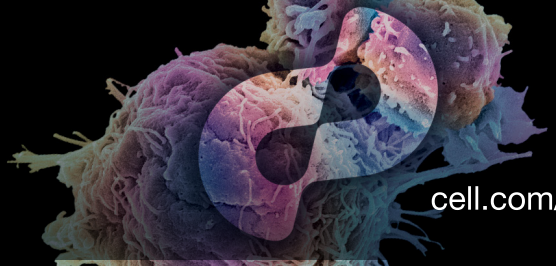
CellPress LabLinks



cell.com/lablinks

Tumor immunology and immunotherapy

November 11 & 12, 2024 | AGORA Cancer Research Center

Program

November 11, 2024	
08:15 – 08:55	**Registration**
09:00 – 09:05	**Welcome remarks**
Session 1:	**Understanding the tumor environment**
09:05 – 9:50	**Keynote Speaker: Maria Rescigno** (Hunimed University) Microbiota in cancer progression and treatment
09:50 – 10:15	**Johanna Joyce** (Ludwig Institute for Cancer research, Lausanne branch) Exploring and therapeutically exploiting tumor ecosystems
10:15 – 10:40	**Ping-Chih Ho** (University of Lausanne) DDRing toward exhaustion
10:40 – 11:05	**Coffee break**
11:05 – 11:30	**Mikaël Pittet** (University of Geneva) Pan-cancer insights into neutrophil states
11:30 – 11:55	**Nicola Aceto** (ETH Zurich) Circulating tumor cells and their interactions with the immune system
11:55 – 13:30	**Lunch**
Session 2:	**Programming and reprogramming the TME**
13:30 – 13:55	**Tatiana Petrova** (University of Lausanne) Targeting tumor vessels for neogenesis of tertiary lymphoid structures
13:55 – 14:20	**Michele De Palma** (EPFL, Swiss Federal Institute of Technology in Lausanne) Engineered dendritic cells
14:20 – 14:45	**Bernhard Gentner** (Lausanne University Hospital) Engineered hematopoietic stem cells to reprogram the tumor microenvironment
14:45 – 15:10	**Coffee break**
15:10 – 15:35	**Denarda Dangaj** (Lausanne University Hospital) Mechanisms of early response and resistance to combinatorial anti-angiogenic and ICB therapy in recurrent human ovarian cancers
15:35 – 16:00	**Douglas Hanahan** (EPFL, Swiss Federal Institute of Technology in Lausanne) FMRP: a master regulator of the immunosuppressive tumor microenvironment

Organizers

George Coukos
Ludwig Institute for Cancer research, Lausanne branch

Johanna Joyce
Ludwig Institute for Cancer research, Lausanne branch

Danielle Loughlin
Editor-in-chief
Trends in Cancer

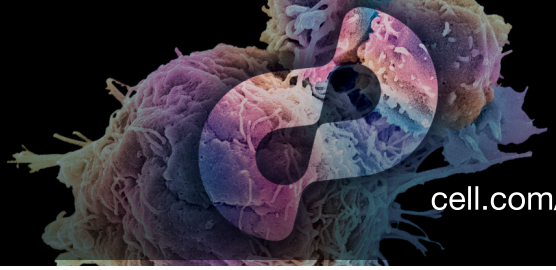
Fabiola Rivas
Deputy editor
Immunity

LUDWIG CANCER RESEARCH

ISREC Fondation Recherche Cancer

50 CellPress

CellPress LabLinks



cell.com/lablinks

Tumor immunology and immunotherapy

November 11 & 12, 2024 | AGORA Cancer Research Center

November 12, 2024	
09:00 – 09:05	**Welcome remarks**
Session 3:	**Unravelling T cell recognition**
09:05 – 9:30	**Michal Bassani-Sternberg** (Lausanne University Hospital) Addressing challenges in neoantigen discovery
09:30 – 09:55	**Alex Harari** (Lausanne University Hospital) Advancing T-cell therapies: Unraveling insights and innovations
09:55 – 10:20	**Sai Reddy** (ETH Zurich) Engineering T cell receptor specificity and function for cancer immunotherapy
10:20 – 10:45	**Coffee break**
10:45 – 11:10	**David Gfeller** (University of Lausanne) Machine learning predictions of antigen presentation and TCR recognition in cancer
11:10 – 11:35	**Benita Wolf** (Lausanne University Hospital) Cryo-expansion microscopy unveils the nanoscale architecture of immune synapses
11:35 – 12:00	**Camilla Jandus** (University of Geneva) Innate and adaptive immune cell help in cancer
12:00 – 13:30	**Lunch**
Session 4:	**Designing T cell therapy for success**
13:30 – 14:15	**Keynote Speaker: Catherine Wu** (Harvard University) Personalized cancer vaccines: Updates and encouraging results
14:15 – 14:40	**Melita Irving** (University of Lausanne) Gene-engineering strategies for improving the efficacy and safety of T cells for cancer immunotherapy
14:40 – 15:05	**Bruno Correia** (EPFL, Swiss Federal Institute of Technology in Lausanne) Computational design of “smart” cells and biologics
15:05 – 15:35	**Coffee break**
15:35 – 16:00	**Caroline Arber** (University of Lausanne) Receptor design for enhanced engineered T cell therapy
16:00 – 16:25	**Li Tang** (EPFL, Swiss Federal Institute of Technology in Lausanne) Type 2 immunity may hold key to long-term cancer remission
16:25 – 16:55	**George Coukos** (Ludwig Institute for Cancer research, Lausanne branch) Engineering T cells for success in solid tumor immunotherapy
16:55 – 17:00	Closing remarks

Organizers

George Coukos
Ludwig Institute for Cancer research, Lausanne branch

Johanna Joyce
Ludwig Institute for Cancer research, Lausanne branch

Danielle Loughlin
Editor-in-chief
Trends in Cancer

Fabiola Rivas
Deputy editor
Immunity

LUDWIG CANCER RESEARCH

ISREC Fondation Recherche Cancer

50 CellPress