## 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*

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<th>Time (Pacific)</th>
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<tr>
<td>8:00 am – 8:05 am</td>
<td>11:00 am – 11:05 am</td>
<td><strong>Welcome Remarks</strong></td>
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| 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** |