

Thursday 3 September 2026
Rodostamo Hotel

Welcome from Scientific Chairs **H. Linardou, A. Prelaj**
Introduction and framework setting **N. Ghaffari-Laleh, G. Scoazec**

15:30-16:00	AI Bootcamp for Oncology: Shared Language, Common Traps and What Clinicians and Data Scientists Need From Each Other E. Fountzila
16:00-16:20	Translating clinical needs into AI research questions H. Linardou
16:20-16:40	Imaging, molecular and clinical data integration in precision oncology R. Perez-Lopez
16:40-17:00	Selecting models for clinical and translational oncology - from prediction to treatment decision D. Truhn

17:30-18:00	Designing metrics for treatment selection: causal Machine Learning and predictive treatment effects L. Provenzano
18:00-18:30	Interpretability, uncertainty, and trust in clinical decision support systems - is explainability necessary for clinicians? A. Grigoriadis
18:30-19:00	Discussion and wrap-up



Friday 4 September 2026
Rodostamo Hotel & Ionian Academy

~~~~~ **Rodostamo Hotel** ~~~~~

**09:30-11:30 Session 3**  
**Interactive workshop-Project Incubator I: From Clinical Problem to Innovation Pathway**  
**Moderators: H. Linardou, I. Mountzios**  
 Building a research project from concept to innovation pathways

**11:30-12:00 Coffee break**

**12:00-13:30 Session 4**  
**From Diagnostic AI to Trusted Adoption: Pathology, Clinicians and Patients**  
**Moderators: I. Boukovinas, K. Papadopoulou**

12:00-12:30 Digital Pathology in diagnostic workflows **S. Caruso**  
 12:30-13:00 Trust, expectations, and concerns around clinical AI - doctor and patient perspectives **A.T. Pearson**  
 13:00-13:30 Discussion

**13:30 Lunch Break**

~~~~~ **Ionian Academy** ~~~~~

17:00-17:30 Satellite session

17:30-18:00 AI for Patients, Access and Peripheral Regions: What Problems Are We Actually Solving?
Moderators: H. Linardou, A. Prelaj, N. Korfiatis

 Moderated **roundtable discussion** on AI integration in healthcare with different stakeholders from Academia, State (*Ministry of Health, Ionian Region*), Industry and Hospital (*Corfu Hospital and HHG Center of Clinical Research & Innovation*)

18:00-20:00 Opening Ceremony
Moderators: H. Linardou, A. Prelaj, N. Korfiatis
 Institutional Welcome/ Officials

18:00-19:00 Keynote lecture I
 From pixels to population health: the next frontier of AI in Medicine and Healthcare **E. Sala**

19:00-20:00 Keynote lecture II
 AI and the future of cancer care: from detection to decision intelligence **J.N. Kather**



Saturday 5 September 2026
Rodostamo Hotel

10:30-13:00 Session 5

AI in the clinical setting

Moderators: M. Crispin-Ortuzar, A. Chatzidimitriou

- 10:30-11:00 AI-assisted design and bias control for oncology studies **N. Korfiatis**
- 11:00-11:30 The Hidden Curriculum of Clinical AI: Data Quality, Bias, Missingness and Multicentre Collaboration **E. Minga**
- 11:30-12:10 Clinical use case: Predicting immunotherapy response from multimodal datasets (I3Lung) **L. Provenzano**
- 12:10-12:40 Real-world data, EHRs and oncology AI: opportunities, biases and evidence generation **G. Gavrilidis**
- 12:40-13:00 Discussion

13:00-13:30 Coffee break

13:30-14:30 Session 6

AI for preclinical research and discovery: omics, imaging and validation

Moderators: H. Linardou, P. Skarlos

- 13:30-14:00 AI-driven biomarker discovery for clinical applications **M. Crispin-Ortuzar**
- 14:00-14:30 AI and the next generation of cancer clinical trials **N. Spathas**

14:30-15:30 Lunch break

15:30-17:00 Session 8

Group Work- Project Studio I: Methods, Validation, Risks, and Proof-of-Concept

Moderators: A. Prelaj, A. Christopoulou

Build and present a project strategy: methodology, validation plan, risks, and preliminary workflow or proof of concept

17:00-17:30 Wrap-up

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| 09:30-10:00 | Digital health tools in oncology: remote monitoring, patient-reported outcomes and AI-supported care pathways Th. Kosmidis |
| 10:00-10:30 | From AI tools to clinical workflows: evidence, implementation and adoption A. Prelaj |
| 10:30-11:00 | Agents in medicine: current landscape, research, clinical opportunities and open challenges N. Ghaffari-Laleh |
| 11:00-11:30 | Reliability and evaluation of agentic AI for healthcare applications F. Corso |

12:00-13:30 Session 10
Group Work- Project Studio II: Building the final project
Moderators: N. Ghaffari-Laleh, G. Scoazec
 Final 4-slide project: rationale, methods, feasibility - first results, translation pathway, next steps

14:30-15:30 Session 11
Agentic and multi-agentic AI
Moderators: N. Ghaffari-Laleh, G. Scoazec

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| 14:30-15:00 | AI Agents for research: trial matching and knowledge synthesis L. Verlingue |
| 15:00-15:30 | Multi-Agent systems, for pipelines from data analysis to real time therapeutic decision M.C. Garassino |

17:30-18:00 **Wrap-up**



Monday 7 September 2026
Rodostamo Hotel

09:30-11:00 Session 13

Ethics, value and impact

Moderators: A. Christopoulou, E. Ntouvelis

- 09:30-09:50 Ethical challenges and Data Protection in AI for cancer care **I. Michalopoulou**
- 09:50-10:10 AI in the MDR / SaMD framework: practical essentials **S. Gilbert**
- 10:10-10:30 Health economic aspects of AI tools for healthcare and oncology **P. Bassios**
- 10:30-11:00 Discussion

11:00-13:00 Session 14

Science Slam

Moderators: M. Gustav, N. Ghaffari-Laleh

Group work, back-to-back presentations with evaluation from faculty
Teams present their projects in a 1:1 format, with two groups tackling the same challenge presenting back-to-back (4 min each + moderated discussion). Projects are evaluated by faculty, sponsors, and participants based on scientific quality, feasibility, translational relevance, and presentation clarity.

13:00-13:30 Closing Remarks and Awards

ΚΑΤΑΛΟΓΟΣ ΟΜΙΛΗΤΩΝ ΠΡΟΕΔΡΩΝ

| Last Name | First Name | Title |
|-----------------|---------------|---|
| Bassios | Panos | Digital, Data & Analytics Director, MSD Greece, Cyprus and Malta |
| Boukovinas | Ioannis | MD, PhD, PharmaD, Medical Oncologist, Head of Oncology Unit, Bioclinic, Thessaloniki, Greece |
| Caruso | Stefano | Institut Mondor de Recherche Biomédicale (IMRB), Hôpital Henri Mondor, Créteil, France |
| Chatzidimitriou | Anastasia | Director, Institute of Applied Biosciences, Centre for Research and Technology Hellas (INAB/CERTH), Thessaloniki, Greece |
| Christopoulou | Athina | MD, MSc, PhD, Head, Department of Internal Medicine, Division of Clinical Oncology, St. Andrew's General Hospital of Patras, Greece |
| Corso | Federica | PhD, Department of Medical Oncology, Fondazione IRCCS Istituto Nazionale dei Tumori di Milano, Milan, Italy |
| Crispin-Ortuzar | Mireia | Group Leader, Early Cancer Institute, University of Cambridge
Group Leader, Early Cancer Institute, University of Cambridge |
| Fountzila | Elena | Medical Oncologist, Clinical Associate Professor, German Oncology Center, EUC, St. Luke's Clinic, Thessaloniki, Greece |
| Garassino | Marina-Chiara | Professor of Medicine, Director, Thoracic Oncology Program, The University of Chicago, Medicine and Biological Sciences, Chicago, USA |
| Gavriilidis | Giorgos | PostDoctoral Researcher in singlecell omics, Institute of Applied Biosciences (INAB), Centre for Research and Technology Hellas (CERTH), Thessaloniki, Greece |
| Ghaffari-Laleh | Narmin | Senior AI Researcher in Computational Pathology, TU Dresden and Heidelberg University, Germany |
| Gilbert | Stephen | Professor of Medical Device Regulatory Science, Technische Universität Dresden |
| Grigoriadis | Anita | Professor of Molecular and Digital Pathology in the School of Cancer & Pharmaceutical Sciences, in the Faculty of Life Sciences and Medicine at King's College London |
| Gustav | Marco | PhD Candidate, Technische Universität Dresden |
| Kather | Jakob-Nikolas | Professor of Medicine and Computer Science, Chair of Clinical Artificial Intelligence, TUD Dresden University of Technology, Dresden, Germany |
| Korfiatis | Nikolaos | Professor of Data Management, Ionian University, Corfu, Greece and OECD |
| Kosmidis | Paris | Medical Oncologist, Director, 2nd Oncology Clinic, Hygeia Hospital, Athens, Greece |
| Kosmidis | Thanos | CEO, CareAcross, London, UK |
| Linardou | Helena | MD PhD, Imperial College London, Director, 4th Oncology Dept & Clinical Trials Center, Metropolitan Hospital, Scientific Chair HeCOG, Athens, Greece |
| Lo Russo | Giuseppe | MD, PhD, Thoracic Oncology Unit, Medical Oncology, Department 1, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy |
| Michalopoulou | Ioanna | LL.M. Medical, Pharma & Life Sciences Attorney at Law, Athens, Greece |
| Minga | Evangelia | Electrical and Computer Engineer, Functional Scientific Personnel, Institute of Applied Biosciences (INAB), Centre for Research and Technology Hellas (CERTH), Thessaloniki, Greece |

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| Mountzios | Ioannis | MD, MSc, PhD, Medical Oncologist, Director, 4th Oncology Clinic and Clinical Trials Department, Henry Dunant Hospital Center, ONCOLIFE Network Founder, Athens, Greece |
| Ntouvelis | Evangelos | PhD, Medical Oncologist, Head, Oncology Unit, Corfu General Clinic, Corfu, Greece |
| Papadopoulou | Kyriaki | PhD, Mrs, MSc, Biologist, Director, Laboratory of Molecular Oncology, Hellenic Foundation for Cancer Research, Thessaloniki, Greece |
| Pearson | Alexander T. | MD, PhD, Director, Center for Computational Medicine and Clinical AI, Director, Head/Neck Cancer Program, Associate Professor of Medicine, The University of Chicago, Chan Zuckerberg Biohub Investigator, Chicago, USA |
| Perez-Lopez | Raquel | Group Leader Radiomics Group, Consultant Radiologist, Vall d' Hebron Institute of Oncology, VH University Hospital, Barcelona, Spain |
| Prelaj | Arsela | Thoracic Medical Oncology, PhD in Bioengineering and AI, Head of AIONLab, Istituto Nazionale dei Tumori, Milan, Italy |
| Provenzano | Leonardo | MD, PhD Student, Medical Oncology Department, Fondazione IRCCS Istituto Nazionale dei Tumori, Milan |
| Sala | Evis | Professor of Radiology, Università Cattolica del Sacro Cuore, Rome, Italy, Minister of Health and Social Welfare of Albania |
| Scoazec | Giovanni | ESAC, Italy |
| Skarlos | Pantelis | Assistant Professor of Radiation Oncology of Thessaly University, Scientific Associate of B' Radiation Oncology Clinic, Metropolitan Hospital, Athens, Greece |
| Spathas | Nikolaos | Medical Oncologist, Consultant, 4th Oncology Department, Metropolitan Hospital, Athens, Greece |
| Truhn | Daniel | Professor of Radiology, Institute of Imaging and Computer Vision, University Hospital, Aachen, Germany |
| Verlingue | Loic | MD, PhD, Investigator in the Early Phase Clinical Trial Unit of Centre Léon Bérard, Head of the Molecular Tumor Board, Research Group leader at CRCL, Lyon, France |