



MAP 2021 Virtual Programme

Thursday, 7 October 2021

Channel 1

14:15-16:45 135'	WORKSHOP Update on new technologies	Chair(s): Nicholas McGranahan, London UK and Daniela Thommen, Amsterdam, Netherlands
20'	Basics in bioinformatics	Nicholas McGranahan, London UK
20'	AI for dummies	Nikos Paragios, Gif sur Yvette, France
20'	Circulating markers	Ben O' Leary, London UK
15'	Live Q&A	
15'	Break	
20'	Profiling intratumoral immune responses'	Daniela Thommen, Amsterdam, Netherlands
20'	Technologies to assess epigenetics	Tony Sourisseau, Villejuif, France
20'	Live Q&A	

17:00-18:00 60'	Industry satellite (TBC)	
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Friday, 8 October 2021

11:00-12:00 60'	Industry satellite (TBC)	
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Channel 1

12:10-12:15 5'	<i>Welcome from the Scientific Co-Chairs</i>	
10'	Welcome to MAP 2021	Scientific Co-Chairs

Channel 1

12:15-13:30 75'	Educational session 1 Molecular characterisation	Chair(s): Peter Campbell, Cambridge. UK
15'	Genomic landscape of normal tissue	Peter Campbell, Cambridge. UK
15'	Endometrial cancers	Tjalling Bosse, Leiden, Netherlands
15'	Basal cell carcinoma	Sergey Nikolaev, Villejuif, France
15'	Genomic characterization of metastatic cancers	Joris Van De Haar, Amsterdam, Netherlands
15'	Live Q&A	

Channel 2

12:15-13:30 75'	Educational session 2 Clonal evolution	Chair(s): Samra Turajlic, London, UK
15'	Genomic evolution in brain metastases: Implications for precision medicine	Priscilla Brastianos, Boston, MA, USA
15'	Mathematical model perspective: Genotype-phenotype map	Alexander Anderson, Tampa, FL, USA
15'	Inactivation of DNA repair and high dose vitamin C boost cancer immunotherapy	Alberto Bardelli, Candiolo, Italy
15'	Clonal evolution through representative sequencing	Samra Turajlic, London, UK
15'	Live Q&A	

Channel 1

13:45-14:15 30'	Keynote lecture	Chair: John Haanen, Amsterdam, Netherlands
5'	Introduction	<i>Chair</i>
25'	Understanding immune reactivation by immune checkpoint blockade in human cancer using ex vivo avatars	Ton Schumacher, Amsterdam, Netherlands

Channel 1

14:30-15:45 75'	Educational session 3 Metastases (cancer cell intrinsic)	Chair(s): Christina Curtis, Stanford, CA, USA
15'	Chromosomal instability through metastatic progression	Nicholas McGranahan, London, UK
15'	Imaging the metastatic cascade	Jacco Van Rheenen, Amsterdam, Netherlands
15'	Recapitulating metastatic regeneration in human organoids	Karuna Ganesh, New York, NY, USA
15'	Genome architecture and determinants of therapy response in metastatic breast cancer	Christina Curtis, Stanford, CA, USA
15'	Live Q&A	

Channel 2

14:30-15:45 75'	Educational session 4 Tumour crosstalk with the microenvironment in metastasis	Chair(s): Gerard Evan, London, UK
15'	How and why Myc controls the crosstalk between cancer cells and immune cells	Gerard Evan, London, UK
15'	How cancer cell-macrophage crosstalk promotes leptomeningeal metastasis	Adrienne Boire, New York, NY, USA
15'	Using single cell genomics to dissect how cancer chromosomal instability shapes a pro-metastatic tumour microenvironment	Ashley Laughney, New York, NY, USA
15'	The role of commensal interactions during metastasis	Ilaria Malanchi, London, UK
15'	Live Q&A	

Channel 1

16:00-17:00 60'	Abstract related session	Chair:
	To be announced	

Channel 1

17:15-18:15 60'	YO Session	Chair:
	To be announced	

Channel 2

17:15-18:15 60'	Industry satellite (TBC)
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Channel 1

11:00-12:00 60'	Industry satellite (TBC)
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Channel 1

12:15-13:30 75'	Educational session 6 Lung cancer	Chair(s): Chris Abbosh, London, UK
15'	Detection of early-stage lung cancer using ctDNA	Max Diehn, Stanford, CA, USA
15'	Tracking subclonal dynamics in relapsing NSCLC	Alexander Frankell, London, UK
15'	The landscape of pre-invasive lung cancer lesions	Sam Janes, London, UK
15'	Immune alterations associated with progression of bronchial pre-malignant lesions	Avrum Spira, Boston, MA, USA
15'	Live Q&A	

Channel 2

12:15-13:30 75'	Educational session 7 Early detection	Chair(s): Suzette Delalogue, Villejuif, France
15'	Germline genetic testing for cancer early detection: Is the time ripe?	Gareth Evans, Manchester, UK
15'	Can somatic variants distinguish benign from aggressive premalignant lesions?	David Wedge, Manchester, UK
15'	Can blood biomarkers detect cancer early?	Sarah-Jane Dawson, Melbourne, Australia
15'	How will the integration of AI improve image-based early detection of cancers?	Fiona Gilbert, Cambridge, UK
15'	Live Q&A	

Channel 1

13:45-14:15 30'	Keynote lecture Gordon Peters lecture	Chair: Charles Swanton, London, UK
5'	Introduction	<i>Chair</i>
25'	Exploring and therapeutically exploiting the tumour microenvironment	Johanna Joyce, Lausanne, Switzerland

Channel 1

14:30-15:45 75'	Educational session 8 Spatial techniques for the tumour microenvironment	Chair(s): Fabrice André, Villejuif, France
15'	Next-generation Slide-seq for high-resolution gene expression profiling	Fei Chen, Cambridge, MA, USA
15'	Spatial transcriptomics for mapping the spatial architecture of cancers	Joakim Lundeberg, Solna, Sweden
15'	High spatial-resolution multi-omics via DBiT-seq	Rong Fan, New Haven, CT, USA
15'	Multimodal interrogation of the tumour microenvironment	Yinyin Yuan, London, UK
15'	Live Q&A	

Channel 2

14:30-15:45 75'	Educational session 9 Transcription and translation inhibitors in cancer treatment	Chair(s): Andrés Aguilera, Seville, Spain
15'	Lurbinectedin and other transcription inhibitors in lung cancer	Luis Paz-Ares, Madrid, Spain
15'	HDAC inhibitor romidepsin in cancer	Susan Bates, New York, NY, USA
15'	Predicting drug response in cancer	Vassilis G Gorgoulis, Athens, Greece
15'	Targeting mRNA translation initiation in melanoma	Stephan Vagner, Villejuif, France
15'	Live Q&A	

Saturday, 9 October 2021 cont.

Channel 1

16:00-17:15 75'	<i>Educational session 10</i> Myeloid targets for immunotherapy	Chair(s): Marleen Kok, Amsterdam, Netherlands
15'	Tumour-associated macrophage heterogeneity	Florent Ginhoux, Singapore
15'	Critical role for eosinophils during response to immune checkpoint blockade	Marleen Kok, Amsterdam, Netherlands
15'	DC functionality & anti-cancer immune responses	Myriam Merad, New York, NY, USA
15'	PD-L1 on tumor-infiltrating myeloid cells	Ira Mellman, San Francisco, CA, USA
15'	Live Q&A	

Channel 1

17:15-17:20 5'	<i>Closing remarks</i>	