

Speakers

Dafna Bar-Sagi, PhD

Professor of Biochemistry and Molecular Pharmacology, NYU Langone Medical Center

Christin Burd, PhD

Assistant Professor of Molecular Genetics, The Ohio State University

Eric Collisson, MD

Assistant Professor of Medicine, UCSF

Julian Downward, PhD

Professor, Cancer Research UK

James A. Fagin, MD

Chief of Endocrinology Service, Memorial Sloan-Kettering Cancer Center

Stephen W. Fesik, PhD

Professor of Biochemistry, Pharmacology, and Chemistry, Vanderbilt-Ingram Cancer Center

Erica Jackson, PhD

Scientist, Genentech, Inc.

Carla Mattos, PhD

Professor of Chemistry, Northeastern University

Frank McCormick, PhD

Professor Emeritus, Helen Diller Family Comprehensive Cancer Center, UCSF

Martin McMahon, PhD

Professor, Helen Diller Family Comprehensive Cancer Center, UCSF

Deborah Morrison, PhD

Chief, Laboratory of Cell Development and Signaling, NCI Center for Cancer Research

Xiaolin Nan, PhD

Assistant Professor of Biomedical Engineering, Oregon Health & Science University

Kevin Shannon, MD

Professor of Pediatrics, UCSF

Kevan Shokat, PhD

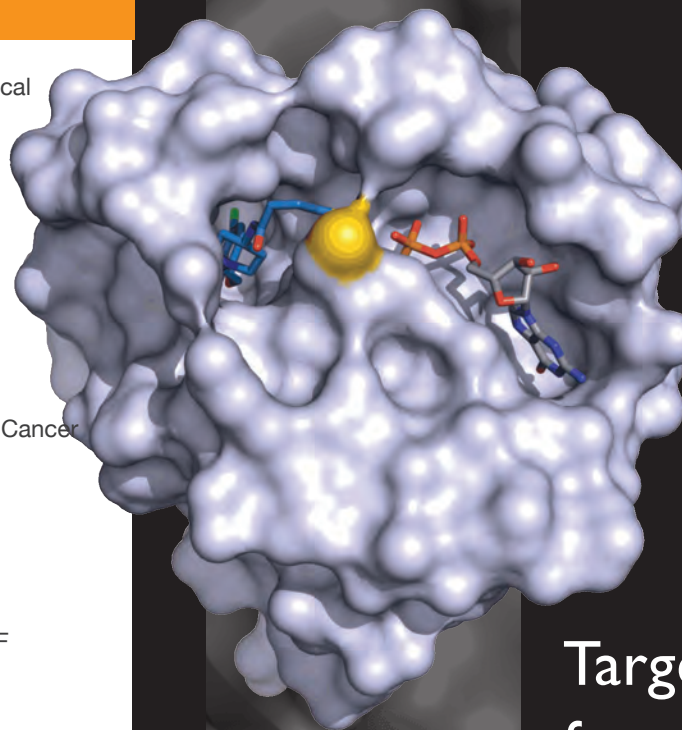
Professor and Chair of Cellular and Molecular Pharmacology, UCSF

Herbert Waldmann, PhD

Professor of Chemistry, Max Planck Institute of Molecular Physiology

UCSF Helen Diller Family
Comprehensive
Cancer Center

Symposium 2014



Targeting **RAS** Now for Future Cancer Therapy

Thursday, June 19

9:00 am - 5:30 pm

Friday, June 20

8:00 am - 12:45 pm

**Mission Bay
Byers Auditorium, 600 16th Street**

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Thursday, June 19th

8:30 AM	Continental Breakfast
9:00 - 9:30 AM	Welcome & Introduction
9:30 - 11:45 AM	<u>Session 1: Direct Attack on the RAS Protein</u> (Chair: Laura van 't Veer, PhD)
9:30 AM	<i>A small molecule inhibitor of K-Ras G12C</i> Kevan Shokat, PhD
10:15 AM	<i>Targeting Ras by Activating SOS-Mediated Nucleotide Exchange</i> Stephen W. Fesik, PhD
11:00 AM	<i>Considering the nuances of Ras conformational states and distinct effects of G12, G13 and Q61 mutations</i> Carla Mattos, PhD
11:45 AM - 12:45 PM	Lunch
12:45 - 3:00 PM	<u>Session 2: Disrupting RAS Signaling in the Membrane</u> (Chair: Jeroen Roose, PhD)
12:45 PM	<i>Merlin, Hippo and RAS-induced tumorigenesis</i> James A. Fagin, MD
1:30 PM	<i>Small molecule modulation of KRas localization and signalling</i> Herbert Waldmann, PhD
2:15 PM	<i>Function-based targeting of oncogenic Ras</i> Dafna Bar-Sagi, PhD
3:00 - 3:15 PM	Break
3:15 - 5:30 PM	<u>Session 3: Targets Downstream of K-RAS</u> (Chair: W. Michael Korn, MD)
3:15 PM	<i>Regulation of Raf signaling in normal and disease states</i> Deborah Morrison, PhD
4:00 PM	<i>Approaches to indirect targeting of RAS in tumors: oncogene addiction and non-oncogene addiction</i> Julian Downward, PhD
4:45 PM	<i>Cooperative regulation of tumor maintenance by the RAS-activated ERK MAP kinase and PI3'-kinase pathways</i> Martin McMahon, PhD
5:30 PM	Award Presentation
5:45 PM	Cocktail Reception at Helen Diller Family Cancer Research Building

Friday, June 20th

7:30 AM	Continental Breakfast
8:00 - 10:15 AM	<u>Session 4: RAS and NF1 in Human Cancer</u> (Chair: Ben Braun, MD, PhD)
8:00 AM	<i>In Vivo Models of Hematologic Cancers Driven by Hyperactive Ras</i> Kevin Shannon, MD
8:45 AM	<i>Investigating Intratumoral Heterogeneity in K-ras Driven Cancer Models</i> Erica Jackson, PhD
9:30 AM	<i>NF1 Loss In Non Small Cell Lung Cancer</i> Eric Collisson, MD
10:15 - 10:30 AM	Break
10:30 AM - 12:45 PM	<u>Session 5: Novel Properties of RAS</u> (Chair: Alan Ashworth, PhD)
10:30 AM	<i>Molecules go marching two by two: Ras, Raf, and beyond</i> Xiaolin Nan, PhD
11:15 AM	<i>Deciphering codon-specific RAS oncogenicity in mouse models of melanoma</i> Christin Burd, PhD
12:00 PM	<i>New ways of targeting K-RAS</i> Frank McCormick, PhD
12:45 PM	Adjourn

Session Chairs

Alan Ashworth, PhD
CEO, Institute of Cancer Research, UK
Incoming Director, Helen Diller Family Comprehensive Cancer Center, UCSF (2015)

Ben Braun, MD, PhD
Associate Professor in Residence, Department of Pediatrics, UCSF

W. Michael Korn, MD
Associate Professor in Residence, Department of Medicine, UCSF

Jeroen Roose, PhD
Assistant Professor, Department of Anatomy, UCSF

Laura van 't Veer, PhD
Professor of Laboratory Medicine; Associate Director, Applied Genomics, Helen Diller Family Comprehensive Cancer Center, UCSF