



Lectio Magistralis



Fondazione
Pezcoller



UNIVERSITÀ
DI TRENTO

Dipartimento di
Biologia Cellulare, Computazionale e Integrata - CIBIO

26th Pezcoller Foundation - AACR
International Award for
Extraordinary Achievement in Cancer Research

Dr TAK W. MAK

“Winner of 2023 Pezcoller Award”

May 12, 2023 at 2 p.m.
Polo Ferrari 2 - Room B109
via Sommarive, 9 - Povo, Trento

Information and contacts

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His landmark discoveries about **the structure of the human T-cell receptor and the role of CTLA-4 as a negative regulator of T-cell activation** paved the way for a remarkable series of substantial translational advances in cancer immunology such as the development of CAR T cell technology and the first immune checkpoint inhibitor. Mak's work on oncogenic IDH enzymes led to the development of IDH1/2 inhibitors and their subsequent approval for the treatment of acute myeloid leukemia. He recently bolstered the concept that **immune responses are connected directly to the nervous system** through effector T cell secretion of the neurotransmitter acetylcholine.

