

# Caltech/UCLA T32 iTEAM Program Symposium

March 21, 2022 at Caltech, Pasadena

<b>Time</b>	<b>Presentation</b>
8:00 AM	Introduction of the trainees and their mentors
8:30 AM	<b>Functional Photoacoustic Tomography of the Human Brain</b>  Lihong Wang, PhD Bren Professor of Medical Engineering and Electrical Engineering, Caltech Email: LVWcaltech.edu Lab website: <a href="http://coilab.caltech.edu/">http://coilab.caltech.edu/</a>
9:00 AM	<b>Advanced Materials for Medical Devices</b>  Chiara Daraio, PhD G. Bradford Jones Professor of Department of Mechanical and Civil Engineering & Applied Physics, Caltech Email: daraio@caltech.edu Lab website: <a href="http://www.daraio.caltech.edu/">http://www.daraio.caltech.edu/</a>
9:30 AM	Trainees /Mentors Networking
10:00 AM	<b>Microenvironmental Regulation of Blood Vessel Differentiation and Assembly</b>  Sharon Gerecht, PhD Professor of Biomedical Engineering, Duke University Email: sharon.gerecht@duke.edu Lab website: <a href="https://gerechtlab.duke.edu/">https://gerechtlab.duke.edu/</a>
10:30 AM	Q & A and Discussion
11:00 AM	<b>Deep Learning-enabled Microscopy &amp; Sensing</b>  Aydogan Ozcan, PhD Chancellor's Professor of Electrical and Computer Engineering, UCLA Email: ozcan@ee.ucla.edu Lab website: <a href="https://innovate.ee.ucla.edu/welcome.html">https://innovate.ee.ucla.edu/welcome.html</a>
11:30 AM	<hr/> Lili Yang, PhD Associate Professor for the Department of Microbiology, Immunology & Molecular Genetics (MIMG), UCLA Email: liliyang@ucla.edu Lab website: <a href="https://www.liliyanglab.com/">https://www.liliyanglab.com/</a>
12:00 PM	Lunch provided

1:00 PM **Machine Learning for Biobank data**

Sriram Sankararaman, PhD  
Associate professor of Computer Science, Human Genetics, and Computational Medicine, UCLA  
Email: [sriram@cs.ucla.edu](mailto:sriram@cs.ucla.edu)  
Lab website: <https://sriramlab.dgsom.ucla.edu/pages/>

1:30 PM **How to investigate genetics of non-alcoholic fatty liver disease?**

Paivi Pajukanta, MD, PhD  
Director of Genetics & Genomics Home Area of Graduate Education  
Professor of Human Genetics, UCLA  
Email: [ppajukanta@mednet.ucla.edu](mailto:ppajukanta@mednet.ucla.edu)  
Lab website: <https://medschool.ucla.edu/human-genetics>

2:00 PM Lab Tours

2:00 PM to 2:20 PM – Dr. Lihong Wang, Caltech Optical Imaging Lab

2:20 PM to 2:40 PM – Dr. Wei Gao

2:40 PM to 3:00 PM – Dr. Chiara Dario

3:00 PM Departing



**Caltech Annenberg Auditorium. (A)** Group photo (from left to right): Adrian Arrieta (UCLA scholar), Tom Vodriska (UCLA mentor), Ellen O'Connor (UCLA scholar), CJ Kim (UCLA mentor), Ryan Guan (UCLA scholar), Daniel Shokraki (Caltech Scholar), Elham Davoodi (Caltech scholar), Wei Gao (Caltech mentor), and Jun Chen (UCLA mentor). **(B)** The Audience from both Caltech and UCLA.