

EACR-AstraZeneca Conference: Circulating Nucleic Acids (cfDNA/ctDNA): In use, in view and on the horizon Programme

Virtual Event, Worldwide

28 - 29 January 2025



Scientific Programme

Tuesday 28th January 2025

Listed times are in Central European Time (CET)

- 13:00 **WELCOME TO DAY ONE**
Opening words: James Hadfield
- SESSION 1: HORIZONS FOR LIQUID BIOPSY**
Session Chair: James Hadfield
- 13:05 **KEYNOTE LECTURE**
Yuval Dor
Hebrew University of Jerusalem, Jerusalem, Israel
'Epigenetic liquid biopsy'
- 13:25 Q&A 13:25-13:40
- 13:40 **Viktor Adalsteinsson**
Gerstner Centre for Cancer Diagnostics, Broad Institute, Cambridge, USA
'Modulating cfDNA biology to enhance liquid biopsies'
- 14:00 Q&A 14:00-14:15
- 14:15 **Davina Gale**
AstraZeneca, Cambridge, UK
'Pathway to cure: application of ctDNA in clinical trials'
- 14:35 Q&A 14:35-14:50
- 14:50 **REFRESHMENT BREAK**
- SESSION 2: LIQUID BIOPSIES FOR BREAST AND LUNG CANCERS**
Session Chair: Davina Gale
- 15:05 **Heather Parsons**
Dana-Farber Cancer Institute, Boston, USA
'How low should we go? ctDNA to detect MRD in breast cancer'
- 15:25 Q&A 15:25-15:40
- 15:40 **Andreas Risch**
MGZ Munich, Munich, Germany
Proffered Paper 1: 'Liquid biopsy analysis of advanced breast cancer patients – A real-life perspective of actionable variants'
- 15:50 Q&A 15:50-15:55
- 15:55 **Albert Grinshpun**
Shaare Zedek Medical Center, Jerusalem, Israel
Proffered Paper 2: 'Utilization of cfDNA in Detecting Drug-Induced Lung Toxicity'

- 16:05 Q&A 16:05 - 16:10
- 16:10 **Max Diehn**
Stanford University School of Medicine, Stanford, USA
'Liquid biopsies for detection and characterization of lung cancers'
- 16:30 Q&A 16:30-16:45
- 16:45 **SPOTLIGHT PRESENTATIONS**
3 five minute Spotlight talks, from high-scoring abstracts submitted to the meeting.
- 17:15 **FLASH TALKS - SESSION 1**
A selection of short 3-minute flash talks from selected abstracts submitted to the meeting.
- 17:30 **END OF DAY 1**

Wednesday 29th January 2025

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- 14:00 **WELCOME TO DAY TWO**
SESSION 3: LIQUID BIOPSY IN COLORECTAL AND BLADDER CANCERS
Session Chair: Evi Lianidou
- 14:05 **Naureen Starling**
The Royal Marsden NHS Foundation Trust, London, UK
'Circulating nucleic acids (cfDNA/ctDNA): in use, in view and on the horizon' a GI perspective but with broader applicability'
- 14:25 Q&A 14:25-14:40
- 14:40 **Silvia Marsoni**
IFOM, Milan, Italy
'Leveraging liquid biopsy to deconvolute colon cancer biology'
- 15:00 Q&A 15:00-15:15
- 15:15 **Lars Dyrskjøt**
Aarhus University, Aarhus, Denmark
'Towards ctDNA-guided treatment of muscle-invasive bladder cancer'
- 15:35 Q&A 15:35-15:50
- 15:50 **REFRESHMENT BREAK**
SESSION 4: NEXT GENERATION LIQUID BIOPSY RESEARCHERS
Session Chair: Caroline Dive
- 16:05 **Daniel Hagey**
Karolinska Institutet, Stockholm, Sweden
Proffered Paper 3: 'Dynamic size and association profiles of tumour-derived DNA during pancreatic cancer progression'
- 16:15 Q&A 16:15-16:20
- 16:20 **Lucy Faulkner**
University of Cambridge, Cambridge, UK
Proffered Paper 4: 'Assessing response to androgen deprivation and surgery using methylation sequencing of ctDNA from plasma and urine in localised

prostate cancer'

16:30 Q&A 16:30-16:35

16:35 **FLASH TALKS - SESSION 2**

A selection of short 3-minute flash talks from selected abstracts submitted to the meeting.

16:50 **KEYNOTE LECTURE**

Victor Velculescu

Johns Hopkins University School of Medicine, Baltimore, USA

'Early Detection of Cancer using cell-free DNA Fragmentomes'

17:10 Q&A 17:10-17:25

17:25 **DISCUSSION SESSION**

Clinical implementation and new technologies

Silvia Marsoni (Chair), IFOM, Milan, Italy; James Hadfield, AstraZeneca, Cambridge, UK; Davina Gale, AstraZeneca, Cambridge, UK

17:55 **SUMMARY AND CLOSE**