**Scientific Programme**

**Tuesday 30th April 2024**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:30</td>
<td><strong>REGISTRATION &amp; WELCOME LUNCH (LUNCH FROM 12:00)</strong></td>
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<tr>
<td>13:00</td>
<td><strong>CONFERENCE WELCOME</strong></td>
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<tr>
<td></td>
<td><strong>SESSION 1: INTERSECTION OF FUNCTIONAL AND IMMUNOGENOMICS FOR THERAPY</strong></td>
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<td>Chair: Carlos Caldas</td>
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<tr>
<td>13:10</td>
<td><strong>OPENING KEYNOTE LECTURE</strong></td>
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<td></td>
<td>Julian Downward</td>
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<td>Francis Crick Institute, UK</td>
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<td>“Investigating the interplay between oncogenic signaling and tumour immune evasion in lung cancer”</td>
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<td>Q&amp;A: 13:40-13:55</td>
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<td>13:55</td>
<td><strong>Elaine Mardis</strong></td>
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<td>Institute for Genomic Medicine, USA</td>
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<td>“Oncolytic Viral Therapy Immunogenomics in adult GBM”</td>
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<td>Q&amp;A: 14:15-14:25</td>
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<td>14:25</td>
<td><strong>Proffered Paper 1</strong></td>
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<td>Q&amp;A: 14:35-14:40</td>
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<td>14:40</td>
<td><strong>EXHIBITOR INTRODUCTIONS</strong></td>
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<td>14:50</td>
<td><strong>COFFEE BREAK &amp; EXHIBITION</strong></td>
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<td>Chair: James Brenton</td>
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<td>15:20</td>
<td><strong>Elisa Oricchio</strong></td>
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<td>EPFL, Switzerland</td>
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<td>“Modulation of 3D chromatin structures to support tumor evolution”</td>
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<td>Q&amp;A: 15:40-15:50</td>
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<td>15:50</td>
<td><strong>Proffered Paper 2</strong></td>
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<td>Q&amp;A: 16:00-16:05</td>
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<td>16:05</td>
<td><strong>Proffered Paper 3</strong></td>
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<td>Q&amp;A: 16:15-16:20</td>
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<td>16:20</td>
<td><strong>MOLECULAR ONCOLOGY: CALL FOR CONTENT</strong></td>
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<td>16:30</td>
<td><strong>POSTER SPOTLIGHTS</strong></td>
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<td>16:40</td>
<td><strong>INDUSTRY SYMPOSIUM - BIOMODAL</strong></td>
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<td>Dr Jacob Househam</td>
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The Institute of Cancer Research (ICR), UK
‘ Combined genetic and epigenetic analyses of a Lynch syndrome tumour’

17:10 NETWORKING QUIZ
Our fun, informal quiz offers conference participants the chance to make new connections on the first evening of the meeting.

17:40 WELCOME RECEPTION

18:20 POSTER DISCUSSION SESSION 1

**Wednesday 1st May 2024**

**Listed times are in Central European Summer Time (CEST)**

08:15 EARLY POSTER VIEWING (WITH COFFEE & BISCUITS)

08:45 INDUSTRY SPOTLIGHT - LUNAPHORE TECHNOLOGIES

**SESSION 2: SINGLE CELL CANCER DISSECTION**

Chair: Núria López-Bigas

09:00  **Ido Amit**
Weizmann Institute of Science, Israel
“The power of ONE: Immunology in the age of single cell genomics”
Q&A: 09.20-09.30

09:30  **Carlos Caldas**
Cancer Research UK Cambridge Institute, UK
“Dissecting breast cancer ecosystems at single cell level”
Q&A: 09:50-10:00

10:00  **Efrat Shema**
Weizmann Institute, Israel
“Single-molecule and single-cell epigenetics: Decoding the epigenome for cancer research and diagnostics”
Q&A: 10:20-10:30

10:30 **Proffered Paper 4**
Q&A: 10:40-10:45

10:45 COFFEE BREAK & EXHIBITION

11:15 **Yardena Samuels**
Weizmann Institute of Science, Israel
“Revisiting the Neoantigen Approach for Cancer Immunotherapy”
Q&A: 11:35-11:45

11:45 **Proffered Paper 5**
Q&A: 11:55-12:00

12:00 POSTER SPOTLIGHTS

12:10 INDUSTRY SYMPOSIUM

12:40 LUNCH

13:40 POSTER DISCUSSION SESSION 2

SESSION 3: BIOMARKERS FOR PRECISION ONCOLOGY
15:10 **Eytan Ruppin**  
Center for Cancer Research, National Cancer Institute, USA  
"Next generation precision oncology: From omics to slides"  
Q&A: 15:30-15:40

15:40 **Proffered Paper 6**  
Q&A: 15:50-15:55

15:55 **Proffered Paper 7**  
Q&A: 16:05-16:10

16:10 **Francisco Martinez-Jimenez**  
Vall d’Hebron Institute of Oncology (VHIO), Spain | Hartwig Medical Foundation, Netherlands  
"Unravelling the immunogenomic determinants of metastasis"  
Q&A: 16:30-16:40

16:40 **COFFEE BREAK & EXHIBITION**

17:10 **Trevor Pugh**  
Princess Margaret Hospital, OICR, Toronto, Canada  
"Early cancer surveillance through multi-modal analysis of cell-free DNA fragments in blood"  
Q&A: 17:30-17:40

17:40 **James Brenton**  
Cancer Research UK Cambridge Institute, UK  
"DNA damage response signatures as therapeutic predictors in recurrent drug-resistant ovarian cancer"  
Q&A: 18:00-18:10

18:10 **MEET THE SCIENTIFIC PROGRAMME COMMITTEE**  
The committee members will reflect on the conference so far before each providing insight into their personal and professional experiences of their routes into scientific leadership.

19:30 **CONFERENCE DINNER**  
The Conference Dinner will be held at the atmospheric Ristorante Taverna Valtellinese. Optional ticketed event.

**Thursday 2nd May 2024**

**Listed times are in Central European Summer Time (CEST)**

08:15 **EARLY POSTER VIEWING (WITH COFFEE & BISCUITS)**

08:45 **INDUSTRY SPOTLIGHT - NONACUS**  
**SESSION 4: SINGLE CELL CANCER ANALYTICS**  
Chair: Yardena Samuels

09:00 **Bernd Bodenmiller**  
University of Zurich, Switzerland  
"Highly multiplexed imaging of in situ tumor ecosystems towards precision medicine"
09:30  Asaf Madi  
Tel Aviv University, Israel  
“Integration of single-cell RNAseq data and protein-protein interaction networks”  
Q&A: 09:50-10:00

10:00  Proffered Paper 8  
Q&A: 10:10-10:15

10:15  COFFEE BREAK & EXHIBITION

10:45  Hannah Carter  
UC San Diego, USA  
“Interface-guided phenotyping of coding variants in the transcription factor RUNX1”  
Q&A: 11:05-11:15

11:15  THE EMBO KEYNOTE LECTURE  
Nuria Lopez-Bigas  
Institute for Research in Biomedicine, Spain  
“Clonal selection in normal tissues and its relation to cancer risk”  
Q&A: 11:45-12:00

12:00  SUMMARY & CLOSE

12:10  DEPART