

**PRECISION
MEDICINE** HELLENIC
NETWORK

PRECISION MEDICINE IN ONCOLOGY

complementary perspectives

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Hellenic Pasteur Institute Auditorium

RESEARCH
& INNOVATION

GSRT
GENERAL SECRETARIAT FOR
RESEARCH AND TECHNOLOGY

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Υπουργείο Παιδείας,
Έρευνας και Θρησκευμάτων

ΥΠΟΥΡΓΕΙΟ
ΠΑΙΔΕΙΑΣ
ΕΡΕΥΝΑΣ ΚΑΙ ΘΡΗΣΚΕΥΜΑΤΩΝ

Session I.

● The Hellenic Precision Medicine Network in Oncology

[Chairs: Kostas Stamatopoulos, George Chourdakis]

10.00 - 10.10	Precision Medicine: a Research Mission	Costas Fotakis
10.10 - 10.20	Precision Medicine: a Healthcare Priority	Andreas Xanthos
10.20 - 10.30	Hellenic Precision Medicine Network in Oncology: update and future steps	Kostas Stamatopoulos

Session II.

● European initiatives

[Chairs: Athanasios Meletios Dimopoulos, Dimitrios Thanos]

10.30 - 10.50	Genomic Medicine Sweden	Richard Rosenquist
10.50 - 11.10	The MASTER Molecular Stratification Program	Simon Kreutzfeldt
11.10 - 11.30	Genomics England	Anna Schuh
11.30 - 11.50	1,000,000 Genomes	Dimitrios Thanos

11.50 - 12.10 Coffee break

Session III.

● From the Bench to the Bedside and Back

[Chairs: Asterios Karagiannis, Penelope Korkolopoulou]

12.10 - 12.30	Real World Evidence as a stepping stone for Precision Medicine	Anastasia Chatzidimitriou
12.30 - 12.50	Precision Medicine and Model Systems	Dimitrios Kontogiannis
12.50 - 13.10	From Precision Medicine to Systems Medicine	Nektarios Tavernarakis

13.10 - 14.00 Lunch break

Session IV.

● Data Sciences for Precision Medicine in Oncology

[Chairs: Yannis Ioannidis, Dimitrios Plexousakis]

14.00 - 14.20	Bioinformatics workflows in clinical applications	Valtteri Wirta
14.20 - 14.40	Convergence of NGS data analysis and machine learning for clinical applications	Manja Meggendorfer
14.40 - 15.00	Open issues for NGS data management and analysis in diagnostic environments	Irini Fundulaki

Session V.

● Critical components to Precision Medicine in Oncology

[Chairs: Helen Papadaki, Ioannis Boukovinas]

15.00 - 15.15	Ethicolegal aspects	Panagiotis Vidalis
15.15 - 15.30	The patients' perspective	Kathy Apostolidis
15.30 - 15.45	Supporting precision medicine research: the role of national health IT systems	Anastasios Tagaris
15.45 - 16.00	The industry perspective	Makis Papataxiarchis

16.00 - 16.30 Coffee break

Session VI. Q&A session.

● Clinical and Societal Implications

16.30 - 17.15	Moderators Kostas Stamatopoulos, George Nounesis Comments Othon Iliopoulos, Dimitrios Mavroudis Closing remarks Matrona Kyprianidou
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