Department of Hematology and Oncology
UCSF Benioff Children's Hospitals and the Children's Hospital of Philadelphia

UCSF Benioff Children's Hospitals
Oakland | San Francisco

Children's Hospital of Philadelphia

Personalizing Pediatric Cancer Care: Innovation through Collaboration

2nd Biennial Pediatric Precision Medicine Cancer Care Summit

FRIDAY - SATURDAY

March 22-23, 2024

Grand Hyatt Hotel • San Francisco, CA

UCSF

SCAN ME

Call for Abstracts! We invite you to submit an abstract for the summit on any pediatric precision oncology topic for the poster session. Submissions due March 4, 2024 - see **https://virtualce.ucsf.edu/Pediatric-Precision-Cancer** for details

cme.ucsf.edu

UCSF

Personalizing Pediatric Cancer Care:
Innovation through Collaboration

2nd Biennial Pediatric Precision Medicine Cancer Care Summit

Continuing in the spirit of innovation through collaboration, we are pleased to invite you to the second Personalizing Pediatric Cancer Care summit, cohosted by UCSF Benioff Children's Hospitals and Children's Hospital of Philadelphia. Join us for an enlightening exploration of the latest advances in precision medicine and how they are reshaping the landscape of pediatric cancer care, research and precision-based oncology.

The inaugural summit in Philadelphia was a resounding success, and our organizations are excited to continue the tradition of alternating between the east and west coasts for this biennial event. We look forward to seeing you in San Francisco!

Join other physicians, care providers, clinical geneticists, laboratory leaders and researchers to learn about the latest developments, including:

- Hematological malignancies
- CNS malignancies
- Solid malignancies
- Cancer predisposition
- Advances in lab diagnostics and genetics
- FDA/regulatory updates
- Patient advocacy

TARGET AUDIENCE

Physicians, Nurse Practitioners, Physician Assistants, Nurses, Clinical Geneticists, PhD Researchers, Laboratory Professionals

OBJECTIVES

At the end of the summit, participants should have improved strategies to:

- Articulate the significance of recent advances in liquid biopsies, demonstrating their application in measuring minimal residual disease and early detection of relapse.
- Investigate and appraise new therapeutic opportunities for patients in the relapsed setting using next-generation sequencing panels, while critically assessing the limitations of this technology.
- Analyze and differentiate the frequency and diversity of germline alterations relevant to cancer diagnosis in children and young adults.
- Apply knowledge of germline alterations to implement precise screening practices for patients with cancer and their families.
- Evaluate and address current barriers impeding the widespread use of immunotherapy in pediatric cancer.
- Recognize and assess the emerging importance of CAR-T and other cell therapies in pediatric cancer.

ACCREDITATION

In support of improving patient care, University of California, San Francisco is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team..

Physicians: UCSF designates this live activity for a maximum of **13.50** *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Nurse Practitioners and Registered Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credit*™ issued by organizations accredited by the ACCME. This course is also available for **13.50** Nurse Contact Hours as designated by the ANCC.

Physician Assistants: The National Commission on Certification of Physician Assistants (NCCPA) states that *AMA PRA Category 1 Credits*™ are acceptable for continuing medical education requirements for recertification.

UPCOMING COURSES

17th International Conference Neonatal & Childhood Pulmonary Vascular Disease
February 29-March 2, 2024
San Francisco, California

UCSF CME Pediatric Musculoskeletal and Sports Medicine Conference
March 22-23, 2024
Oakland, California

26th Become an EPEC-Pediatrics Trainer Conference
May 1-4, 2024
San Francisco, California

56th Advances and Controversies in Clinical Pediatrics
May 29-June 1, 2024
San Francisco, California

FRIDAY, MARCH 22, 2024

7:00 am	Registration and Breakfast	
7:45	**Welcome and Overview**	Alejandro Sweet-Cordero, MD John Maris, MD
Session A: Next Generation Diagnostics		
8:00	**Cancer Gene Panel Testing in Pediatric Populations: The UCSF Experience**	Jessica Van Ziffle, PhD, FACMG
8:30	**Liquid Biopsy for Neuroblastoma**	Lea Surrey, MD
9:00	**Towards Mapping Drug Resistance Heritability in Pediatric ALL**	Charles Gawad, MD, PhD
9:30	*Coffee Break*	
9:45	**Integrated Analysis of Methylation and Transcription in Pediatric AML**	Benjamin Huang, MD
10:15	**Advances in the Molecular Pathogenesis of Pediatric Brain Tumors**	David Solomon, MD, PhD
Session B: Clinical Trials		
10:45	**Leveraging International Collaborations to Improve Outcomes in JMML**	Elliot Stieglitz, MD
11:15	**Precision Medicine for Rare Pediatric Cancers: Lessons Learned and Future Directions**	Ted Laetsch, MD
11:45	*Lunch*	
1:00 pm	**An International, Multi-disciplinary, and Multi-faceted Approach to Advancing Precision-based Care for Pediatric CNS Tumors**	Cassie Kline, MD, MAS
1:30	**Multi-pronged Precision Approaches to Target the ALK Oncoprotein**	Yael Mossé, MD
2:00	**Biopharma Approaches to Targeted Drug Therapy Development in Pediatric Oncology**	Mark Kieran, MD, PhD
2:30	*Coffee Break*	
Session C: Non-Catalytic Oncogenic Targeting		
2:45	**Targeting Oncogenic N-myc Complexes in High-risk Pediatric Neural Tumors**	Bo Qiu, MD, PhD
3:15	**Targeting Translational Control of PAX3-FOXO1**	Amit J. Sabnis, MD
3:45	**Targeted Protein Degradation of Pediatric Oncoproteins: Strategies and Progress**	Gwenn Hansen, PhD
4:15	*Coffee Break*	
4:30	**Understanding the Pathogenesis and Developing Therapeutics for Fibrolamellar Carcinoma**	Sanford M. Simon, PhD
5:00	**Pax3: Foxo1 Targeting Genetically and via Multiple Pharmacological Approaches for Clinical Investigation**	Charles Keller, MD
5:30 pm	*Adjourn*	
5:45 pm	*Reception and Poster Session*	

SATURDAY, MARCH 23, 2024

7:00 am	*Breakfast*	
Session D: Cancer Predisposition		
8:00	**Replication Repair Deficiency in Brain Tumors: Linking Causes with Therapy**	Uri Tabori, MD
8:30	**Targeted Therapies for Neurofibromatosis Associated Tumors: a Genomic Medicine Footprint**	Alyssa T. Reddy, MD
9:00	**The Diagnosis and Long-term Care of Children with a Hereditary Predisposition to Cancer**	Nicola Cadenas, MD
9:30	*Coffee Break*	
9:45	**Unraveling the Genetic Basis of Neuroblastoma: Recent Findings, Future Directions, and Translational Opportunities**	Sharon Diskin, PhD
10:15	**Risk Stratification to Personalize Therapy for Neurofibromatosis Type 1 – Associated Tumors**	Chelsea Kotch, MD MSCE
10:45	*Coffee Break*	
Session E: Immunotherapies		
11:00	**Targeting Intracellular Proteins through MHC 1 for Cancer Applications**	Charles Craik, MD
11:30	**Novel Strategies of Targeting Tumor Antigens in Adult and Pediatric Glioma**	Hideho Okada, MD, PhD
12:00 pm	**Proteomic Strategies to Uncover Cellular Therapy Targets for Refractory Pediatric Hematologic Malignancies**	Arun Wiita, MD
12:30	*Lunch*	
1:45	**Developing GPC2-directed Immunotherapies for Pediatric Cancers**	Kristopher Bosse, MD
2:15	**CAR T Cell Therapy for CNS Malignancies**	Jessica Foster, MD
2:45	**Leveraging Real-world Data to Advance Immunotherapy Outcomes**	Liora Schultz, MD
3:15	**Closing Remarks**	Alejandro Sweet-Cordero, MD John Maris, MD
3:30 pm	*Adjourn*	

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GENERAL INFORMATION

Advance registration closes two (2) business days prior to start of course. Onsite registration fees will be applied after this date.

HOW TO ENROLL

Tuition*:

$550	Physicians
$400	Nurses/Advanced Practice Professionals/Geneticists
$150	Residents/Fellows

* On-site registration will be $100 additional.

GREENER MEETING

We're saving paper! The syllabus will be available electronically one week prior to the course.

REGISTER VIA

Online: **cme.ucsf.edu**

Mail: Complete course registration form and send with payment to:
UCSF Office of Continuing Medical Education
490 Illinois Street, Floor 8
San Francisco, CA 94143

Phone: To register by phone or to inquire about registration status, please call UCSF's CME Registration Office at (415) 476-5808.

CONFERENCE LOCATION

We invite you to visit San Francisco, "the City by the Bay," and discover why it's a top travel destination worldwide. With stunning views of the Golden Gate Bridge, world-renowned restaurants, eclectic architecture and walkable streets, San Francisco offers something for everyone. During your stay, don't miss Fisherman's Wharf, Nob Hill, Chinatown, and the Ferry Building Farmers Market. Hop on a cable car or stroll through unique neighborhoods brimming with coffeehouses, art, music and culture.

Now you can experience downtown San Francisco from the luxury **Grand Hyatt Union Square Hotel**. The hotel welcomes you with a sophisticated elegance and refined modern style. Located in the heart of the city on Union Square, immerse yourself in the premier shopping, Michelin star dining and entertainment center of downtown San Francisco. Then retreat to your room where you can unwind and enjoy the spectacular views of the City by the Bay.

A block of guestrooms has been reserved at the special UCSF conference rate of **$260.00/night**. You are urged to make your reservations early. The cutoff date is **February 29, 2024**, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations on-line, **visit http://tinyurl.com/precisioncx** (If needed, the group code is G-UCPP). If you prefer to telephone in your reservation, call (+1) 415-398-1234, please identify yourself as a member of this UCSF conference or use the group code above to receive the special rate.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

AIR TRANSPORTATION

UCSF has negotiated special fares with airlines and car rental agencies. Please visit the TRAVEL AND LODGING section on the course webpage at **cme.ucsf.edu** for more information and discount codes.

general info

About the UCSF Children's Center for Cancer, Blood Disorders and Cellular Therapies
UCSF Benioff Children's Hospitals is a world leader in pediatric cancer research and treatment. Located in Oakland, San Francisco, and Walnut Creek, California, our Pediatric Cancer program offers a full range of treatments and services, including early phase clinical trials, cancer genetics and prevention, pain management, palliative care, integrative medicine and survivorship programs. Our physicians are leaders in national groups focused on pediatric cancer research, and our research-focused genomic laboratory explores genes and genetic pathways relevant to tumor development and therapeutic responses. Additionally, our Pediatric Precision Cancer Medicine Program uses the UCSF500 Cancer Gene Panel, a unique gene sequencing tool identifying mutations and alterations in more than 500 genes linked to childhood cancer, enabling precise diagnosis and personalized treatment.

To learn more, or refer a patient, visit **ucsfbenioffchildrens.org/cancer**

About Children's Hospital of Philadelphia and Center for Precision Medicine for High-Risk Pediatric Cancer At Children's Hospital of Philadelphia (CHOP), our relentless drive to innovate has made us a research powerhouse and a leader in cancer care for children.

We have one of the largest pediatric cancer centers in the world, with a history of the highest level of clinical care and groundbreaking discoveries that have advanced the field of pediatric oncology. The Cancer Center at CHOP evaluates and treats more than 5,600 cancer patients per year, offering children access to the newest options in treatment — including 400 active clinical trials, the most of any U.S. pediatric hospital.

We are uniquely positioned to care for children with every type of cancer, and few institutions can match our expertise in rare, complex and relapsed cancers. A world leader in tumor sequencing, our Center for **Precision Medicine for High-Risk Pediatric Cancer** profiles a patient's cancer to identify unique vulnerabilities and therapeutic markers to develop individualized treatment plans.

To learn more, or refer a patient, visit **https://www.chop.edu/centers-programs/cancer-center**

University of California, San Francisco • **Office of CME**
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For more information or to register online visit our website at **cme.ucsf.edu**
You may also reach us by calling the Office of CME at (415) 476-4251 or emailing info@ocme.ucsf.edu.

COURSE CHAIRS

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Associate Professor of Laboratory Medicine, University of California, San Francisco

faculty

COURSE REGISTRATION FORM • **MMJ24049**

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Mail to : UCSF Office of CME, Box 0742
490 Illinois Street, Floor 8
San Francisco, CA 94143

Online registration: **cme.ucsf.edu**
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs. ☐ Mx.

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♿ Please indicate if you have any special needs:_____

Would you like to be on our priority email list? ☐ Yes ☐ No

Registration Fees:
☐ **$550** Physicians
☐ **$400** Nurses/Advanced Practice Professionals/Geneticists
☐ **$150** Residents/Fellows

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Refund Policy: Cancellations received in writing before **March 21, 2024** will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date.

Please check our website for up-to-date information on the course: **cme.ucsf.edu**

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