



Agenda: 4th CTC Technology Meeting of 2022,

December 14th, 2 – 4 PM CET

Work Package Leads: Evi Lianidou and Nikolas Stoecklein

Meeting link:

<https://uni-hamburg.zoom.us/j/68812705384?pwd=bGZ3TnB4bTRVVGNIYUljZHVicGILdz09>

14:00 – 14:05	Welcome
14:00 – 14:05	Welcome by Evi Lianidou and Nikolas Stoecklein
14:05 – 14:45	Academic Presentation(s) Moderation by Evi Lianidou and Nikolas Stoecklein
14:05 – 14:35	Presentation by Daniel Smit (<i>Department of Tumor Biology, University Medical Center Hamburg-Eppendorf, Germany</i>) • Functional characterization of the rare <i>PIK3CA</i> C2 domain E418K and E453K mutations detected in breast cancer CTCs and metastatic cells • Discussion (10 min)
14:35 – 15:05	Presentation by Yong-Jie Lu (<i>Barts Cancer Institute - a CR-UK Centre of Excellence, Queen Mary University of London, UK</i>) • Using circulating tumour cells for prostate cancer diagnosis and precision medicine • Discussion (10 min)
15:05 – 15:35	Presentation by Evi Lianidou (<i>ACTC Lab, University of Athens, Greece</i>) • Development and analytical validation of a six-plex RT droplet digital PCR for gene expression markers <i>AR</i>, <i>ARV7</i>, <i>PSA</i>, <i>PSMA</i> and controls in prostate cancer CTCs • Discussion (10 min)
15:35 – 16:00	Discussion Moderation by Evi Lianidou and Nikolas Stoecklein