聖地牙哥中華科工聯誼會
2018 Tech Forum:
Pioneering Research in Cancer Treatment and Prevention
[癌症治療和預防的開創性研究] 科技研討會
October 20, 2018 (Saturday), 9:00am – 4:20pm

Speaker Biographies

Chih-Ming Ho 何志明, PhD., **(**www: Ho_Lab_AI-Personalized_Medicine) received Ph.D. from The Johns Hopkins University. He held the UCLA Ben Rich-Lockheed Martin Professor Chair until he retired in 2016 and currently is a Distinguished Research Professor. He served as UCLA Associate Vice Chancellor for Research from 2001 to 2005.   His research interests include personalized medicine, micro/nano fluidics, and turbulence. He is ranked by ISI as one of the top 250 most cited researchers worldwide in the entire engineering category (2000-2014). In 1997, Dr. Ho was inducted as a member of the US National Academy of Engineering. In the next year, he was elected as an Academician of Academia Sinica. In 2014, Dr. Ho received Doctor of Engineering Honoris Causa from Hong Kong University of Science and Technology. Dr. Ho holds ten honorary chair professorships including the Einstein Professorship from Chinese Academy of Science. Dr. Ho was elected Fellow of APS, AAAS, AIMBE, AIAA as well as 3M-Nano Society.

Eric T. Ahrens, PhD, Professor of Radiology, UC-San Diego. Dr. Ahrens earned a doctorate in physics at UC Los Angeles and performed postdoctoral work at California Institute of Technology. Dr. Ahrens studies cellular biology with nuclear magnetic resonance tools that let him examine the activities of living cells, including stem cells. The cells can be tracked inside whole animals, helping to establish their roles in diseases and how they respond to therapies. Dr. Ahrens built a Stem Cell Imaging Center in 2013 to characterize the anatomy, function, and molecular behavior of stem cells.

Yun-Ming Wang 王雲銘, PhD, Professor and Dean, College of Biological Science and Technology, Institute of Molecular Medicine and Bioengineering, National Chiao Tung University, Taiwan. Dr. Wang obtained his Ph.D. in 1990 in National Tsing Hua University, Taiwan. In 2008, Dr. Wang became a Faculty Member in the Department of Biological and Technology, National Chiao-Tung University, Taiwan. The research interests focused on the development of MR contrast agent and optical imaging probes, cancer diagnosis and therapy, and biosensors and bioelectrical sensors.
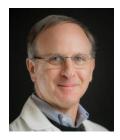
Muh Hwa Yang 楊慕華, MD. PhD, Professor, Institute of Clinical Medicine, National Yang Ming University, Taiwan. Dr. Yang received his M.D. and Ph.D. degrees from National Yang-Ming University of Taiwan. He was trained as a medical oncologist at Taipei Veterans General Hospital of Taiwan. Now he is the vice president of National Yang-Ming University, chair professor of Institute of Clinical Medicine of National Yang-Ming University. He is also the director of Division of Medical Oncology of Taipei Veterans General Hospital. His laboratory focuses on the molecular mechanism of cancer stemness and cancer metastasis. He is also interested in the interplay between cancer stem cells and tumor microenvironments.

Jin Zhang, PhD, Professor, Departments of Pharmacology, Bioengineering and Chemistry & Biochemistry, UC-San Diego. Dr. Zhang received PhD from University of Chicago and received numerous prestigious awards in her field, including National Cancer Institute Outstanding Investigator Award and Pfizer Award in Enzyme Chemistry, American Chemical Society. Dr. Zhang's research focuses on understanding how cells, the basic units of life, sense changing environments and orchestrate specific responses to carry out life processes. Recent years her research lab has made tremendous progress in identifying the molecular components that constitute the structural, biochemical and mechanical networks that control various life processes.

Mitchell Gross, MD. PhD, Associate Professor of Clinical Medicine at the Keck School of Medicine and the Research Director of the Lawrence J. Ellison Institute, University of Southern California. Dr. Gross has earned degrees from the University of California, San Diego (BA), Baylor College of Medicine in Houston (MD), and the University of California, Los Angeles (PhD in Molecular Biology). His overall research interest focuses on applying modern techniques relating to the study of genes and proteins (genomics and proteomics) to the clinical problems faced in treating patients with prostate cancer. A particular interest relates to the androgen receptor and relating proteins and pathways as key driving forces behind the development and treatment of prostate cancer. He serves as primary investigator on many multi-center phase I and II clinical trials.

Huan-You Wang 王焕友。MD. PhD, Director of Hematopathology Fellowship, Co-Director of Hematology, Clinical Professor of Pathology, Department of Pathology and Moores Cancer Center, University of California San Diego Health System. He received his MD from Binzhou Medical College, and PhD in Molecular Pathology from UC San Diego. Dr. Wang has published 90 peer-reviewed articles mainly in the field of hematolymphoid disorders. He specializes in the diagnosis of lymphomas and leukemias. He is the President-Elect of the Chinese American Pathologists Association.

Ming-Hsiang Tsou 鄒明祥, PhD, Professor and Director of the Center for Human Dynamics in the Mobile Age, San Diego State University. Dr. Tsou received a B.S. (1991) from National Taiwan University, an M.A. (1996) from the State University of New York at Buffalo, and a Ph.D. (2001) from the University of Colorado at Boulder, all in Geography. His research interests are in Human Dynamics, Social Media, Big Data, Cancer Disparity Visualization, Web GIS, Disease Outbreak Monitoring, and Cartography. He has published one book (*Internet GIS*) and over 75 refereed academic papers. Dr. Tsou served on multiple NSF projects as PIs or Co-PIs (over $4 million awards since 2010) and served on the editorial boards of the Annals of GIS, Cartography and GIScience, and the Professional Geographers. Dr. Tsou established a new research center in 2014, Human Dynamics in the Mobile Age, to integrate research from GIScience, Public Health, Sociology, and Communication.