Focus on
CANCER EARLY DETECTION RESEARCH

Monday
21st, November 2022
Wolfson Auditorium
Weizmann Institute of Science

PROGRAM

09:00 Opening remarks
09:15 Session 1. Chair: Zvi Livneh
09:15 David Sidransky
Johns Hopkins
Recent Advances in Early Cancer Detection

09:50 Liran Shlush
Weizmann Institute of Science
The aging of the blood system and early leukemia diagnosis

10:15 Ravid Straussman
Weizmann Institute of Science
The tumor microbiome and its potential role in early cancer detection

10:40 Coffee break

11:00 Session 2. Chair: Moshe Oren
11:00 Gadi Rennert
The Technion School of Medicine and Carmel Medical Center
A comprehensive population-based pilot study of precision disease prevention/detection

11:35 Valery Krizhanovsky
Weizmann Institute of Science
Senescent cells on the crossroads of cancer and aging

12:25 Ruth Scherz-Shouval
Weizmann Institute of Science
Stress and mutation dependencies in the tumor microenvironment

12:50 Lunch

13:50 Session 3. Chair: Michal Neeman
13:50 Dorith Shaham
Hadassah-Hebrew University Medical Center
Implementing a national lung cancer screening pilot in Israel: The TIGAR project

14:25 Yonina Eldar
Weizmann Institute of Science
Model Based Deep Learning for Early Cancer Detection

14:50 Efrat Shema
Weizmann Institute of Science
Single-molecule liquid biopsy technology for cancer diagnosis

15:15 Nitzan Rosenfeld
Cambridge University
Pushing the boundary to expand diagnostic applications of circulating DNA

15:50 Concluding remarks

Registration
bit.ly/3QqXn7x

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Sponsors
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