

2020 Circulating Cancer Biomarker Symposium

4th May 2020. Lister & Young Seminar Room, John Vane Science Centre, Barts Cancer Institute, Queen Mary University of London, Charterhouse Square, London EC1M 6BQ

9-9:30 am *Coffee and registration*

9:30-9:40 am House-keeping and opening remarks from BCI Director Prof Nicholas Lemoine

MORNING SESSIONS: CHAIR – PROF KLAUS PANTEL

9:40-10:10 am Introduction of circulating cancer biomarkers. Prof Yong-Jie Lu, Barts Cancer Institute, Queen Mary University of London

Circulating tumour cells 10:10-11:20 am

10:10-10:40 am Liquid Biopsy in Cancer Patients: A focus on Metastasis-Initiator Circulating Tumor Cells. Prof Catherine Alix-Panabières, University Medical Centre, Montpellier, France

10:40-11:10 am Microfluidic Platforms for Investigating and Isolating Circulating Tumour Cell Clusters. Dr. Sam Au, Imperial College London

11:10-11:20 am Selected oral presentation

11:20-11:50 am *Coffee break, networking and poster viewing*

Cell-free circulating nucleic acids 11:50am-1:00 pm

11:50am-12:20 pm The plasma DNA methylome of metastatic prostate cancer. Prof Gert Attard, University College of London

12:20-12:50 pm Exploiting Cell-Free DNA in Blood for Improved Treatment of Cancer. Dr. Christopher G. Smith. CRUK Cambridge Institute, University of Cambridge

12:50-1:00 pm Selected oral presentation

1:00-1:50 pm *Lunch, networking and poster viewing*

AFTERNOON SESSIONS: CHAIR – PROF YONG-JIE LU

Emerging circulating biomarkers 1:50-3:00pm

1:50-2:20 pm Tumour-educated platelets for the detection of cancer. Prof. Thomas Würdinger, Amsterdam UMC, Vrije University Amsterdam

2:20-2:50 pm Variations of ctDNA content and extracellular RNA profiles in different fractions of plasma samples. Prof Liang Wang, Moffitt Cancer Center, USA

2:50-3:00 pm Selected oral presentation

3:00-3:30 pm *Coffee break, networking and poster viewing*

Other types of liquid biopsy 3:30-4:40 pm

3:30-4:00 pm Towards early detection of pancreatic cancer in urine. Prof Tatjana Crnogorac-Jurcevic, Barts Cancer Institute, Queen Mary University of London

4:00-4:30 pm Epigenetic biomarkers - bench to bedside. Dr. Andrew Feber, University College of London

4:30-4:40 pm Selected oral presentation

Keynote presentation 4:40-5:20 pm

Circulating tumor cells: Detection, biology and clinical implications. Professor Klaus Pantel, Director of the Institute of Tumor Biology, University Hospital Eppendorf (UKE), University of Hamburg, Germany. Chair of Europe Liquid Biopsy Society

Closing remarks 5:20-5:30 pm

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