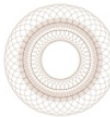




ACCADEMIA NAZIONALE DEI LINCEI

CANCER
CONVERGENCE
EDUCATION
NETWORKSPRINGER NATURE
CDDpress

"Cancer & AI: *understanding clinical co-evolution*"

Friday 30 October, 2026

INSTITUTE FOR
ADVANCED STUDY

Organizing Committee: Arnie LEVINE (Institute for Advanced Study, Princeton, USA),
Gerry MELINO (Linceo, Università Roma Tor Vergata)

Secretariat: LUCILLA BONGIORNO-BORBONE, SUZANNE CHRISTEN, GIULIA CORSINO

The symposium plans to discuss the state of the art of developments in the field of cancer biology between Institute for Advanced Study (IAS) and Italian colleagues hosted by the Italian Academy of Sciences (Accademia dei Lincei).

PRELIMINARY PROGRAM

10:00 Opening, Carlo Doglioni (ANL vice President)
Gerry Melino (ANL), Arnie Jay LEVINE (IAS)

SESSION 1 Chair: Tak Mak (Toronto) & Giovanni Blandino (Rome)

10:15 [Keynote Lecture] **Arnie Jay LEVINE**, Institute for Advanced Study: "Evolution of p53 biology and therapy"

11:00 **Jamie BLUNDELL**, Cambridge, UK: "AI & Cancer evolution"

11:30 **Francesca BERNASSOLA**, Rome: "WWP1 in therapy resistance and metabolic reprogramming in AML"

11:45 - 12:00 *break*

SESSION 2 Chair: Arnie Levine (IAS) & Paolo Costantino (ANL)

12:00 [Keynote Lecture] **Tak Wah MAK**, Toronto: "Neuro-immune regulation"

12:45 **Maria RUIZ ORTEGA**, MSKCC, NY: "GITR agonism with PD-1 and LAG-3 blockade"
Chair : Jamie Blundell (Cambridge)

13:00 - 14:00 *Lunch*

SESSION 3 Chair: Jamie Blundell (Cambridge) & Mauro Piacentini (Rome)

14:00 **Raul RABADAN**, Columbia University, NY: "Illuminating the Dark Cancer Genome using Foundation Models"

14:30 **Helen CHOI**, Stanford, CA: "Metabolic interactions underlying microbial coexistence in *Enterococcus*-dominated gut communities"

14:45 **Matthijs MEIJERS**, MSKCC, NY: "An integrative model for peptide immunogenicity"

15:00 **Gerry MELINO**, ANL: "Trump, Coca-Cola & Warburg"

15:30 - 16:00 *break*

SESSION 4 Convener: G Melino (ANL)

16:00 - 17:00 **General Discussion on Scuola Lincei IAS**

Arnie J Levine, Suzanne Christen, Carlo Doglioni, Luisa Torsi

Acknowledgement: Support from Cancer Convergence Education Network (CCEN), CDDpress/Springer Nature and Accademia Nazionale Lincei. **Diretta streaming:** [canali lincei](https://canali.lincei.it)

Conference Venue: Accademia di Lincei, Palazzo Corsini, Via della Lungara 10, 00165 Rome <https://www.lincei.it/it>
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