



FASEB Catalyst Conferences

Engineering & Biology in Cancer Detection and Therapy

Wednesday, March 2, 2022

Conference Organizer: Ze'ev Ronai, Professor Ph.D., Director NCI designated Cancer Center, Professor, Sanford Burnham Prebys Medical Discovery Institute, La Jolla, CA

Time (Pacific)	Time (Eastern)	Agenda
8:00 am – 8:05 am	11:00 am – 11:05 am	Welcome Remarks
8:05 am – 8:55 am	11:05 am – 11:55 am	KEYNOTE PRESENTATION: “Tracking Cancer Metastasis Through Circulating Tumor Cells” Daniel Haber, M.D., Ph.D. Massachusetts General Hospital
8:55 am – 9:45 am	11:55 am – 12:45 pm	“Barcoded nanoparticles for precision cancer medicine: The primary tumor and metastasis are sensitive to different medicines” Avi Schroeder, Ph.D. Technion - Israel Institute of Technology
9:45 am – 10:35 am	12:45 pm – 1:35 pm	“EpiProteomics: a novel dimension in clinical diagnostics and therapy” Yifat Merbl, Ph.D. Weizmann Institute of Science
10:35 am – 10:45 am	1:35 pm – 1:45 pm	Break
10:45 am – 11:35 am	1:45 pm – 2:35 pm	“Biology and Vulnerabilities of Circulating Tumor Cell Clusters” Nicola Aceto, Ph.D. ETH Zurich
11:35 am – 12:25 pm	2:35 pm – 3:25 pm	“Photoacoustic Tomography from Organelles to Patients” Lihong Wang, Ph.D. California Institute of Technology
12:25 pm – 1:15 pm	3:25 pm – 4:15 pm	“Synthetic Biomarkers: A 21st century path to early cancer detection” Gabriel Kwong, Ph.D. Georgia Institute of Technology
1:15 pm	4:15 pm	Closing Remarks