

07.10.2021

14:15 - 15:30 Workshop: Update on new technologies (part 1) Channel 1
Moderation: D. Thommen, Division Of Molecular Oncology And Immunology, NKI-AVL - Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital, Amsterdam, NL

14:15 - 14:35 **Basics in bioinformatics**
N. Mcgranahan, UCL Cancer Institute - Paul O'Gorman Building, London, GB

14:35 - 14:55 **AI for dummies**
N. Paragios, CentraleSupélec - Paris-Saclay campus, Gif sur Yvette, FR

14:55 - 15:15 **Circulating markers**
B. O'Leary, The Royal Marsden Hospital NHS Foundation Trust, Sutton, GB

15:15 - 15:30 **Live Q&A**

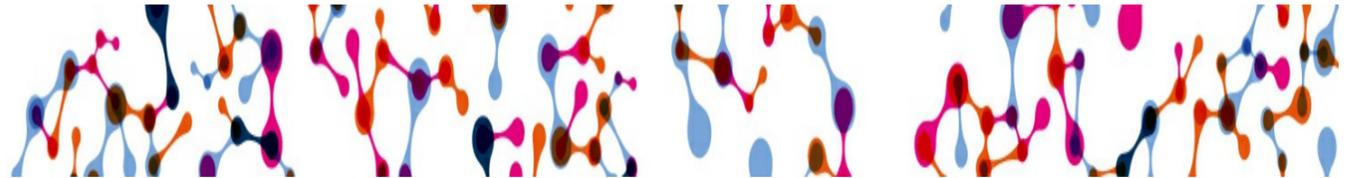
15:45 - 16:45 Workshop: Update on new technologies (part 2) Channel 1
Moderation: D. Thommen, Division Of Molecular Oncology And Immunology, NKI-AVL - Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital, Amsterdam, NL

15:45 - 16:05 **'Profiling intratumoral immune responses'**
D. Thommen, NKI-AVL - Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital, Amsterdam, NL

16:05 - 16:25 **Technologies to assess epigenetics**
T. Sourisseau, Institut Gustave Roussy, Villejuif, FR

16:25 - 16:45 **Live Q&A**

17:00 - 18:00 Industry satellite symposium - To be announced Channel 1



08.10.2021

11:00 - 12:00 Industry satellite symposium - To be announced Channel 1

12:10 - 12:15 Welcome to MAP 2021 Channel 1

Moderation: F. André¹, J. Haanen², C. Swanton³, ¹Breast Cancer Unit, Medical Oncology Department, Gustave Roussy - Cancer Campus, Villejuif, FR, ²Medical Oncology Dept, Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital (NKI-AVL), Amsterdam, NL, ³Translational Cancer Therapeutics Department, Francis Crick Institute, London, GB

12:15 - 13:30 Molecular characterisation Channel 1

Moderation: J. Haanen, Medical Oncology Dept, Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital (NKI-AVL), Amsterdam, NL

12:15 - 12:30 **Genomic landscape of normal tissue**

P. Campbell, Wellcome Trust Sanger Institute, Cambridge, GB

12:30 - 12:45 **Endometrial cancers**

T. Bosse, Leiden University Medical Center, Leiden, NL

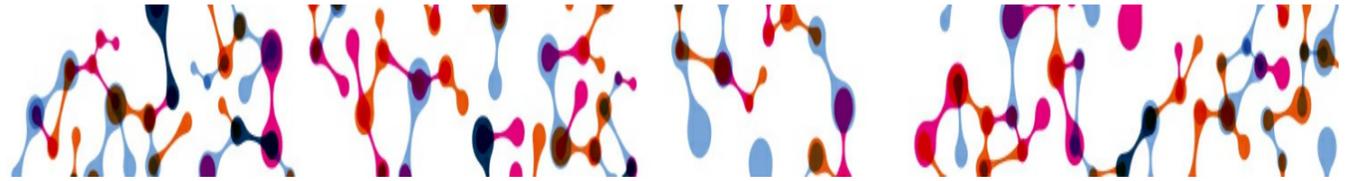
12:45 - 13:00 **Basal cell carcinoma**

S. Nikolaev, Institut Gustave Roussy, Villejuif, Cedex, FR

13:00 - 13:15 **Genomic characterization of metastatic cancers**

J. Van De Haar, Netherlands Cancer Institute/Antoni van Leeuwenhoek hospital (NKI-AVL), Amsterdam, NL

13:15 - 13:30 **Live Q&A**



12:15 - 13:30 Clonal evolution Channel 2
Moderation: S. Turajlic, The Royal Marsden Hospital - NHS Foundation Trust, London, GB

12:15 - 12:30 **Genomic evolution in brain metastases: Implications for precision medicine**
P. Brastianos, Massachusetts General Hospital, Boston, US

12:30 - 12:45 **Mathematical model perspective: Genotype-phenotype map**
A. Anderson, H. Lee Moffitt Cancer Center & Research Institute - Magnolia Campus, Tampa, US

12:45 - 13:00 **Inactivation of DNA repair and high dose vitamin C boost cancer immunotherapy**
A. Bardelli, IRCCS - Istituto di Candiolo - FPO, Candiolo, IT

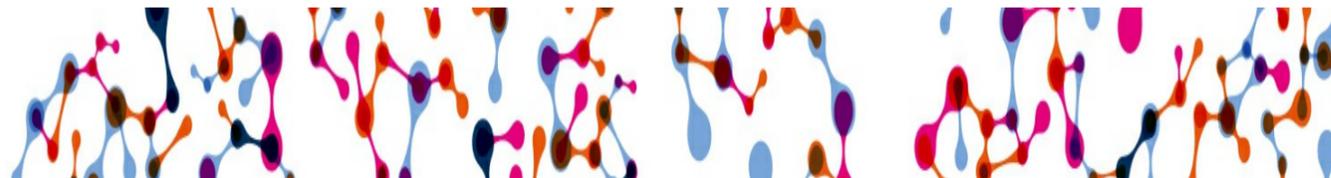
13:00 - 13:15 **Clonal evolution through representative sequencing**
S. Turajlic, The Royal Marsden Hospital - NHS Foundation Trust, London, GB

13:15 - 13:30 **Live Q&A**

13:45 - 14:15 Keynote lecture Channel 1
Moderation: J. Haanen, Medical Oncology Dept, Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital (NKI-AVL), Amsterdam, NL

13:45 - 13:50 **Introduction**
J. Haanen, Netherlands Cancer Institute/Antoni van Leeuwenhoek Hospital (NKI-AVL), Amsterdam, NL

13:50 - 14:15 **Understanding immune reactivation by immune checkpoint blockade in human cancer using ex vivo avatars**
T. Schumacher, Netherlands Cancer Institute/Antoni van Leeuwenhoek hospital (NKI-AVL), Amsterdam, NL



14:30 - 15:45 Metastases (cancer cell intrinsic) Channel 1
Moderation: C. Curtis, Medicine (oncology) & Genetics, Stanford Institute for Stem Cell Biology and Regenerative Medicine, Stanford, US

14:30 - 14:45 **Chromosomal instability through metastatic progression**
N. Mcgranahan, UCL Cancer Institute - Paul O'Gorman Building, London, GB

14:45 - 15:00 **Imaging the metastatic cascade**
J. Van Rheenen, Netherlands Cancer Institute/Antoni van Leeuwenhoek hospital (NKI-AVL), Amsterdam, NL

15:00 - 15:15 **Recapitulating metastatic regeneration in human organoids**
K. Ganesh, MSKCC - Memorial Sloan Kettering Cancer Center, New York, US

15:15 - 15:30 **Genome architecture and determinants of therapy response in metastatic breast cancer**
C. Curtis, Stanford Institute for Stem Cell Biology and Regenerative Medicine, Stanford, US

15:30 - 15:45 **Live Q&A**

14:30 - 15:45 Tumour crosstalk with the microenvironment in metastasis Channel 2
Moderation: G. Evan, Biochemistry, University of Cambridge, Cambridge, GB

14:30 - 14:45 **How and why Myc controls the crosstalk between cancer cells and immune cells**
G. Evan, University of Cambridge, Cambridge, GB

14:45 - 15:00 **How cancer cell-macrophage crosstalk promotes leptomeningeal metastasis**
A. Boire, MSKCC - Memorial Sloan Kettering Cancer Center, New York, US

15:00 - 15:15 **Using single cell genomics to dissect how cancer chromosomal instability shapes a pro-metastatic tumour microenvironment**
A. Laughney, Weill Cornell Medicine, New York, US

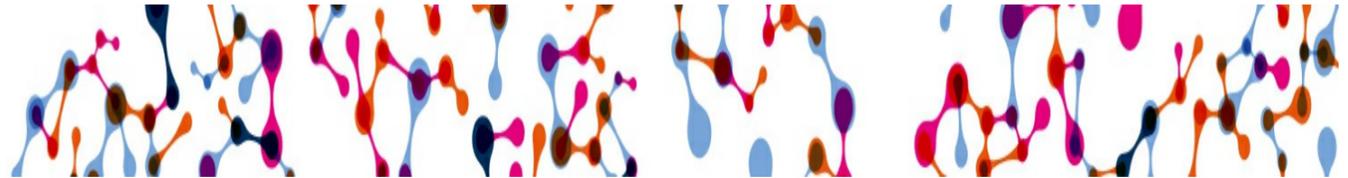
15:15 - 15:30 **The role of commensal interactions during metastasis**
I. Malanchi, Francis Crick Institute, London, GB

15:30 - 15:45 **Live Q&A**

16:00 - 17:00 Abstract related session - To be announced Channel 1

17:15 - 18:15 Industry satellite symposium - To be announced Channel 2

17:15 - 18:15 YO Session Channel 1



09.10.2021

11:00 - 12:00 Industry satellite symposium - To be announced **Channel 1**

12:15 - 13:30 Lung cancer **Channel 1**

Moderation: C. Abbosh, St. James's University Hospital Leeds, Leeds, GB

12:15 - 12:30 **Detection of early-stage lung cancer using ctDNA**

M. Diehn, Stanford Comprehensive Cancer Institute, Stanford, US

12:30 - 12:45 **Tracking subclonal dynamics in relapsing NSCLC**

A. Frankell, Francis Crick Institute, London, GB

12:45 - 13:00 **The landscape of pre-invasive lung cancer lesions**

S. Janes, UCLH - University College London Hospitals NHS Foundation Trust, London, GB

13:00 - 13:15 **Immune alterations associated with progression of bronchial pre-malignant lesions**

A. Spira, BUSM - Boston University School of Medicine, Weston, US

13:15 - 13:30 **Live Q&A**

12:15 - 13:30 Early detection **Channel 2**

Moderation: S. Delaloge, Breast Oncology Department, Institut Gustave Roussy, Villejuif, FR

12:15 - 12:30 **Germline genetic testing for cancer early detection: Is the time ripe?**

D. Evans, The University of Manchester, Manchester, GB

12:30 - 12:45 **Can somatic variants distinguish benign from aggressive premalignant lesions?**

D. Wedge, The University of Manchester, Manchester, GB

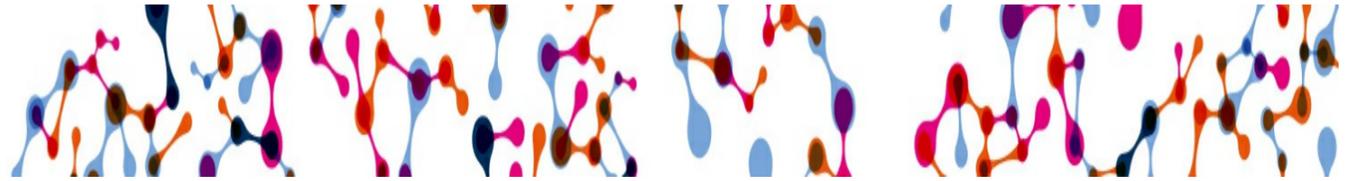
12:45 - 13:00 **Can blood biomarkers detect cancer early?**

S.-J. Dawson, Peter MacCallum Cancer Centre, Melbourne, AU

13:00 - 13:15 **How will the integration of AI improve image-based early detection of cancers?**

F. Gilbert, University of Cambridge, Cambridge, GB

13:15 - 13:30 **Live Q&A**



13:45 - 14:15 **Gordon Peters lecture** **Channel 1**
Moderation: C. Swanton, Translational Cancer Therapeutics Department, Francis Crick Institute, London, GB

13:45 - 13:50 **Introduction**
C. Swanton, Francis Crick Institute, London, GB

13:50 - 14:15 **Exploring and therapeutically exploiting the tumour microenvironment**
J. Joyce, Ludwig Center for Cancer Research of the UNIL (LICR@UNIL), Lausanne, CH

14:30 - 15:45 **Spatial techniques for the tumour microenvironment** **Channel 1**
Moderation: F. André, Breast Cancer Unit, Medical Oncology Department, Gustave Roussy - Cancer Campus, Villejuif, FR

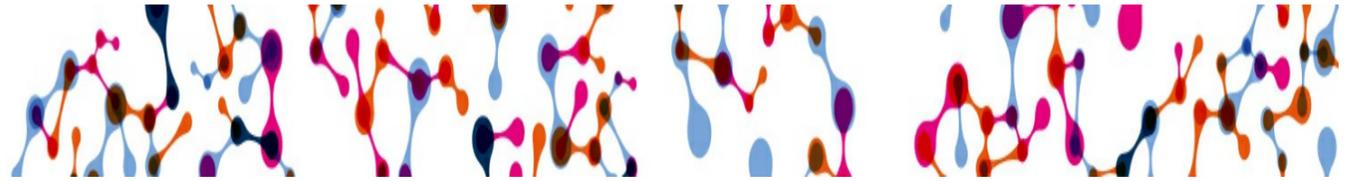
14:30 - 14:45 **Next-generation Slide-seq for high-resolution gene expression profiling**
F. Chen, Harvard University, Cambridge, US

14:45 - 15:00 **Spatial transcriptomics for mapping the spatial architecture of cancers**
J. Lundeberg, Science for Life Laboratory (SciLifeLab), Solna, SE

15:00 - 15:15 **High spatial-resolution multi-omics via DBiT-seq**
R. Fan, Yale University School of Medicine - Yale Cancer Center, New Haven, US

15:15 - 15:30 **Multimodal interrogation of the tumour microenvironment**
Y. Yuan, ICR - Institute of Cancer Research - Chester Beatty Laboratories, London, GB

15:30 - 15:45 **Live Q&A**



14:30 - 15:45	Transcription and translation inhibitors in cancer treatment Moderation: A. Aguilera, Universidad de Sevilla, Seville, ES	Channel 2
14:30 - 14:45	Lurbinectedin and other transcription inhibitors in lung cancer <u>L. Paz-Ares</u> , University Hospital 12 De Octubre, Madrid, ES	
14:45 - 15:00	HDAC inhibitor romidepsin in cancer <u>S. Bates</u> , Columbia University, New York, US	
15:00 - 15:15	Predicting drug response in cancer	
15:15 - 15:30	Targeting mRNA translation initiation in melanoma <u>S. Vagner</u> , Institut Gustave Roussy, Villejuif, FR	
15:30 - 15:45	Live Q&A	
16:00 - 17:15	Myeloid targets for immunotherapy Moderation: M. Kok, Medical Oncology Department, Netherlands Cancer Institute, Amsterdam, NL	Channel 1
16:00 - 16:15	Tumour-associated macrophage heterogeneity <u>F. Ginhoux</u> , A*STAR - Singapore Immunology Network (SIgN), Singapore, SG	
16:15 - 16:30	Critical role for eosinophils during response to immune checkpoint blockade <u>M. Kok</u> , Netherlands Cancer Institute, Amsterdam, NL	
16:30 - 16:45	DC functionality & anti-cancer immune responses <u>M. Merad</u> , Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, US	
16:45 - 17:00	PD-L1 on tumor-infiltrating myeloid cells <u>I. Mellman</u> , Genentech, Inc., South San Francisco, US	
17:00 - 17:15	Live Q&A	
17:15 - 17:20	Closing remarks	Channel 1