



Targeting the metabolism-immune system connections in Cancer

MARIE SKŁODOWSKA-CURIE ACTIONS

Innovative Training Network (ITN)

H2020-MSCA-ITN-2017

2nd META-CAN Workshop

Mouse and organomimetic models of cancer and bioinformatics approaches in research

23rd -26th September 2019 – Leuven



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Monday 23rd September

Location: Thermotechnical Institute in Heverlee - room TI 01.02

Time	
9:00 - 10:00	Diether Lambrechts (VIB, Leuven) Single-cell profiling of the tumour micro-environment
10:00 - 11:00	Livio Trusolino (IRCC, Torino) Patient-derived models for precision medicine; The example of colorectal cancer
11:00 - 11:30	Coffee Break
11:30 - 12:30	Abhishek Garg (KU Leuven) Guiding cancer immunotherapy with biomarkers: A case of glioblastoma
12:30 - 13:15	Lunch Break

Tuesday 24th September

Location: Thermotechnical Institute in Heverlee - room TI 01.02

Time	
14:00 - 14:10	Welcome
14:10 - 15:10	Frederik De Smet (KU Leuven) Single-cell, protein-based multiplex analysis of patient-derived brain tumor models
15:10 - 16:10	Bon-Kyoung Koo (IMBA, Vienna) CRISPR/Cas-assisted genetics in intestinal organoids
16:10 - 16:40	Coffee Break
16:40 - 17:40	Jos Jonkers (NKI, Amsterdam) Genetic dissection of breast cancer development and therapy resistance in mouse models
17:40 - 18:40	Sabine Tejpar (UZ Leuven) Cellular and immune landscape of colorectal cancer

Wednesday 25th September

Location: Thermotechnical Institute in Heverlee - room TI 01.02

Time	
9:00 - 10:00	Chris Marine (VIB, Leuven) Nongenetic mechanisms of tumor evolution and therapy resistance
10:00 - 11:00	Marlies Vanden Bempt (VIB, Leuven) Mouse models in Leukemia research
11:00 - 11:30	Coffee Break
11:30 - 12:30	Owen Samson (Beatson Institute, Glasgow) Modelling Colorectal Cancer Metastasis in the Mouse
12:30 - 13:20	Lunch Break
13:20 - 14:20	Els Hermans (VIB, Leuven) What does it take to build and manage a patient-derived tumor xenograft platform?
14:20 - 15:20	Daniel Murphy (Beatson Institute, Glasgow) MYC-dependent transcriptional repression drives immune evasion in pancreatic cancer
15:20 - 16:20	Geert Berx (CRIG, Ghent) Multiple shades of EMT during cancer progression

Thursday 26th September

Location: Thermotechnical Institute in Heverlee - room TI 01.02

Time	
9:00 - 10:00	Luca Primo (IRCC, Torino) Tumor and vascular three-dimensional culture models: cellular dynamics and precision therapeutics approaches
10:00 - 10:30	Chiara Cattaneo (NKI, Amsterdam) Tumor-Immune cell interactions: functional models for individual patients
10:30 - 11:00	Coffee Break
11:00 - 12:00	Enzo Medico (IRCC, Torino) - TBD

12:00 - 13:00	Vincent Van Hoef (VIB, Leuven) Bioinformatics: A Practical Approach
13:00 - 14:00	Lunch Break
14:00 - 14:45	Liesbeth Minnoye (VIB, Leuven) Deciphering gene regulation in cancer at single-cell resolution
14:45 - 15:45	Bart Ghesquière (VIB, Leuven) Tracer Metabolomics: Google Maps of Biochemistry
15:45 - 16:05	Coffee Break
16:05 - 17:05	Bernard Thienpont (KU Leuven) Integrating DNA methylation and gene expression data in tumour biology
17:05 - 18:00	Jermaine Goveia (VIB, Leuven) Metabolic transcriptome profiling in lung tumor endothelial cells
18:00 - 19:00	Eleonora Leucci (KU Leuven) PDXO as suitable models for cancer biology and preclinical research

Directions

Meeting space

Thermotechnical Institute in Heverlee - room TI 01.02

Kasteelpark Arenberg 10
3001 Heverlee, Leuven
Belgium

<https://www.mech.kuleuven.be/en/tme/thermotechnisch-instituut/General>

Directions: <https://www.mech.kuleuven.be/en/tme/thermotechnisch-instituut/routebeschrijving>