



UC SAN DIEGO MOORES CANCER CENTER

# 20th ANNUAL INDUSTRY/ACADEMIA PRECISION ONCOLOGY SYMPOSIUM

MARCH 21, 2024 | 8AM - 6PM | THE ALEXANDRIA AT TORREY PINES

- 8:10-8:30 **Opening Remarks**
- 8:10 **Ida Deichaite, PhD**, Organizer, Moores Cancer Center, Radiation Medicine & Applied Sciences, UC San Diego
- 8:15 **John M. Carethers, MD**, Vice Chancellor for Health Sciences, UC San Diego
- 8:20 **Joseph Califano III, MD**, Director, Moores Cancer Center, UC San Diego
- 8:30-9:55 **Session I: Cancer Immunology**
- Chair: **Fotis Asimakopoulos, MB BChir, PhD**, Moores Cancer Center, UC San Diego
- 8:30 **Immune Suppressive Myeloid Cells in Regulation of Tumor Progression**  
**Dmitry Gabrilovich, MD, PhD**, AstraZeneca
- 8:45 **Myeloid Cells as Targets for Immune Therapy**  
**Judith Varner, PhD**, Moores Cancer Center, UC San Diego
- 9:00 **Ubamatumab (MUC16xCD3 Bispecific Antibody): Phase 1 Clinical and Biomarker Results**  
**Teresa Ramirez Montagut, MD, PhD**, Regeneron
- 9:15 **Strategies to Induce Tertiary Lymphoid Formation in Ovarian Cancer**  
**David Schlaepfer, PhD**, Moores Cancer Center, UC San Diego
- 9:30 **The PREDAPT Clinical Trial: Recent success in predicting the 25% of cancer patients benefitting from immunotherapy**  
**Jarret Glasscock, PhD**, Cofactor Genomics
- 9:35 **Q&A and Discussion**
- 9:55-10:15 **Break**
- 10:15-11:05 **Session II: Cell and Gene Therapies**
- Chair: **Dan Kaufman, MD, PhD**, UC San Diego
- 10:15 **Duane Roth Achievement Award**  
**Duane Roth Achievement Award Presentation**  
Award Recipient **Laura Shawver, PhD**, Capstan Therapeutics  
Award Presented by **San Diego Mayor Todd Gloria**
- 10:25 **Duane Roth Achievement Award Lecture**  
**COVID Vaccine Meets CAR-T**  
**Laura Shawver, PhD**, Capstan Therapeutics
- 10:40 **Approaching the Allogeneic Tipping Point: P-BCMA-ALLO1 in Multiple Myeloma**  
**Kristin Yarema, PhD**, Poseida Therapeutics
- 10:55 **Q&A and Discussion**
- 11:05 **Lilly Gateway Labs: a novel incubator model in support of the biotech ecosystem**  
**Aliza Apple, PhD**, Lilly Gateway Labs West Coast
- 11:15-12:15 **Session III: Progress and challenges for targeting RNA in Oncology**
- Chair: **Dominique Verhelle, PhD, MBA**, NextRNA Therapeutics
- 11:15 **RNA Binding Protein Networks in Cancer**  
**Gene Yeo, PhD, MBA**, IGM, Moores Cancer Center, UC San Diego
- 11:25 **Targeting RNA-processing Vulnerabilities in Pancreatic Cancer**  
**Corina Antal, PhD**, Moores Cancer Center, UC San Diego
- 11:35 **Unlocking the Potential of Long Non-Coding RNA to Develop Transformative Medicines**  
**Dominique Verhelle, PhD, MBA**, NextRNA Therapeutics
- 11:45 **Modulating RNA Processing to Drug Oncogenic Transcription Factors**  
**Peter Smith, PhD**, Remix Therapeutics
- 11:55 **Q&A and Discussion**



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12:15-1:40 Lunch & Poster Session

1:40-2:40 **Session IV: Solid Tumors**

Chair: **Jason Sicklick, MD, FACS**, Moores Cancer Center, UC San Diego

1:40 *Targeting PLK-1 in RAS mutated mCRC*

**Fairooz Kabbinavar, MD, FACP**, Cardiff Oncology

1:55 *Unraveling Pancreatic Cancer and its Microenvironment: Emerging Therapeutics and Discovery Opportunities*

**Jacob Haling, PhD**, Novartis Biomedical Research

2:10 *An Ex-vivo Organotypic Culture Platform of Mucinous Carcinomatosis Peritonei Identifies CDK4/6 Inhibition as a Novel Treatment*

**Jonathan Weitz, PhD**, Moores Cancer Center, UC San Diego

2:25 *Q&A and Discussion*

2:40-3:00 **Featured Lecture**

*NanoEngineering Gone Viral: Plant Viruses Against Cancer*

**Nicole Steinmetz, PhD**, Center for Engineering in Cancer, Moores Cancer Center, San Diego Center for Precision Immunotherapy, Center for Drug Discovery & Innovation, UC San Diego

3:00-3:20 Break

3:20-3:30 **Patient Advocacy Presentation**

**Brian McCloskey**, Patient Advocate, Cancer Patient Lab

3:30-4:30 **Session V: Genomics and Cancer**

Chair: **Jill Mesirov, PhD**, UC San Diego

3:30 *Microbiome in Cancer Analysis and Treatment*

**Rob Knight, PhD**, UC San Diego, Rady Children's Hospital

3:45 *Early Breast Cancer Detection with a Blood Test: Consequences for Therapeutic Development*

**Peter Kuhn, PhD**, USC

4:00 *Development of a novel extrachromosomal DNA (ecDNA) diagnostic to support clinical development of ecDNA targeting therapeutics*

**Peter Krein, PhD**, Boundless Bio

4:15 *Q&A and Discussion*

4:30-5:15 **Panel Session: Precision Oncology - Challenges and Opportunities**

Moderator: **Hunter Reed, MBA**, Alexandria Real Estate Equities, Alexandria Venture Investments

4:30 *Panel Discussion*

**Ezra Cohen, MD**, Tempus AI

**Mike Pellini, MD**, Section 32

5:00 *Q&A*

5:15 Networking Reception & Poster Session

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Symposium Speakers

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Duane Roth Achievement Award