

# AI MEETS CANCER RESEARCH SYMPOSIUM 2024

## LOCATION

SPANISH NATIONAL CANCER RESEARCH CENTRE – CNIO  
MELCHOR FERNÁNDEZ ALMAGRO, 3, 28029  
MADRID, SPAIN

## SYMPOSIUM CHAIRS

**MARIA A. BLASCO, PHD**

DIR. OF THE SPANISH NATIONAL CANCER RESEARCH CENTRE (CNIO)

**RAUL RABADAN, PHD**

DIR., MATHEMATICAL GENOMICS PROGRAM (PMG), DEPT. SYSTEMS BIOLOGY &  
BIOLOGICAL INFORMATICS, COLUMBIA UNIVERSITY IRVING MEDICAL CENTER

**ANIL RUSTGI, MD**

DIR. HERBERT IRVING COMPREHENSIVE CANCER CENTER,  
COLUMBIA UNIVERSITY IRVING MEDICAL CENTER (HICCC)

**ALFONSO VALENCIA, PHD**

DIR. LIFE SCIENCES DEPT. ICREA RESEARCH PROFESSOR,  
BARCELONA SUPERCOMPUTING CENTER (BSC).

11, 12  
NOV  
2024

AIMCR  
REGISTRATION





# AI MEETS CANCER RESEARCH SYMPOSIUM 2024

**NOV 11, 2024**

**10:00 - 10:50 REGISTRATION**

**10:50-11:30 INTRO AND WELCOME**

**SYMPOSIUM CHAIRS**

**MARIA A. BLASCO, DIR.**

Spanish National Cancer  
Research Centre (CNIO)

**RAUL RABADAN**

Program for Mathematical Genomics  
Department of Systems Biology  
Columbia University Medical Center

**EMER SMYTH**

Herbert Irving Comprehensive Cancer Center  
Columbia University Irving Medical Center

**ALFONSO VALENCIA**

Computational Biology Life Sciences Group  
Barcelona Supercomputing Center

**11:30 - 13:10 1ST SESSION**

**CANCER RESEARCH**

**CHAIR: RAUL RABADAN**

**MOHAMMED ALQURAISHI**

Program for Mathematical Genomics  
Department of Systems Biology  
Columbia University Medical Center

**FATIMA AL-SHAHROUR**

Bioinformatics Unit  
Spanish National Cancer Research Centre (CNIO)

**ANUM GLASGO**

Department of Biochemistry/MolBiophyscs  
Columbia University Irving Medical Center

**OSCAR LLORCA**

Macromolecular Complexes in DNA Damage  
Response  
Spanish National Cancer Research Centre (CNIO)

**13:10 - 13:30 BREAK**

**13:30-15:10 2ND SESSION CANCER RESEARCH**

**CHAIR: MARIA BLASCO**

**RAUL RABADAN**

Program for Mathematical Genomics  
Department of Systems Biology  
Columbia University Medical Center

**MICHAL LEVO**

Program for Mathematical Genomics  
Dept Biochemistry/MolBiophyscs  
Columbia University Medical Center

**NURIA MALATS**

Genetic and Molecular Epidemiology Group  
Spanish National Cancer Research Centre (CNIO)

**TAL KOREM**

Program for Mathematical Genomics  
Department of Systems Biology  
Columbia University Medical Center

**15:10 - 16:45 LUNCH BREAK**

**16:45 -18:00 3RD SESSION AI**

**CHAIR: ALFONSO VALENCIA**

**ISIDRO CORTÉS**

European Molecular Biology Laboratory  
(EMBL-EBI)

**DAVID TORRENTS**

Life Sciences - Computational Genomics  
Barcelona Supercomputing Center

**ANTONIO RAUSELL**

Clinical Bioinformatics Research lab  
Imagine Institute Paris

**18:00 - 19:30 NETWORKING - Open discussion -  
All attendees welcome**



# AI MEETS CANCER RESEARCH SYMPOSIUM 2024

**NOV 12, 2024**

**10:00 - 10:25 REGISTRATION**

**10:25 2ND DAY WELCOME**

**CHAIR: RAUL RABADAN**

**10:30-11:45 4TH SESSION: AI**

**CHAIR: EMER SMYTH**

**MACHA NIKOLSKI**

Bordeaux Bioinformatics Center (CBiB)

Université Bordeaux

**SOLIP PARK**

Computational Cancer Genomics Group

Spanish National Cancer Research Centre (CNIO)

**DANIEL GONZÁLEZ-PEÑA**

Bioinformatics & Machine Learning  
University of Vigo

**11:45 - 12:05 BREAK**

**12:05 - 13:20 5TH SESSION: AI & MOLECULES**

**CHAIR: OSCAR LLORCA**

**YUFENG SHEN**

Program for Mathematical Genomics

Department of Systems Biology

Columbia University Irving Medical Center

**JOAQUIN DOPAZO**

Computational Systems Medicine Group

Fundación Progreso y Salud

**DANIEL RICO**

Computational Epigenomics and Cell Identity  
CABIMER Sevilla

**13:20- 13:40 BREAK**

**13:40- 14:55 6TH SESSION: AI & MOLECULES**

**CHAIR: FATIMA AL-SHAHROUR**

**VÍCTOR M PÉREZ GARCÍA**

Mathematical Oncology

University of Castilla

Mancha University

**13:40- 14:55 6TH SESSION: AI & MOLECULES  
(CONTINUED)**

**ALBERTO CICCIA**

Department of Genetics & Development

Columbia University Irving Medical Center

**DESPINA KONTOS**

Department of Radiology

Columbia University Irving Medical Center

**15:00 - 16:30 LUNCH BREAK**

**16:30 - 17:45 7TH SESSION: CANCER RESEARCH**

**CHAIR: ALBERTO CICCIA**

**GEOFF MACINTYRE**

Computational Oncology

Spanish National Cancer Research Centre (CNIO)

**JAEWON MIN**

Department of Pathology and Cell Biology

Columbia University Irving Medical Center

**VERA PANCALDI**

Life Sciences - Computational Biology Life  
Sciences Group

Barcelona Supercomputing Center

**17:45 SYMPOSIUM CLOSE**

**SYMPOSIUM CHAIRS**

MARIA A. BLASCO

RAUL RABADAN

EMER SMYTH

ALFONSO VALENCIA