

EACR

European Association
for Cancer Research

CONFERENCES

www.eacr.org

EACR-Mark Foundation
**The Rise of Early-Onset
Cancers: Biology,
Causes, and Detection**

11-13 November 2025 | Bergamo, Italy

Scientific Programme Committee

Alberto Bardelli (Chair)
Yin Cao

Shuji Ogino
Salvatore Siena

Scan the QR code to access online conference
resources, including speaker and poster abstracts



EACR onsite team



Hannah Barrs
Conference Officer



Kathryn Wass
Conferences Manager



Alexandra Boitor
Scientific Manager



Andrew Binns
Membership Manager

Conference dinner

Optional ticketed event: Wednesday 12 November, 19:30

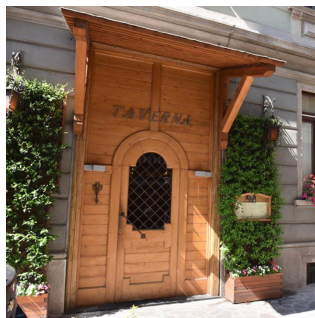
The conference dinner will take place on the second night of the meeting at the atmospheric Ristorante Taverna Valtellinese, a short walk from the conference venue. It will be an excellent opportunity for participants and speakers to get to know each other in a relaxed and informal environment.

A four-course meal will be served, with wine and coffee included in the ticket price.

Venue

Taverna Valtellinese
Via G. Tiraboschi 57
24122 Bergamo

www.tavernavaltellinese.it



Directions from the conference venue

It takes less than 10 minutes to walk from the conference venue to the dinner venue. Head north-west on Viale Papa Giovanni XXIII and turn left onto Largo Porta Nuova, which becomes Via G. Tiraboschi. The entrance to the Taverna is just down the side street called Passeggiata Zeduri.

8 top speakers:

Melissa Junttila	Adrian Saurin
Janne Lehtiö	Zuzana Storchová
Lior Lobel	Andreas Trumpp
Arjun Raj	Stephan Vagner

Signalling mechanisms' roles in cancer progression and therapy resistance

Focus on the mechanistic aspects of post translational and transcriptional regulation of cancer cell signalling, as well as OMICS-based understanding of cancer cell signalling circuits.

- Kinases and phosphatases
- Post-translational protein regulatory switches
- Non-genetic signalling rewiring
- Proteogenomic signal integration
- RNA biology in cancer
- Therapy tolerance and resistance

EACR Conference

SIGNALLING CIRCUITS IN CANCER

Virtual event | 10 - 11 February 2026

eacr.org/conferences



EACR Conference THE TUMOUR ECOSYSTEM

From Mechanisms to
Novel Therapeutics

17 - 19 March 2026, Bergamo

eacr.org/conferences



15 top speakers including:

Johanna Joyce
Anna Obenauf
Erik Sahai
Ilaria Malanchi

Yardena Samuels
Jacco van Rheenen
Ashani Weeraratna
Andrea Schietinger

Explore cutting-edge research and its implications for novel cancer therapies

- The role of inflammation and immunity in tumour progression and metastasis.
- Tumour-host interactions in response to therapy.
- Cancer interactions with the nervous system.
- Organ-specific metastatic niches.

EACR Conference

CANCER GENOMICS, MULTIOMICS & COMPUTATIONAL BIOLOGY

12 - 14 May 2026, Essen

eacr.org/conferences



16 top speakers including:

Yardena Samuels
Nuria Lopez-Bigas
Nicholas McGranahan
Jessica Zucman Rossi

Andrea Sottoriva
Itay Tirosh
Elaine Mardis
Carlos Caldas

A conference covering the full breadth of innovation transforming the field

- Cancer genomics and epigenomics
- Single cell-resolved tumour analysis
- Machine learning and artificial intelligence
- Spatial biology and molecular pathology
- Cell tracking to monitor evolution and plasticity
- Cancer evolution and immune evasion

16 top speakers including:

Christina Curtis John Maciejowski
Daniele Fachinetti Sarah McClelland
Jan Korbel Serena Nik-Zainal
Susanne Lens Ofer Shoshani

Uncover how chromosomal chaos shapes cancer biology and opens new avenues for clinical intervention

- Genetics & genomics of chromosomal catastrophes
- Emerging technologies & model systems to measure and study chromosomal instability
- Therapeutic vulnerabilities & clinical opportunities
- Various chromosomal alterations, their formation and cellular consequences

EACR Conference CHROMOSOMES IN CRISIS:

From Chromosomal
Instability to Catastrophes
in Cancer Genomes

3 - 5 November 2026, Berlin

eacr.org/conferences



The Rise of Early-Onset Cancers

Tag us   @helloeacr | Wi-Fi: CCGXXIII-CentroCongressi | Password: CentroCongressi

Day 1 | Tuesday 11 November

All posters
can be put up

From 11:30

REGISTRATION

12:00-13:00

WELCOME REFRESHMENTS

A chance to meet fellow attendees and enjoy a light buffet

13:00-13:10

CONFERENCE WELCOME

Scientific Programme Committee

SESSION 1: GLOBAL LANDSCAPE OF EARLY-ONSET CANCERS (1) Chair: Alberto Bardelli

13:10-13:35

OPENING KEYNOTE LECTURE

Q&A: 13:35-13:50

Yin Cao Washington University in St. Louis, USA

'Accelerating cancer risk factor discovery for younger and future generations'

13:50-14:10

Ahmedin Jemal American Cancer Society, USA

Q&A: 14:10-14:20

'The changing landscape of early-onset cancers'

14:20-14:30

José Montes de Oca Carlos

Q&A: 14:30-14:35

Instituto de Investigaciones Biomédicas, Mexico

Proffered Paper 1: 'Accelerated Tumor Aging in Mexican Breast Cancer Patients: Integrating Transcriptional Clocks with Functional Models'

14:35-14:45

EXHIBITOR INTRODUCTIONS

14:45-15:15

COFFEE, EXHIBITION AND SOLO MEET-UP

Solo travellers are invited to meet up at the EACR banner to connect with fellow adventurers

15:15-15:35

Giulia Martina Cavestro UniSR, Italy

Q&A: 15:35-15:45

'Diet and lifestyle as associated factors in early-onset colorectal cancer: Preliminary data from the DEMETRA study'

15:45-16:05

Andrew Biankin University of Glasgow, UK

Q&A: 16:05-16:15

'Moving away from a one size fits all for young people with cancer'

16:15-16:25

POSTER SPOTLIGHTS

Posters 1, 3 and 5 will be presented in 3-minute 'flash talks'

16:25-17:00

NETWORKING QUIZ

This fun, informal quiz offers the chance to make new connections with speakers and your fellow participants.

17:00-18:00



WELCOME RECEPTION BUFFET AND DRINKS

18:00-19:30

POSTER DISCUSSION SESSION 1

Presenters of odd-numbered posters (1, 3, 5...etc) should stand by their boards.

Day 2 | Wednesday 12 November

08:30-09:00



EARLY POSTER VIEWING WITH COFFEE

09:00-09:15

CEGAT INDUSTRY SPOTLIGHT

Marco Silvano CeGaT

'21st Century genetic oncodiagnostics'

09:15-09:35

Q&A: 09:35-09:45

SESSION 2: GLOBAL LANDSCAPE OF EARLY-ONSET CANCERS (2) Chair: Shuji Ogino

Ulrike Peters Fred Hutchinson Cancer Center, USA

'Early onset colorectal cancer: Integrating epidemiological trends with molecular mechanisms'

09:45-09:55

Q&A: 09:55-10:00

Seongmi Russell Washington University in St Louis, USA

Proffered Paper 2: 'Early-Life Colonization by Enterotoxigenic Bacteroides fragilis Drives Early-Onset Colorectal Cancer Susceptibility'

10:00-10:20

Q&A: 10:20-10:30

Jelle Wesseling NKI, Netherlands

'Ductal Carcinoma In Situ: When cancer is not really cancer'

10:30-10:40

Q&A: 10:40-10:45

Ilenia Laterza Istituto Superiore di Sanità, Italy

Proffered Paper 3: 'The Role of E. coli Toxin CNF1 in Colorectal Cancer Progression and Metastasis'

10:45-11:15



COFFEE BREAK & EXHIBITION

11:15-11:35

Q&A: 11:35-11:45

José Perea Biomedical Research of Salamanca, Spain

'Immunometabolic dimension of early-onset colorectal cancer. Paradigm for the other early-onset cancers?'

11:45-11:55

Q&A: 11:55-12:00

Muhammad Shah Zaib University of Trento, Italy

Proffered Paper 4: 'Microbiome alterations of colorectal cancer according to age of onset, stage, and anatomic location'

12:00-12:10

POSTER SPOTLIGHTS

Posters 2 and 4 will be presented in 3-minute 'flash talks'

12:10-12:30

Q&A: 12:30-12:40

SARTORIUS SYMPOSIUM

Gennaro De Vita Sartorius

'Innovative Bioanalytical Tools for Enhanced Live-Cell Imaging'

12:40-13:40



LUNCH BREAK *light refreshments will be served*

13:40-15:10

POSTER DISCUSSION SESSION 2

Presenters of even-numbered posters (2, 4, 6...etc) should stand by their boards.

SESSION 3: CLINICAL, MOLECULAR AND BIOLOGICAL FEATURES

Chair: Salvatore Siena

15:10-15:35

Q&A: 15:35-15:50

KEYNOTE LECTURE

Shuji Ogino Harvard University, USA

'Assessing long-term risk factor exposures is a critical gap in early-onset cancer research: how can we overcome it using tumor biomarker analyses?'

15:50-16:00

Q&A: 16:00-16:05

Silvana C E Maas VHIO, Spain

Proffered Paper 5: 'Methylation fingerprints expose novel environmental contribution to early-onset colorectal cancer'

16:05-16:15

Q&A: 16:15-16:20

Giulia Calafato Universitaria di Bologna, Italy

Proffered Paper 6: 'Dysregulation of Wnt/ β -catenin/mTOR axis and intestinal stemness cross-talk in obesity-dependent early-onset colorectal cancer'

16:20-16:40

Q&A: 16:40-16:50

Irit Ben-Aharon Rambam Health Care Campus, Israel

'The evolving enigma- early onset colorectal cancer'

16:50-17:20



COFFEE BREAK & EXHIBITION

17:20-17:40

Q&A: 17:40-17:50

Nicola Segata University of Trento, Italy

'The microbiome in early-onset colorectal cancer'

17:50-18:10

Q&A: 18:10-18:20

THE EMBO KEYNOTE LECTURE

Alberto Bardelli IFOM, Italy

'The exposome and early onset colorectal cancers'

19:30



OPTIONAL CONFERENCE DINNER

A four-course meal held at the atmospheric Ristorante Taverna Valtellinese (optional ticketed event).

Day 3 | Thursday 13 November

08:30-09:00



EARLY POSTER VIEWING WITH COFFEE

09:00-09:20

Q&A: 09:20-09:30

SESSION 4: EXPERIMENTAL MODELS Chair: Yin Cao

Cheryl Walker Baylor College of Medicine, USA

'Epigenomic reprogramming by early life environmental exposures alter cancer risk in adulthood'

09:30-09:50

Q&A: 09:50-10:00

Gianluca Mauri Ospedale Niguarda, Italy

'From biological understanding to personalized clinical management of early-onset colorectal cancer'

10:00-10:10

Q&A: 10:10-10:15

Pauliina Kallio University of Helsinki, Finland

Proffered Paper 7: 'A Multipotent PROX1+ Tumor Stem/Progenitor Cell Population Emerges During Intestinal Tumorigenesis and Mediates Treatment Resistance in Early-Onset Colorectal Cancer'

10:15-10:45



COFFEE BREAK & EXHIBITION

10:45-11:05

Q&A: 11:05-11:15

Selma Masri UC Irvine, USA

'Circadian Clock Misalignment in Colorectal Cancer: Links with Early-Onset Disease'

11:15-11:40

Q&A: 11:40-11:55

CLOSING KEYNOTE LECTURE

Sir Mike Stratton Wellcome Sanger Institute, UK

'Mutagenic exposures to normal colorectal epithelium and their potential role in early-onset colorectal cancer'

11:55

SUMMARY, AWARDS AND DEPART

GET
UPDATES:
eacr.org/congress

Annual Congress of the

EACR 2026

08 - 11 June | Budapest

Innovative Cancer Science

European Association for Cancer Research

**OUTSTANDING
SCIENCE IN A
WELCOMING
ENVIRONMENT**

**GREAT NETWORKING
OPPORTUNITIES
WITH 2000+ CANCER
RESEARCHERS**

**98% OF
PARTICIPANTS
WOULD
RECOMMEND**

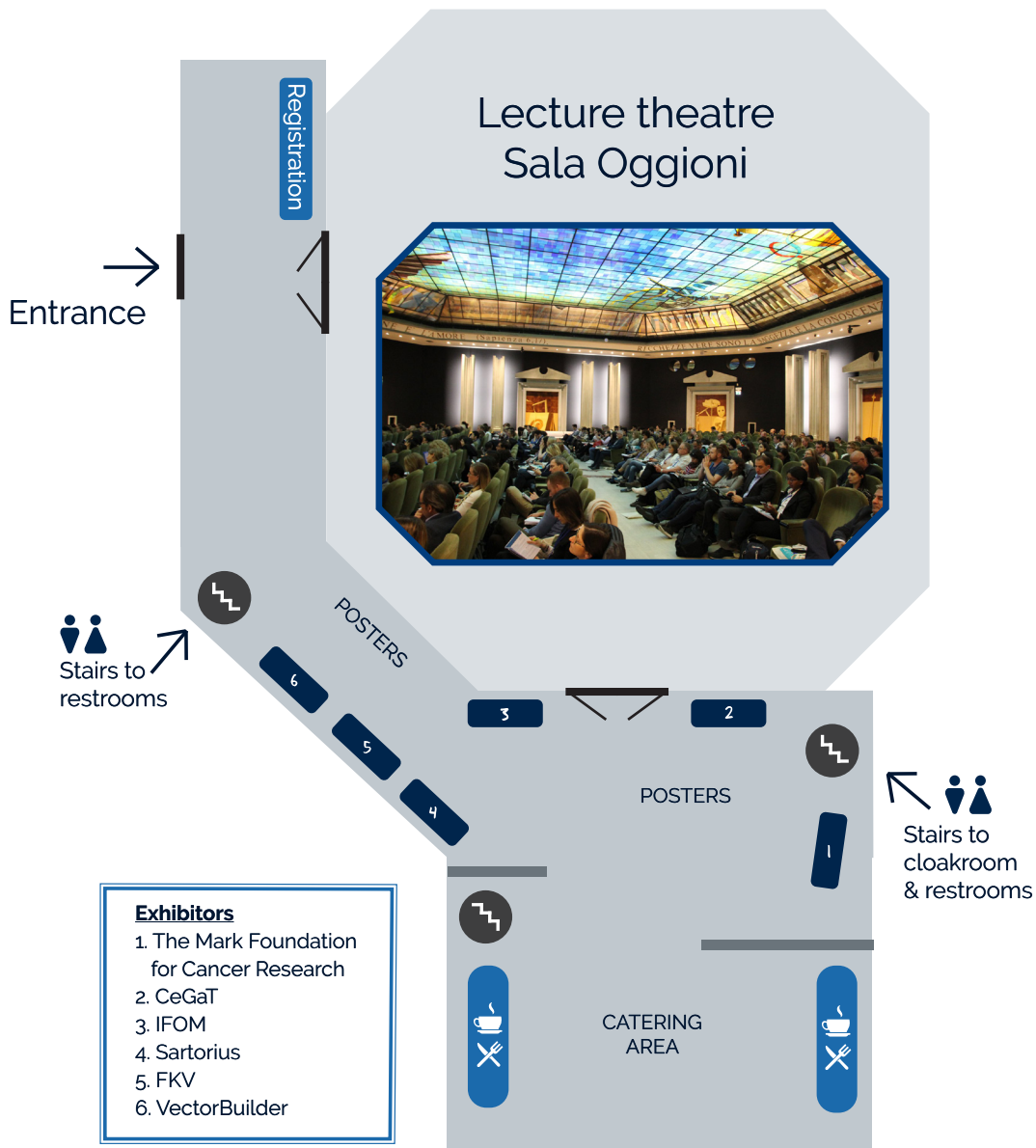
SESSION TOPICS INCLUDE:

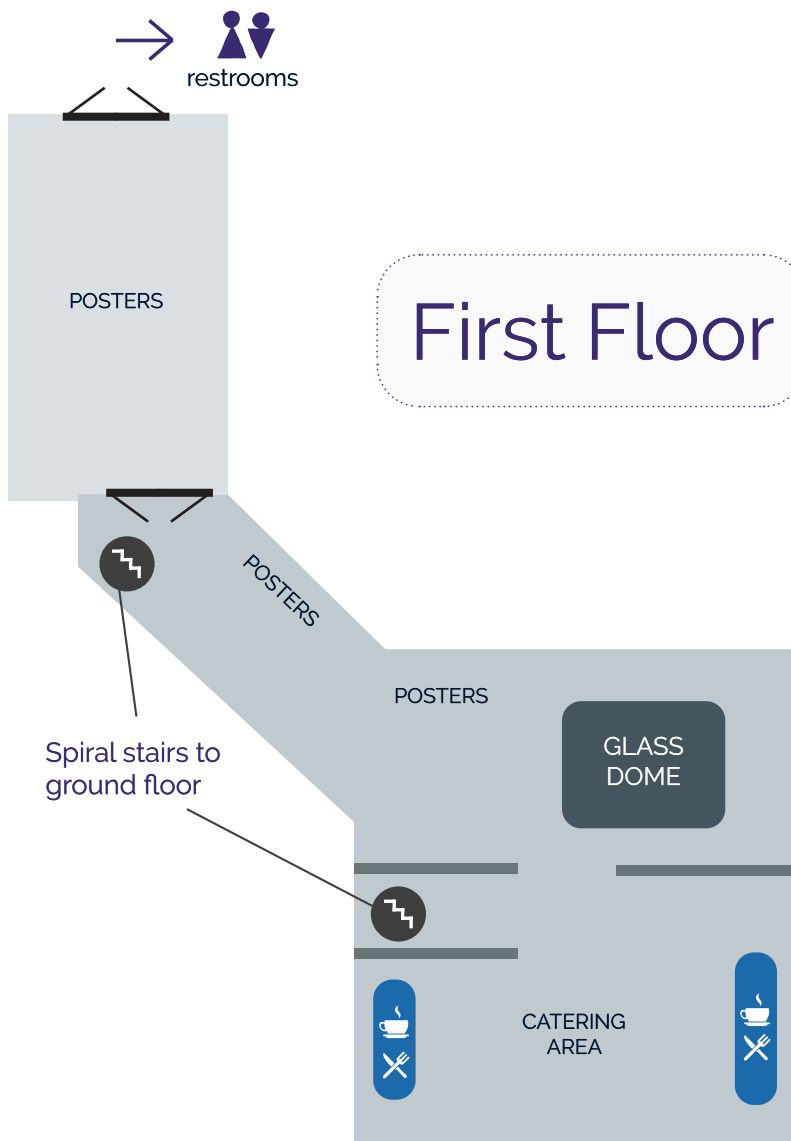
- Advances in Clinical Trial Design
- Cancer and RNA modifications
- Cancer Immunology and Immunotherapy
- Cancer Initiation
- Cancer Prevention
- Cell Cycle Regulation

- Cell Death Mechanisms
- Functional Genomics
- Genomic Instability
- Immune Activation beyond T cells
- Mechanisms of Tumour Metastasis
- Novel Cancer Models
- Plasticity and Non-genetic

- Cancer Evolution
- Spatial Tumour Biology / Tumour Heterogeneity at the Single Cell Level
- Tumors are Ecosystems: New insights on the Tumor Microenvironment
- Tumour Innervation
- Tumour Macroenvironment (cachexia, metabolics)

Venue floor plan





Meet the exhibitors

The Mark Foundation for Cancer Research Stand: 1

Website: themarkfoundation.org

Represented at the conference by:

Becky Bish, Ryan Schoenfeld



CeGaT Stand: 2

Website: www.cegat.com

Represented at the conference by:

Dmitri Ossipov, Marco Silvano



Spotlight: Wednesday 12 November, 09:00-09:15

Marco Silvano: '21st Century genetic oncodiagnosics'

IFOM (AIRC Institute of Molecular Oncology) Stand: 3

Website: www.ifom.eu

Represented at the conference by:

Silvia Andalaro, Cecilia Osera



Sartorius Stand: 4

Website: www.sartorius.com

Represented at the conference by:

Constantin Nelep, Gennaro De Vita



Symposium: Wednesday 12 November, 12:10-12:40

Gennaro De Vita, PhD: 'Innovative Bioanalytical Tools for Enhanced Live-Cell Imaging'

FKV Stand: 5

Website: www.fkv.it

Represented at the conference by:

Tanya Fabbris



VectorBuilder Stand: 6

Website: www.vectorbuilder.com

Represented at the conference by:

Maria Blasco



Travel grants

More information about EACR grants: eacr.org/travel-grant

EACR-Worldwide Cancer Research Travel Grants provide funds to help early-career EACR members and members based in low- or middle-income economy countries to participate in our conferences.

Congratulations to the recipients of the Travel Grants for this conference. Each recipient received a full registration free of charge and funds to assist with travel and accommodation costs.

- **MARWA HAMZA** EGYPT
- **ALEXANDRA INGALLINELLA** ITALY
- **IRENE CÁSEDA** SPAIN
- **QASI NAJAH** LIBYA
- **LANIA SIHEM BOUSSA** ALGERIA

worldwide
cancer
research

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Our thanks to the following partners for supporting us in promoting this conference:

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frontiers
in Oncology

**Disease Models
& Mechanisms**

We would also like to thank the following grant providers:



This activity has been supported by a grant from F. Hoffman-La Roche Ltd, which has had no control over the educational content of this activity.

The Mark Foundation
for Cancer Research

This conference is organised in partnership with, and supported by a grant from, the Mark Foundation for Cancer Research.

Proffered paper and poster index

View abstracts when logged in at www.eacr.org/conference/markfoundation2025

- 1 [Poster Spotlight] Changing burden of early-onset cancers: a population-based study** Presented by Axelle Braggion, University of Fribourg and Swiss School of Public Health, Zurich, SWITZERLAND
- 2 [Poster Spotlight] Spatial Genomics Insights into Response Prediction in Early Triple-Negative Breast Cancer: Results from the YAPPETIZER study** Presented by Rita De Sanctis, ASST Papa Giovanni XIII, Bergamo, ITALY
- 3 [Poster Spotlight] Real-World Insights into Young-Onset Gastroesophageal Adenocarcinoma: A Population-Based Analysis** Presented by Oana Deac, Trinity St James's Cancer Institute and Trinity College Dublin, IRELAND
- 4 [Poster Spotlight] Role of occupational and environmental exposures in early breast cancer in women with BRCA1 and BRCA2 wild type** Presented by Alexandra Ingallinella, University Hospital of Parma, ITALY
- 5 [Poster Spotlight] Genomic and transcriptomic profiling of advanced early-onset colorectal cancer** Presented by Erika Zuljan, Charité and Berlin Institute of Health, GERMANY
- 6 HPV16 E7 Variants Alter Host Protein Interactions: In Silico Insights into Early-Onset Cancer** Presented by Ciresthel Bello Rios, Universidad Autonoma de Guerrero, Chilpancingo de los Bravo, MEXICO
- 7 ENLitN Study: Eastern and Northwestern Lung cancer In Never-smokers cohort – integrating lifetime environmental exposures and genomic characteristics of lung cancer in never-smokers** Presented by Maya Bienz, University of Cambridge and Cambridge University Hospitals NHS Foundation Trust, UK
- 8 Systemic nitric oxide as a promising biomarker for monitoring patients with colon cancer: a study in Algerian Patients** Presented by Rania Sihem Boussa, University Of Science And Technology Houari Boumediene, Bab Ezzouar, ALGERIA
- 9 Spheroid Morphodynamics as Potential Predictors of Bladder Cancer Aggressiveness** Presented by Isabel Calejo, University of Porto, PORTUGAL
- 10 LncRNAs as plasma biomarkers of hepatocellular carcinoma risk in the context of liquid biopsies** Presented by Adriana Camargo Ferrasi, São Paulo State University, BRAZIL
- 11 Early-onset gastrointestinal cancer (EOGIC): a retrospective single-centre study in the University Hospital of Navarra (HUN)** Presented by Irene Cáseda, Navarrabiomed - IdiSNA, Pamplona, SPAIN
- 12 Multiplexed Extracellular Vesicle Biomarker Panel for Early and Accurate Detection of Pancreatic Cancer** Presented by Moon Jae Chung, Yonsei University Health System, Seoul, SOUTH KOREA
- 13 Treatment response patterns and therapeutic resistance in HIV-associated non-Hodgkin lymphoma: Eastern European versus African cohorts** Presented by Cristina Dudnic, Nicolae Testemitanu State University of Medicine and Pharmacy, and Institute of Oncology, Chisinau, MOLDOVA
- 14 Biophysical Profiling of Bladder Cancer Cells: From Morphology to Clinical Stratification** Presented by Raphael Canadas, University of Porto, PORTUGAL
- 15 The knowledge gap in gut microbiome characterization in early-onset colorectal cancer patients: a systematic scoping review** Presented by Rita Palma, Hospital da Luz Lisboa, PORTUGAL

16 *Poster withdrawn*

17 Metabolic Effects of Imatinib Pharmacokinetics in Early-Onset Chronic Myeloid Leukemia: Associations with L-Carnitine, Vitamin D, and Creatine Kinase Presented by Marwa Hamza, The British University in Egypt, Cairo, EGYPT

18 Impact of Fragment Length and Local Context on Terminal Motif Detection in cfDNA for Prostate Cancer Detection from Low-Coverage Whole-Genome Sequencing Presented by Zuzana Hanzlíková, Geneton Ltd. And Comenius University, Bratislava, SLOVAK REPUBLIC

19 Leveraging Copper Levels to Sensitize Resistant CRC cells to Thymoquinone Treatment Presented by Diana Ismail, AUB, Beirut, LEBANON

20 Disruption of PD-L1 N-glycosylation by necroptosis enhances cancer immunotherapy Presented by Da-Hye Jeong, Ajou university, Suwon, SOUTH KOREA

21 Comprehensive Spatial and Immune Profiling of Metastatic Mismatch Repair-Deficient Colorectal Cancer Reveals Response to Immunotherapy Presented by Wonsuk Lee, Gil Hospital, Gachon Univ., Incheon, SOUTH KOREA

22 Impact of the Molecular Tumor Board in the Veneto Region: A Real-World Analysis from 2022 to 2024 Presented by Elena Moretto, Regional Coordination for Oncological Activities, Padua, Veneto, ITALY

23 Survival and Metastatic Patterns in Early- versus Very Early-Onset Sporadic Colorectal Cancer: A Real-World Multicenter Retrospective Study Presented by Qasi Najah, Elmergib University, Alkhums, LIBYA

24 Liquid biopsy from meningioma patients shows metabolic biomarkers with prognostic potential Presented by Estela Oliveira Lima, São Paulo State University, BRAZIL

25 Genomic instability profiles in Pap Test DNA as a potential approach for early detection of ovarian cancer: orthogonal validation and future applications Presented by Lara Paracchini, Humanitas University, Pieve Emanuele and IRCCS Humanitas Research Hospital, Rozzano, ITALY

26 Emerging Patterns in Early-Onset Gastrointestinal Cancers: Insights from Population-Based Data in Northern Ireland Presented by Ashleigh Russell, Queen's University Belfast, UK

27 Global Incidence of Early-Onset Colorectal Cancer Across Five Continents: A WHO-Based Analysis from the Mid-20th Century to Present Presented by Monireh Sadat Seyyedsalehi, University of Bologna, ITALY

28 Targeting ER Stress in Adrenocortical Carcinoma: Celastrol as a Novel Therapeutic Candidate Presented by Aurora Schiavon, University of Turin, ITALY

29 Epithelial NAD deficiency drives early-onset colitis-associated colorectal cancer Presented by Myung-Wook Seon, Ajou University School of Medicine, Suwon, SOUTH KOREA

30 Nationwide Multicenter Study of Early-Onset Colorectal Cancer in Argentina: Incidence, Stage, and Metastatic Spread Presented by Juliana Sesma, UAI-CONICET and Hospital Provincial de Rosario. FCM. UNR, Rosario, ARGENTINA

31 Exploring the molecular mechanisms of early-onset breast cancer Presented by Federico Tolino, University of Piemonte Orientale, Novara, ITALY

32 Regional epidemiology and tumor evolution in HIV-associated non-Hodgkin lymphoma Presented by Victor Tomacinschii, Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova, and Institute of Oncology, Chisinau, MOLDOVA

Notes

Notes

Notes

EACR Industry Partners

The European Association for Cancer Research gratefully acknowledges its Industry Partners, who offer ongoing support to the EACR and provide the means for the association to develop important initiatives.



**Communication.
Collaboration.
Community.**

EACR

European Association
for Cancer Research



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