

## 2025 Program

Cancer Core Europe

# Summer School in Translational Cancer Research 2025

October 5-10, 2025 | Algarve, Portugal

### Arrival, Registration and Welcome Dinner!

#### SUNDAY, OCTOBER 5

##### Arrival and Registration

Official check-in time of the hotel is 14:00. Earlier registration to the Summer School is possible.

14:30 - 18:30	<b>Optional Workshop: Next Level Scientific Writing and Project Management using AI assistants</b>	<b>Daniel Mertens</b> , Schiller & Mertens GbR
19:15 - 20:00	Networking activity (meet in the lobby)	
20:00	Welcome dinner and get together	

*Disclaimer: Pharmaceutical companies and commercial sponsors are supporting this meeting via financial contribution only. They have had no involvement in the content or in any other aspect of this meeting.*

# Day 1 - Precision Medicine | Clinical Trials | Early Detection | Liquid Biopsy

## MONDAY, OCTOBER 6

7:30+ Breakfast

### PRECISION MEDICINE AND CLINICAL TRIALS I

Chair: **Simon Pacey**, CRUK Cambridge Centre

8:30 **Welcome** **Nick Tobin**, Karolinska Institutet, Sweden and Chair of the Scientific Committee

9:00 **Cancer Core Europe introduction / Predictive biomarkers in colorectal cancer** **Josep Taberero**, Vall d'Hebron Institute of Oncology (VHIO), Vall d'Hebron Hospital, Spain

9:40 Discussion

9:50 **The challenge of targeting an "undruggable" target: the development of a clinically viable MYC inhibitor** **Laura Soucek**, Vall d'Hebron Institute of Oncology (VHIO), Institutió Catalana de Recerca i Estudis Avançats (ICREA), PEPTOMYC S.L., Spain

10:20 Discussion

10:30 Coffee Break

### EARLY DETECTION | LIQUID BIOPSIES

Chair: **Wilbert Zwart**, Netherlands Cancer Institute

10:50 **Building precision prevention of cancer: a transversal crosstalk from basic to social sciences** **Suzette Delalogue**, Gustave Roussy, France

11:20 Discussion

11:35 **Circulating tumor cells: current biological implications and clinical relevance** **Giulia Bertolini**, Fondazione IRCCS Istituto Nazionale dei Tumori, Italy

12:05 Discussion

12:20 **Minimal Residual Disease: PROs and CONs** **Benjamin Besse**, Gustave Roussy, France

12:50 Discussion

13:00 Lunch break

### PRECISION MEDICINE AND CLINICAL TRIALS II

Chair: **Karen Barker**, CRUK Cambridge Centre

15:30 **Introduction to clinical trials; studying new drug treatments in prostate cancer** **Simon Pacey**, CRUK Cambridge Centre, United Kingdom

16:00 Discussion

16:15 **Early clinical trials in 2030** **Christophe Massard**, Gustave Roussy, France

16:45 Discussion

17:00 Coffee break

### WORKSHOP I: SCIENCE COMMUNICATION

17:15-18:45 **Communicating your science effectively** **Javier Carmona**, Vall d'Hebron Institute of Oncology (VHIO), Spain

20:00 Dinner and get together

## Day 2 - Fundamental Research | Patient-centered Research | Proteomics

### TUESDAY, OCTOBER 7

7:30 Breakfast

#### FUNDAMENTAL RESEARCH I

Chair: Ingemar Ernberg, Karolinska Institutet

9:00 **Welcome**

9:10 **The thioredoxin system and cancer** **Elias Arnér**, Karolinska Institutet, Sweden

9:40 Discussion

9:55 **Hormone-dependent cancers: from basic discovery to clinical trial and back again** **Wilbert Zwart**, The Netherlands Cancer Institute (NKI), The Netherlands

10:25 Discussion

10:35 Coffee Break and **Group picture**  
*\*11:00-13:00 CCE Board of Directors meeting (by invitation only)*

#### FUNDAMENTAL RESEARCH II

Chair: Laura Soucek, Vall d'Hebron Institute of Oncology (VHIO)

11:10 **Age-related metabolic bottlenecks and cancer promotion** **Mate Maus**, Vall d'Hebron Institute of Oncology (VHIO), Spain

11:40 Discussion

#### PATIENT-CENTERED RESEARCH, SURVIVORSHIP AND QoL

11:55 **Late effects after CAYA cancer: from risk factor studies to cancer survivorship care** **Cécile Ronckers**, German Cancer Research Center (DKFZ), Germany

12:25 Discussion

12:45 Lunch Break

#### TECHNOLOGY FOCUS: PROTEOMICS

15:00 **Cancer Proteomics -molecular phenotype analysis for precision medicine** **Janne Lehtiö**, Karolinska Institutet, Sweden

15:30 Discussion

#### WORKSHOP II: PATIENT INVOLVEMENT

15:45 **Patient involvement in cancer research - there is more than just participation in clinical trials** **Cindy Körner**, NCT Heidelberg, German Cancer Research Center (DKFZ), Germany  
**Priya Chudasama**, NCT Heidelberg, German Cancer Research Center (DKFZ), German Cancer Consortium (DKTK), Germany  
**Bruno Köhler**, NCT Heidelberg, University Hospital Schleswig-Holstein - Lübeck, Germany

17:45 Short break

#### POSTER SESSION I

18:00-19:30 In meeting room area

20:00 Dinner and get together

## Day 3 - Participant Talks | The Tumour Microenvironment and Immunology

WEDNESDAY, OCTOBER 8

7:30+ Breakfast

### PARTICIPANT TALKS I

Chair: Dhifaf Sarhan, Karolinska Institutet

9:00	<b>Welcome</b>	
9:10	<b>Therapy-induced and age-related iron dysregulation as a driver of cardiac aging in childhood cancer survivors</b>	<b>Francesca Cogo</b> , Vall d' Hebron Institute of Oncology (VHIO), Spain
9:25	<b>Non-synonymous mutations in the IFN-<math>\gamma</math> pathway are predictive of response to immune checkpoint inhibition in NSCLC</b>	<b>Alexander Azizi</b> , CRUK Cambridge Centre, United Kingdom
9:40	<b>Targeting Teneurin-4 suppresses tumor growth and induces differentiation in neuroblastoma</b>	<b>Sara Abu Ajamieh</b> , Karolinska Institutet, Sweden
9:55	<b>Desaminotyrosine is a key driver of the success of immunotherapy with fecal microbial transplantation in cancer</b>	<b>Simon Thomas</b> , Gustave Roussy, France

### THE TUMOUR MICROENVIRONMENT AND IMMUNOLOGY

Chair: Janne Lehtiö, Karolinska Institutet

10:10	<b>Epigenetic modulation drives inflammatory responses in sarcoma</b>	<b>Andreas Lundqvist</b> , Karolinska Institutet, Sweden
10:40	Discussion	
10:50	Coffee break	
11:10	<b>Studies of sex-immune dimorphism in the tumor microenvironment - Toward genderized immunotherapies</b>	<b>Dhifaf Sarhan</b> , Karolinska Institutet, Sweden
11:40	Discussion	
11:55	<b>Reviving TIL-ACT: Rediscovering an effective melanoma treatment after more than two decades</b>	<b>Silvia Martín-Lluesma</b> , Vall d'Hebron Institute of Oncology (VHIO), Universidad San Pablo CEU - Montepríncipe, Spain
12:25	Discussion	
12:40	Lunch break	

### SOCIAL ACTIVITY (OPTIONAL)

13:45	Departure from the hotel
14:30-17:30	Social Activity* - Benagil Caves and Coastline (alternative program in case of bad weather)
18:15	Return to hotel

### POSTER SESSION II

18:45-20:00	In meeting room area
20:00	Dinner and get together

*\*We would like to affirm that no funding or sponsorship from pharmaceutical companies has been used to support any leisure activities associated with the Summer School. All leisure activities have been independently organized and financed.*

## Day 4 - Microbiota | Participant Talks | AI-driven and Computational Oncology | cBioPortal

### THURSDAY, OCTOBER 9

7:30+ Breakfast

#### TUMOUR-ASSOCIATED MICROBIOTA: BIOMARKERS AND THERAPEUTIC TARGETS

Chair: **Silvia Martín-Lluesma**, Vall d'Hebron Institute of Oncology (VHIO)

9:00 **Welcome**

9:10 **Tumor-colonizing microbes: an emerging response marker and therapeutic target** **Lucia Sfondrini**, University of Milan, Fondazione IRCCS Istituto Nazionale dei Tumori, Italy

9:40 Discussion

9:55 **The microbiome and cancer** **Andri Papakonstantinou**, Karolinska Institutet, Sweden

10:25 Discussion

10:40 Coffee break

#### PARTICIPANT TALKS II

Chair: **Nick Tobin**, Karolinska Institutet, Sweden

11:00 **Study of the mechanisms regulating the development of melanoma metastases** **Lola Monmasson**, Gustave Roussy, France

11:15 **Copy-number variation of plasma DNA during re-irradiation for head-and-neck cancer identifies patients at risk of early progression** **Florian Stritzke**, University Hospital Heidelberg, Germany

11:30 **Impact of ARID1A mutations on treatment vulnerabilities in T-cell-based therapies in follicular lymphoma (FL)** **Tabea Freyholdt**, Ludwig-Maximilians University (LMU) Hospital, Germany

11:45 **Evolutionary and immune microenvironment dynamics determine response to neoadjuvant treatment of esophageal adenocarcinoma** **Melissa Barroux**, Technical University of Munich, Germany

#### AI-DRIVEN AND COMPUTATIONAL ONCOLOGY

12:00 **CGI-Clinics: Data-driven cancer genome interpretation for clinical decision making** **Mònica Sánchez Guixé**, Institute for Research in Biomedicine (IRB), Spain

12:30 Discussion

12:45 Lunch break

#### WORKSHOP III: LEARNING TO USE A GENOMIC DATABASE

15:30 **cBioPortal for Cancer Genomics** **Nick Tobin**, Karolinska Institutet, Sweden

17:00 Short break

#### AI-DRIVEN AND COMPUTATIONAL ONCOLOGY

Chair: **Priya Chudasama**, DKFZ, NCT Heidelberg, DKTK

17:15 **Mutations in Myeloid Cells: Enabling Precision Diagnostics and Understanding Systemic Impact in Cancer** **Elsa Bernard**, Gustave Roussy, France

17:45 Discussion

18:00 **Large language models and AI agents in oncology and cancer research** **Jakob Nikolas Kather**, TUD Dresden University of Technology, NCT Heidelberg, Germany

18:30 Discussion

19:30 Dinner and get together

## Day 5 - Early Cancer

FRIDAY, OCTOBER 10

7:30+ Breakfast

### EARLY CANCER: FROM GENOMIC INSIGHTS TO TAILORED CARE

Chair: **Elias Arnér**, Karolinska Institutet

9:00 Welcome

9:10 **Computational early cancer genome analysis at a national scale** **Isidro Cortes Ciriano**, EMBL-EBI, CRUK Cambridge Centre, United Kingdom

9:40 Discussion

9:55 **Early onset colorectal cancer - towards a tailored care program** **Bruno Köhler**, NCT Heidelberg, University Hospital Schleswig-Holstein - Lübeck, Germany

10:25 Discussion

### WRAP UP AND PRIZES

10:40 **Best poster prizes and flash talks, feedback discussion, certificates of attendance and closing words**

12:00 Lunch break

### Afternoon departure

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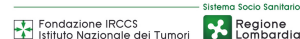


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