

# 美東華人學術聯誼會

*Chinese American Academic & Professional Society (CAAPS)*

website: [www.caaps.us](http://www.caaps.us) <https://www.facebook.com/caaps.us>

## **2021BioMedical Technology Virtual Conference**

**Hosted by CAAPS**

**Co-hosted by Phi Tau Phi East America Chapter & HAKKA Association of NY**

**Date & Time: May 29, 2021, Saturday, 1:00 ~ 3:30PM**

### **Welcome Remarks**

**Chair Ping-Tsai Chung, Ph.D. & President George Chang, Ph.D.**

MC: Sarah Chung, NYU Langone Health

### **Honorable Guest Greetings**

Dr. Jonathan Shieh

Executive Director, Science and Technology Division

Taipei Economic and Cultural Office in Boston

### **1. Topical Lectures:**

**Lecture 1: New approaches in healthcare information technologies**

**Prof. Yalini Senathirajah, Ph.D.**, the department of biomedical informatics at University of Pittsburgh School of Medicine

**Lecture 2: Major Breakthrough in Cancer Immunotherapies**

**Dr. Hsiou-Chi Liou Ph.D. CFA**, co-founder and CIO of ImmuneTarget

### **2. Panel Discussions (3:00 PM– 3:30PM)**

Prof. Yue J. Lin, St'John's University

Prof. Jenghwa Chang, Hofstra University/Northwell Health

Prof. Shiao-ching Gong, Weill Cornell Medical College

### **Abstract and Speaker Biography**

#### **New Approaches in Healthcare Information Technologies**

Biomedical informatics is the study of the proper use of information and information technologies in healthcare. Health IT has great capability to make improvements, but also has posed many problems in the design of electronic health records, so that

physicians and others are becoming burned out. We do research on a different approach which makes the information systems into flexible evolvable platforms which can be rapidly changed by clinicians; this is useful in many different situations including pandemics. It can also improve healthcare workers efficiency, cognitive processes, discoveries, aid innovation overall. We will cover this and other new approaches in the field, and discuss some of the opportunities and challenges for innovation and collaboration in informatics today.



**Dr. Yalini Senathirajah is Associate Professor in the department of biomedical informatics at University of Pittsburgh School of Medicine**, where she does research in new approaches to electronic health record design, and patient-facing healthcare technology interventions. She is the developer of MedWISER, a novel platform which gives medical personnel much more control of the record. Her previous work includes research, technology development, and teaching at Northwell Health, Columbia University Health Sciences campus, Harlem Health Promotion Center, and Downstate Health Sciences University in Brooklyn. Her interests include using technology for equity, and global health. **She holds a PhD in Biomedical Informatics from Columbia University, an AB in biology (with East Asian studies minor) from Harvard University, and studied at Ontario Veterinary College.**

## **Major Breakthrough in Cancer Immunotherapies**

Cancer remains one of the major disease burdens to society. Despite various treatment options, many patients will eventually relapse or develop drug resistance. Nonetheless, recent advances in immunotherapies have prolonged patients' lives to the extent that some patients are considered “cured”. This presentation will start with the origin of cancer, the discovery of immune checkpoint inhibitors, new treatment paradigm by empowering the immune system, the development of cancer immunotherapies, novel cancer targets, and future trends in combination therapies.



**Dr. Hsiou-Chi Liou Ph.D., CFA** has been an **Investment Advisor at a Wall Street financial firm since 2014**. Her expertise encompasses both biomedical and finance fields with a PhD in cancer biology and immunology, and a CFA designation with licenses for Securities Representative (Series 7) and Investment Advisor Representative (Series 66).

Besides managing a biotech-focused portfolio, she also serves as a business advisor for biotechnology companies. **Dr. Liou is a co-founder and CIO of ImmuneTarget, a biotech company developing**

**novel therapies for cancer and autoimmune diseases.**

Dr. Liou's previous experiences included an equity analyst covering biotechnology and pharmaceutical companies at Biovantage Investments from 2011 to 2014. **She was a faculty member at Weill Cornell Medical College from 1994 to 2011. She received her Ph.D. from Harvard School of Public Health and post-doctoral training at MIT and Rockefeller University. Her biomedical career has generated 90+ publications, 18 awards, and 10+ patents.**

### **3. The WebEx Meeting link:**

#### **Join from the meeting link**

<https://nyumc.webex.com/nyumc/j.php?MTID=m0c45f14f2ebe2cb2636969f5f87331b8>

#### **Join by meeting number**

Meeting number (access code): 161 090 7387

Meeting password: DJcDfaZD252

#### **Tap to join from a mobile device (attendees only)**

[18556982663](tel:18556982663).,[1610907387](tel:1610907387)## NYUMC WebEx Tollfree

[+16467542524](tel:16467542524).,[1610907387](tel:1610907387)## NYUMC WebEx Toll

**Join by phone**

1 855 698 2663 NYUMC WebEx Tollfree

+1 646 754 2524 NYUMC WebEx Toll

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

**Join from a video system or application**

Dial 1610907387@nyumc.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

**Join using Microsoft Lync or Microsoft Skype for Business**

Dial 1610907387.nyumc@lync.webex.com

Need help? Go to <https://help.webex.com>