HDACs as regulators of T cell-mediated immunity in health and disease

SFB-F70: A special research program funded by the Austrian Science Fund (FWF).

www.meduniwien.ac.at/HIT

HDACs IMMUNO-MODULATION TCELLS SFB-F70

SFB F70 Seminar

"Tackling drug resistance in cancer"

Saverio Minucci, MD

Full Professor of Pathology,

Department of Experimental Oncology, European Institute of Oncology

Department of Biosciences, University of Milan

Wednesday, 16.12. 2020, 15:15 Uhr

Location: Online seminar - *Webex*

https://us02web.zoom.us/j/86867545216?pwd=ditlakk4YTZ0ak1jaEdNanpnVkkxZz09

Meeting number: 868 6754 5216

Password: AdB0E1

Host: Christian Seiser

Biosketch

Saverio Minucci studied medicine in Naples, Italy. He was a visiting fellow and visiting associate at the Molecular Growth Regulation Lab, Section on Molecular Genetics of Immunity, National Institutes of Health (1992-1997). Afterwards, he moved to the European Institute of Oncology as a group leader/unit director and since 2014 he is chairman of the new drugs program. In 2017 he has been appointed as Full professor of Pathology. Saverio Minucci is an expert in cancer epigenetics, drug discovery and development as well as haematological malignancies. Research activities in his lab focus on the study of deregulation of chromatin structure/function in cancer with the goal to Identify systematically epigenetic alterations in cancer cells and to exploit this knowledge to optimize epigenetic therapies towards a more targeted approach.

Selected recent publications

- Elgendy M et al. Combination of hypoglycemia and metformin impairs tumor metabolic plasticity and growth by modulating PP2A-GSK3β-MCL-1 axis. Cancer Cell, 2019.
- Magnani L et al., Acquired CYP19A1 amplification is an early specific mechanism of aromatase inhibitor resistance in ERα metastatic breast cancer. Nat Genet, 2017.
- Elgendy M et al. Dual modulation of MCL-1 and mTOR determines the response to sunitinib. J Clin Invest, 2017.