LA BIOSCIENCE ECOSYSTEM SUMMIT TWENTY24™ UCLA

AGENDA

UCLA TECHNOLOGY DEVELOPMENT GROUP

SCHEDULE AS OF MAY 9, 2024

= Keynote Speaker = Speaker = Panel Discussion

MONDAY, MAY 20 • PRE-EVENT

Open to all Registered Attendees

Separately Ticketed Event

2:00 PM – 8:00 PM — **UCLA Campus Ackerman Union Ballroom**

Nucleate Final Pitch Showcase

8 PhD teams from area universities present their startups

TUESDAY, MAY 21 • PRE-EVENT

9:00 AM – 1:30 PM — **Roundtrip Bus Tour from UCLA-Pasadena-UCLA**

Pasadena Ecosystem Tour

Open to LABEST VIPs Only

39 spots

Xencor Caltech based public biotech

Caltech Famous Higher Ed Campus - what "Big Bang Theory" TV show is loosely based on

Protomer Technologies A wholly owned subsidiary of Eli Lilly

101 South Marengo an example of re-purposed space for bioscience

HMRI – Huntington Medical Research Institute – emerging leader in biotech and lifescience ecosystem

Doheny Eye Institute – Leader in Human Eyesight

Sponsored by JLL

1:00 PM – 7:30 PM — **Skirball Cultural Center**

First Look SoCal Innovation Showcase 2024

Open to all Registered Attendees

Separately Ticketed Event

Alliance for SoCal Innovation

24 startup teams pitch

Keynote Address

Keith Strier, Vice President, Worldwide AI Initiatives, NVIDIA

Continuous complimentary shuttle loop from UCLA to venue

Sponsored by Yuyu Pharma

WEDNESDAY, MAY 22 • VIP PRE-EVENT

Open to LABEST VIPs Only

8:00 AM - Noon — **UCLA Campus**

UCLA Lab Tours

- Advanced Robotic Micro Surgery (ARMS)
- BRAIN
- CNSI
- REED LAB | IMMUNOLOGICAL MECHANISMS
- UCLA Theranostics Center
- W. M. Keck Center for Neurophysics at UCLA

9:30AM — **Roundtrip Bus Tour from UCLA-Torrance -UCLA**

TLI's Innovation Spotlight & BioLabsLA Tour

Please join The Lundquist Institute for a morning of 5 start-up pitches and a tour of the BioLabsLA incubator.

The Lundquist Institute has more than 120 principal investigators and 400 researchers in total working on 600 research studies

BioLabs LA at The Lundquist Institute now houses 30 start-up bioscience companies

Bonus stop: King's Hawaiian, a uniquely Aloha Experience by serving irresistible baked goods and Hawaiian foods.

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Wednesday, May 22 Continued

Noon — Campus and Westwood Restaurant

Lunch on Your Own

UCLA Ackerman Student Union Eateries

Westwood Village Dining

☆ Staff Picks

1:30 PM — Luskin Conference Center Legacy AB, 2nd Floor, South Wing

Gateway to Drug Development Collaboration

Open to LABEST VIPs Only

Panelists:

Mike Jung, Professor, Chemistry and Biochemistry, UCLA

Stuart Conway, Michael and Alice Jung Endowed Chair of Medicinal Chemistry and Drug Discovery, UCLA

2:00 PM — Luskin Conference Center Legacy AB, 2nd Floor, South Wing

Exciting Progress & Innovative Advancements in Ophthalmology

Moderated by **Abla Creasey**, Vice President of Therapeutics Development, CIRM

Panelists:

Dennis O. Clegg, Wilcox Family Chair in Biomedicine, Co-Director, Center for Stem Cell Biology and Engineering, Professor, Department of Molecular, Cellular and Developmental Biology, UCSB

Peter Francis, Chief Scientific & Chief Medical Officer, Ray Therapeutics

Kristin Macdonald, Retinitis Pigmentosa Patient Advocate

Douglas Tsao, Managing Director, H.C. Wainwright & Co LLC

Aya Barzelay Wollman, Health Science Clinical Instructor Retina division, UCLA Stein Eye Institute

3:00 PM

Networking Break

3:15 PM — Legacy AB, 2nd Floor, South Wing

New Payment Models for Ultra Rare Diseases

Panelists:

Paul Ayoub, CEO, Rarity PBC

Abla Creasey, Vice President, Therapeutics Development, California Institute for Regenerative Medicine (CIRM)

Nasha Fitter, Co-founder/CEO, FOXG1 Research Foundation and Co-founder/CBO, Citizen, Patient Advocate for Amara

Michael Meyers, Vice Chairman, Head of M&A and Strategic Advisory Services, H.C. Wainwright & Co., LLC

3:45 PM — Legacy AB, 2nd Floor, South Wing

Pushing the Envelope to Reverse Fibrosis with Novel Technologies

Panelists:

Dino Di Carlo, Armond and Elena Hairapetian Chair in Engineering and Medicine, UCLA

Brigitte Gomperts, Associate Director of Translational Research, UCLA Broad Stem Cell Research Center

Thomas Rando, Director UCLA Broad Stem Cell Research Center

Matthew James Thomas, Head of Immunology & Respiratory Diseases Research, Boehringer Ingelheim

4:30 PM – 6:30 PM — Centennial Terrace, 3rd Floor

VIP Reception

4:30 PM

Pearl Cohen Poster Award Announcement

Mark Cohen, Partner, Chair of the Life Sciences Practice Group, Pearl Cohen Zedek Latzer Baratz, LLP

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THURSDAY, MAY 23 • LABEST 2024 MAIN EVENT
LUSKIN CONFERENCE CENTER

Open to all Registered Attendees

7:30 AM — Main Entrance

Registration Check-In & Breakfast

8:20 AM — Centennial Ballroom

Emcee: Judy Fortin, Chief of Communications, UCLA Health and DGSOM

Robert Bradway, CEO, Amgen

Mark Wisniewski, Senior Director, Bio Pharmaceuticals UCLA Technology Development Group

Ray Deshaies, Senior Vice President Global Research, Amgen

Amir Naiberg, AVC, CEO & President, UCLA TDG

California Institute for Immunology and Immunotherapy at UCLA Research Park

Founders: **Arie Belldegrun, Eric Esrailian, Gary Michelson** with **Owen Witte**, UCLA Presidential Chair and Developmental Immunology

Michele LeSueur, Vice President of Global Portfolio and Program Strategy, Kite, a Gilead Company

Christopher Viehbacher CEO, Biogen

Johnathan Thomas, Interim President & CEO, CIRM

Arie Belldegrun, Chairman, Bellco Capital

Welcome from our Innovator Sponsors

Ray Deshaies, Senior Vice President Global Research, Amgen

Michele LeSueur, Vice President of Global Portfolio and Program Strategy, Kite, a Gilead Company

Jonathan Thomas, Interim President & CEO, CIRM

Meet the Experts in Drug Development

Moderated by **Arie Belldegrun**, CEO, Bellco Capital

Panelists:

James Bradner, Executive Vice President R&D and CSO, Amgen

Jane Grogan, Executive Vice President and Head of Research, Biogen

Priti Hegde, Senior Vice President and Global Head of Research, Kite, a Gilead Company

Zachary Roberts, Executive Vice President of R&D, Allogene

Kanti Thirumoorthy, CTO (T-cell Therapy), AstraZeneca

11:30AM — Centennial Terrace, 3rd Floor

12:10 PM

12:50 PM

Lunch on the Terrace

3 lunch seatings, each lasting no more than 40 minutes

- Ushers will scan your badge to ensure that you attend the Lunch you signed up for at registration
- When the chimes ring, your lunch has ended
- Please be courteous to your fellow hungry attendees

1:30 PM — Centennial Ballroom AB

Made in LA: Case Studies in Bio Success

Moderated by **Amir Naiberg**, AVC, CEO and President, UCLA Technology Development Group

Hear why several startups call the "City of Angels" their home

Panelists:

Mark Alles, CEO, TORL BioTherapeutics

Martha Lawrence, Co-Founder, AccendoWave

Sumant Ramachandra, CEO, ImmPACT Bio

James Robinson, CEO, A2 Biotherapeutics

Schedule and Speakers subject to change.

Thursday, May 23 Continued

2:30 PM - 5:30 PM — **Centennial Ballroom CD**

LABEST Research Pavilion A MUST SEE!

Featuring therapeutic and diagnostic innovations from over 35 presenters across the Los Angeles academic landscape.

3:00 PM — **Centennial Ballroom AB**

The Latest Trends in Venture Capital Investing

Moderated by **Josh Green**, Chairman Emeritus, National Venture Capital Association

A stellar panel of VCs provide valuable insight

Panelists:

Mira Chaurushiya, Managing Director, Westlake Bio

Sahil Chopra, Principal, Vertex Ventures HC

Jakob Dupont, Executive Partner, Sofinnova Investment

Stacy Feld, Regional Head, West North America, J&J Innovation

4:00 PM — **Centennial Ballroom AB**

Women's Health: Innovative Research Models in Science and Medicine

Moderated by **Janet Pregler**, Director, Iris Cantor, UCLA Women's Health Center, Iris Cantor Endowed Chair in Women's Health

Introduction: The White House Initiative on Women's Health & Outlook for NIH Support for Sex & Gender Research

Andrea Hevener, Director of Basic Science Research, Iris Cantor, UCLA Women's Health Center, Sidney Roberts & Clara Szego Endowed Professor of Molecular/Cellular Endocrinology.

Chip Technology to Prevent Maternal Death

Yalda Afshar, Assistant Professor of Obstetrics and Gynecology, Maternal Fetal Medicine

Stem Cell Approaches to Infertility, Ovarian Disease, Dysfunction, and Aging

Amander Clark, Professor of Molecular Cell and Developmental Biology, Director, UCLA Center for Reproductive Science, Health and Education (CRSHE)

The Four Core Genotype Approach to Understand Estrogen/Testosterone and XX/XY Contributions to Sex Differences in Health and Disease

Karen Reue, Professor of Human Genetics, Director, UCLA NIH Scientific Center of Research Excellence on Sex Differences in Metabolic Syndrome

Heart Disease in Women

Karol Watson, John Mazziotta Chair in Medicine, Director, UCLA-Barbara Streisand Women's Heart Health Program

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12:30 PM - 5:30 PM

LABEST Showcases

A deep dive into various topics

12:20 PM - 1:30 PM — **Illumination, 2nd Floor, South Wing**

The State of the Region: Biosciences in LA

Moderated by **Rohit Shukla**, CEO, Larta Institute

In this follow-up panel discussion, both returning panelists from LABEST 23 and new guests will report on developments in their work and observations on the state of the biosciences in the region.

Hosted by Larta Institute and The Lundquist Institute

Panelists:

Lindsay Bourgeois, Director of Business Operations & Strategy Director, BioLabs LA at the Lundquist Institute

Stephen Cheung, CEO, LAEDC

Fran Fulton, Economic Development Manager, City of Torrance

Teresa Garcia, Senior Project Manager, City of Pasadena

Kelly LoBianco, Director, Department of Economic Opportunity, County of Los Angeles

Howard Xu, Director, Incubator Development and Planning, Professor of Microbiology, LABiospace, California State University, Los Angeles

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Thursday, May 23 Continued

1:30 PM - 2:40 PM — **Legacy AB, 2nd Floor, South Wing**

Biomanufacturing

Welcome: Shyam Patel, Senior Director of Business Development and Alliance Management, CIRM

Showcase Keynote

Louis van de Wiel, Vice President, Head of Global Supply Chain, Kite, a Gilead Company

UCLA Good Manufacturing Practices - Past and Future

Sujna Raval-Fernandes, Director, Human Gene and Cell Therapy, UCLA GMP Facility

Bridging Innovation: Constructing the Future of Bioscience Manufacturing

Marcella Ayala, National Director of Life Sciences, Swinerton

2:40 PM - 3:30 PM — **Legacy AB, 2nd Floor, South Wing**

Academic-Industry Collaborations that Advance Manufacturing Workforce Training and Technology Development

Moderated by **Shyam Patel**, Senior Director of Business Development and Alliance Management, CIRM

Hosted by CIRM and NIIMBL Biomanufacturing Consortium

Panelists:

Mohamed Abou-el-Enein, Executive Director, USC/CHLA Cell Therapy Program, USC
Taby Ahsan, Vice President, Cell and Gene Therapy Operations, City of Hope
Chander Arora, Biotech Program Director, Life Sciences Department, Los Angeles Mission College
Dan St Peter, Head of Manufacturing, ImmPACT Bio
Dhruv Sareen, Executive Director, Cedars-Sinai Biomanufacturing Center

Artistry Room, 2nd Floor, South Wing

Hot Topic: Metabolism

1:30 PM - 2:15 PM

Immunometabolism as a drug target: Current gaps in knowledge and technology, and emerging solutions.

2:30 PM - 3:15 PM

Weight loss treatments and their complications: Current gaps in knowledge and technology, and emerging solutions.

3:50 PM - 4:35 PM

Healthy aging and neurodegenerative diseases: Current gaps in knowledge and technology, and emerging solutions.

- **Orian Shirihai**, Professor, Molecular and Medical Pharmacology, UCLA
- **Ellen Hubman**, Board Of Directors, Reunion Neuroscience Inc.
- **Alborz Mahdavi**, VP Eli Lilly and CEO, Protomer Technologies
- **Guy Rosenthal**, Vice President, Head of Corporate and Business Development, Laekna
- **Tari Suprapto**, Director, Search & Evaluation (Western USA and Canada), Novo Nordisk
- **Douglas Tsao**, Managing Director, H.C. Wainwright
- **Christina Weng**, Chief Medical Officer, Pelage

1:00 PM - 2:00 PM — **Optimist AB, 2nd Floor, North Wing**

Hot Topic : Neuroscience

Basic Neuroscience with Clinical Translation Potential

- **Rhonda Voskuhl**, Professor, UCLA Dept. of Neurology; Director, UCLA Multiple Sclerosis Program; Faculty Neurologist, UCLA Comprehensive Menopause Care Program; Jack H. Skirball Chair
- **Lindsay M. De Biase**, Assistant Professor, Department of Physiology; David Geffen School of Medicine at UCLA
- **Jason Hinman**, Associate Professor & Vice Chair of Research, UCLA Department of Neurology; Stroke Program Director, WLA VA Medical Center

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Thursday, May 23 Continued

	Laureate Room, 1st Floor, South	**Learning Lounge** hosted by King and Spalding Check LABEST app for speaker announcements.
1:00 PM - 2:00 PM		**Applying for Government Incentives and Grants for Startups**
2:15 PM - 3:15 PM		**How to Connect with Venture Capital and Family Offices**
4:15 PM - 5:15 PM		**What Every Start-Up Needs to Know about Patent Protection and FDA Approval**
	Exploration and Corridor, 2nd Floor, North Wing	PEARL COHEN **Pearl Cohen Poster Displays** Over 50 Scientific Posters on display from the best and the brightest
5:30 PM - 7:30 PM	Centennial Terrace, 3rd Floor	**LABEST 2024 Closing Reception** Celebrate LABEST 2024 with complimentary appetizers and drinks. Enjoy the UCLA Jazz Band!

Sponsor Exhibit Booths

Pre-Function Area, 1st Floor

- A2 BIOTHERAPEUTICS
- AMGEN
- BIOCOM
- BIOLABS
- BREAKTHROUGH PROPERTIES
- CHARLES RIVER LABS
- CIRM
- ImmPACT BIO
- JOHNSON & JOHNSON INNOVATION
- KITE, A GILEAD COMPANY
- LARTA
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- PEARL COHEN
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LABEST Research Pavilion

2:30 PM
to
5:30 PM

Centennial Ballroom CD, 1st Floor

Interventional Cardiovascular Anesthesiology

Interventional Cardiovascular Imaging

Interventional Pulmonology

Interventional Heart Failure & Transplantation

Interventional Neuroradiology

Interventional Radiology

Interventional Gastroenterology

Interventional Congenital Adult Heart Disease

Interventional Oncology

Interventional Vascular Surgery

Interventional Cardiac Surgery

Interventional Neurocardiology

Interventional Radiation Oncology

AI Driven Advanced Imaging for Patients with Solid Organ Tumors

Broad Stem Cell Research Center at UCLA

Cal State Los Angeles

Cedars Sinai/Precision Biomarker Lab

Food is Medicine, Precision Nutrition, Individual Metabolic Phenotype & Dietary Quality

Innate-Adaptive Immunoregulation in Liver Transplant Ischemia/ Reperfusion Injury

Multiscale Innovations in Male Reproductive and Sexual Medicine

Novel Diagnostics for Infectious Disease Testing

PEERS for Careers: A Program within UCLA College to Career (C2C) & UCLA Center for Autism Research and Treatment (CART)

Principles of Chromatin Biology and Investigating the Causes of Cardiovascular Disease

Role of HLA and its Coreceptors in Endothelial Cell Activation and Leukocyte Recruitment in Antibody-mediated Transplant Rejection

SMART (Single Cell, Multiplex, AI-driving, Real-Time) Diagnostic Platform for the Next Generation Diagnostic Service for Cancer and Various Diseases

Software That Enables Precision Recommendation of Treatment Choices for Patients, Based on Their Clinical Characteristics and Preferences for Outcomes

Studies on the Pathogenesis of Kidney Stones Using Multidisciplinary Techniques and in Collaboration with Experts in Fields Ranging from Microbiology to Geology

Surgi-Zipper: A Bio-Absorbable SutureReinforcement Designed for Dynamic Organs

Systems Epigenomics of Persistent Bloodstream Infections for MRSA, Candida and Covid-19

Systems Immunology to Assess Host Immunity to Viral Pathogens

Therapy Response Prediction through Nuclear Histomorphometric Image Analysis

UCLA Center for Autism Research and Treatment (CART) & PEERS for Careers: A Program within UCLA College to Career

UCLA Theranostics Center

USC Stevens Center/MESH

Utilization of MRI, Machine Learning and High-Resolution Ultrasound to Optimize Cancer Diagnosis and Change the Way Men are Diagnosed With Prostate Cancer

VA Greater Los Angeles Nephrology Research: Kidney Disease and Dialysis/ Transplantation Outcomes

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