MACS® Immuno-Oncology Day

New frontiers in cancer immunotherapy

Friday, July 5, 2019
09:00 a.m.–06:00 p.m.
Aula Magna “Giovanni Agnelli” – Politecnico di Torino
Corso Duca degli Abruzzi, 24
Turin

Agenda

Chairs:
Francesca Di Rosa (Institute of Molecular Biology and Pathology, CNR, Rome)
Franca Fagioli (UniTo)
Enzo Medico (UniTo, IRCCS Candiolo)
Franco Novelli (UniTo)
Andrea Pagnani (PolITo, IIGM)
Dario Sangiolo (UniTO, IRCCS Candiolo)

Confirmed guest speakers:
Vincenzo Barnaba (Sapienza Università di Roma, Rome)
Paolo Dellabona (HSR, Milan)
Cesar Evaristo (Miltenyi Biotec, Bergisch Gladbach)
Antonio Lanza vecchia (IRB, Bellinzona)
Michele Maio (CIO, Siena)

Confirmed guest speakers:

Scientific committee
IIGM, Turin
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Registration
Participation is free of charge. Please register online at
by June 28, 2019.

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PROGRAM

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Morning session

New Mechanistic basis for cancer immunotherapy
Chairs: Andrea Pagnani (Politecnico, IIGM), Francesca Di Rosa (Institute of Molecular Biology and Pathology, CNR, Rome)
09:30 a.m. Innate immunity, inflammation, and cancer: double-edged swords
Alberto Mantovani (Humanitas, Rozzano)
10:00 a.m. NK cell-mediated cancer immunochemotherapy
Angela Santoni (Sapienza Università di Roma, Rome)
10:30 a.m. NK cells in the therapy of acute, high-risk leukemia: KIR/HLA-I mismatch and more
Lorenzo Moretta (OPBG, Rome)
11:00 a.m. Coffee break
11:30 a.m. Epigenetic immune remodelling to improve the efficacy of checkpoints-based cancer therapy
Michele Maio (CIO, Siena)
12:00 p.m. Epigenetic and transcriptional control during CD8+ T cell fate commitment
Luigia Pace (IIGM, Turin)
12:30 p.m. Antibody evolution in the presence or absence of clonal selection
Antonio Lanzavecchia (IRB, Bellinzona)
01:00 p.m. Lunch

Afternoon session I

Tumor immune surveillance and microenvironment
Chairs: Franco Novelli (UniTo), Enzo Medico (UniTo, IRCCS Candiolo)
02:15 p.m. Tumor immunosurveillance and immunotherapy by lipid-specific T cells
Paolo Della Bona (HSR, Milan)
02:45 p.m. Comprehensive analysis of tumor microenvironment from limited patient samples
Cesar Evaristo (Miltenyi Biotec, R&D, Germany)
03:15 p.m. Cancer secretome unveils the secrets of immunosuppression in tumor microenvironment
Vincenzo Barnaba (Sapienza Università di Roma, Rome)
03:45 p.m. Coffee break

Afternoon session II

Programming immune cells for immunotherapy
Chairs: Franca Fagioli (UniTo), Dario Sangiolo (UniTo, Candiolo IRCCS)
04:05 p.m. T lymphocyte diversity: matching specificity and function
Federica Sallusto (IRB, Bellinzona)
04:35 p.m. CART cell therapy: from bench to bedside and beyond
Concetta Quintarelli (OPBG, Rome)
05:05 p.m. Microbiota and cancer treatment
Maria Rescigno (Humanitas, Rozzano)
05:35 p.m. Closing remarks