discussion

9:50 - 12:25 Parallel Session 2: Rapid Fire Abstract Presentations: Cancer Metastasis, Diagnosis and Treatment (Redwood Ballroom)
Moderators: Alexander C.J. van Akkooi and Richard White

9:50 - 12:10 Cancer Metastasis, Diagnosis and Treatment Oral Abstract Presentations (Submission Deadline, June 1, 2019)

10:35 - 10:50 Coffee Break - 15 minutes

12:10 - 12:25 Q&A Panel Discussion

12:25 - 13:25 Trainee & Young Investigator Awards Oral Presentations, LUNCH Session, Stanley Leong and Marlys Witte

13:25 - 13:35 Closing Remarks, Stanley Leong and Jonathan Zager