

9th Annual Symposium

March 31, 2023

Genomic Approaches Toward Precision Cancer Medicine

08.30-09.00 Coffee and snacks

09.00-09.30 Welcome; CCG Introduction – **Aaron Thorner**, PhD; DFCI

Keynote Lecture I (Chair: **Matthew Meyerson**, MD, PhD)

09.30-10.15 **Kathleen Burns**, MD, PhD; DFCI “Retrotransposon in cancer: the Marker and the Mutator”

(Chair: **Anwesha Nag**, PhD)

10.15-10.40 **Daniel Abravanel**, MD, PhD; DFCI
“Building single-cell and spatially resolved atlases of metastatic breast cancer”

10.40-11.05 Break – Coffee – Jimmy Fund Auditorium

11.05-11.30 **Katherine Janeway**, MD, MMSc; DFCI
“Learning from Children and Their Data”

11.30-11.55 **Franziska Michor**, PhD; DFCI
“Quantitative Approaches to Tumor Evolution and Therapeutic Resistance”

12.00-01.00 Lunch to-go in Smith 308/309

(Chair: **Lynette Sholl**, MD)

01.05-01.50 Clinical Vignettes
Glenn Hanna, MD; DFCI “Case Files in Head and Neck Cancer”
Yana Pikman, MD; DFCI “Targeting PDGFRA in T-ALL”
Brandon Huffman, MD; DFCI “Targeting NRG1-fusions in pancreatic cancer”

Keynote Lecture II (Chair: **Aaron Thorner**, PhD)

01.50-02.35 **Phillip Febbo**, MD; Illumina “Cancer Genomes for All!”

02.35-02.55 Break – Coffee – Jimmy Fund Auditorium

(Chair: **Misha Beltran**, MD)

02.55-03.20 **Mark Murakami**, MD; DFCI
“The Perils and Promise of Molecular Diagnostics in Lymphoid Malignancies”

03.20-03.45 **Alex Shalek**, PhD; MIT
“Does cell state matter in cancer?”

03.45-04.10 **Marios Giannakis**, MD, PhD; DFCI
“Molecular features of diet-induced carcinogenesis in colorectal cancer: implications for precision cancer prevention”

04.10-04.15 Closing remarks – **Aaron Thorner**, PhD; DFCI