



ICI-CIVIS Summer School 2021 – “Tumor heterogeneity in immuno-oncology: single-cell approaches” – Aix-Marseille University, 5-10/07/2021

Monday, July 5	Moderators	Tuesday, July 6	Moderators	Wednesday, July 7	Moderators	Thursday, July 8	Moderators	Friday, July 9	Moderators	Saturday, July 10	Guides
<p>Research lecture</p> <p>Theoretical course</p> <p>Practical workshop / Student presentation</p> <p>Announcement / Social</p> <p>10:00-12:00 Registration and Orientation Hexagone </p> <p>12:45-13:50 Lunch</p> <p>Introduction to tumor heterogeneity</p> <p>13:30-14:00 1.1 Summer School Kick-off - Fanny Mann (IBDM, France)</p> <p>14:00-15:00 1.1 Jude Fitzgibbon (Cancer Research Barts Centre, UK)</p> <p>15:05-16:05 1.2 Anne-Sophie Christen (CRCM, France)</p> <p>16:10-16:30 Break</p> <p>16:30-17:30 1.3 Christophe Coau (CIC, France)</p> <p>17:35-18:40 1.4 Lisa Demers (Institut Gustave Roussy, France)</p> <p>18:45-19:00 Break</p> <p>19:00-20:00 Article preparation (MS students)</p> <p>20:30-21:30 Diner</p>	<p>Aitor Gonzalez (TAGC) Sandrine Roulland (CIML)</p> <p>Fanny Mann (IBDM) Pierre Milpied (CIML) Philippe Naquet (CIML) Sandrine Roulland (CIML)</p> <p>Pierre Milpied (CIML) Philippe Naquet (CIML)</p> <p>Pierre Milpied (CIML) Philippe Naquet (CIML)</p>	<p>Single cell sequencing</p> <p>08:15-09:45 Introduction to single-cell RNA-seq: How does it work & What can we learn? 2.1 Pierre Milpied (CIML, France)</p> <p>09:45-10:00 Break</p> <p>10:00-11:25 Using single-cell RNA-seq to decipher temporal programs in tumors 2.2 Cedric Mauraing (IBDM, France)</p> <p>11:30-12:45 Single cell approaches in tumor and immunological heterogeneity 2.2bis Jérôme Galon (CIC, France)</p> <p>12:45-13:45 Lunch</p> <p>Single cell sequencing</p> <p>14:00-15:30 2.3 Miki Amit (Weizmann Institute of Science, Israel)</p> <p>15:15-16:30 2.4 Fatima Mehta-Grigoriou (Institut Curie, France)</p> <p>Workshop</p> <p>16:40-19:00 Posters from PhD students (Immunology-Oncology)</p> <p>19:00-20:00 Article preparation (MS students)</p> <p>20:30-21:30 Diner</p>	<p>Aitor Gonzalez (TAGC) Sandrine Roulland (CIML)</p> <p>Aitor Gonzalez (TAGC) Sandrine Roulland (CIML)</p> <p>Aitor Gonzalez (TAGC) Cédrick Mauraing (IBDM)</p> <p>Cédric Mauraing (IBDM) Fanny Mann (IBDM) Philippe Naquet (CIML)</p> <p>Cédric Mauraing (IBDM) Philippe Naquet (CIML)</p> <p>Cédric Mauraing (IBDM) Philippe Naquet (CIML)</p>	<p>Analysis Workshop</p> <p>08:30-09:30 Introduction to the Bioinformatics & Mathematics behind the single-cell RNA-seq data analysis 3.0 Ignasi Spineti / Sabrina Baskici (CIM, France)</p> <p>09:30-09:45 Break</p> <p>09:45-11:15 Workshop: Exploring single-cell RNA-seq datasets (Group A)</p> <p>11:15-12:45 Workshop: Exploring single-cell RNA-seq datasets (Group B)</p> <p>12:45-13:45 Lunch</p> <p>Single cell analysis in the clinic/industry</p> <p>14:00-15:10 Translational research lecture 3.1 Sabrina Carpenter (Inovate Pharma, France)</p> <p>15:15-16:30 Translational research lecture 3.2 Régis Costello (JAP-IMA, France)</p> <p>16:30-17:00 Break</p> <p>17:00-18:15 3.3 Miriam Merad (Dahn Mount Sinai, USA)</p> <p>18:30-19:00 Break</p> <p>19:00-20:00 Article preparation (MS students)</p> <p>20:30-21:30 Diner</p>	<p>Cédric Mauraing (IBDM) Pierre Milpied (CIML)</p> <p>Marc Dalod (CIML) Sandrine Henri (CIML) Pierre Milpied (CIML) Cécile Vicier (IPC-CRCM)</p> <p>Cécia Vicier (IPC-CRCM) Fanny Mann (IBDM)</p> <p>Marie-dominique Franco (AMU) Fanny Mann (IBDM)</p>	<p>Cytometry</p> <p>08:30-09:30 Introduction to mass, flow and spectral spectrometry 4.1 Hervé Luche (IPW, France)</p> <p>09:35-10:50 4.2 Toby Lawrence (CIML, France / KCL, UK)</p> <p>10:50-11:00 Break</p> <p>11:05-12:20 Translational research lecture 4.3 Horis Burches (UMKED, Romania)</p> <p>12:30-13:30 Lunch</p> <p>Spatially resolved single cell analysis I</p> <p>13:30-14:40 Introduction to highly multiplexed methods for in situ analysis 4.4 Ali Torki and Ivan Fritzi (Globe Bioscience, France)</p> <p>14:45-16:00 4.5 Mikael Roussel (NIMMAG, France)</p> <p>16:00-16:15 Break</p> <p>16:20-17:30 4.6 Vincent Detourn (IBDM-UM, Belgium)</p> <p>17:35-18:50 4.7 Theodore Alexandrov (EMBL Heidelberg, Germany)</p> <p>18:50-19:00 Break</p> <p>19:00-20:00 Article preparation (MS students)</p> <p>20:30-21:30 Diner</p>	<p>Gratiela Pircalabioru (University of Bucharest) Sorina Dinescu (University of Bucharest)</p> <p>Rafael Arguello (CIML) Celia Sequera Hurtado (IBDM)</p> <p>Fanny Mann (IBDM)</p> <p>Marie-dominique Franco (AMU) Fanny Mann (IBDM)</p>	<p>Travel to the hospital IHU - Covid PCR Test (OPTIONAL)</p> <p>Depart Luminy: 6:30 am Testing: 7:00 am to 8:00 am Depart IHU: 8:30 am</p> <p>Spatially resolved single cell analysis II</p> <p>9:00-10:00 3D high resolution microscopy: challenges and solutions 5.1 Simon Merz (Mikromy Biotech, France)</p> <p>10:00-11:00 5.2 Philippe Boussin (Institut Pasteur, France)</p> <p>11:00-11:20 Break</p> <p>11:20-12:20 5.3 Anne Bos (Princess Maxima Center, The Netherlands)</p> <p>12:20-13:20 5.3bis Ali Enjick (IFOM Heinsberg, Germany)</p> <p>13:30-14:30 Lunch</p> <p>Workshop</p> <p>14:35-18:30 5.4 Article presentations by MS students & roundtable discussions</p> <p>18:30-18:45 5.4 Closing - Fanny Mann (IBDM, France)</p> <p>18:45-20:15 Social / Free time</p> <p>20:30-21:30 Diner</p>	<p>Hugues Lelouard (CIML) Serge van de Pavert (CIML)</p> <p>Stéphanie Bernard (AMU) Marie-dominique Franco (AMU) Fanny Mann (IBDM)</p> <p>Aitor Gonzalez (TAGC) Pierre Milpied (CIML) Philippe Naquet (CIML)</p>	<p>Visit of the Parc national des Calanques (Hike or Boat)</p> <p>Check-out is Sunday, July 11 (morning)</p> <p>20:30-21:30 Diner</p>	<p>Boat: Stéphanie Bernard (AMU) Marie-dominique Franco (AMU)</p> <p>Hike: Philippe Naquet (CIML) Florence Orlanducci (IPC-CRCM)</p>