

Institut Curie International Course 2025

8th course on Computational Systems Biology of Cancer

Multimodal data analysis and network modelling to master cancer hallmarks

September 22nd - September 26th, 2025 **hours are in CEST zone**

Institut Curie Research Centre, Paris, France

Preliminary program

Day	Sessions	Morning ~ 9:00 AM-12:30 PM	Afternoon ~ 2:00 PM - 5:00 PM	Evening ~ 5:00 PM - 8 PM
Monday Sept 22nd, 2025	Introduction Comp. Systems Biology Machine learning Spatial transcriptomics	Laurence CALZONE (Institut Curie, FR) Loredana MARTIGNETTI (Institut Curie, FR) Chloé AZENCOTT (CBIO, Mines Paris, FR) Marta LOVINO (UNIMORE, IT)	Leanne DE KONING (Institut Curie, FR) Kyra BORGMAN (Institut Curie, FR) Nicolas SERVANT (institut Curie, FR)	Welcome cocktail
Tuesday Sept 23th, 2025	Transcriptomics + Network modelling Multimic data integration Knowledge graphs	Giovanni CIRIELLO (Univ. Lausanne, CH) Aurélien DUGOURD (Heidelberg Univ, DE)	Andrei ZINOVYEV (EVOTEC, Fr) Luca PINELLO (BROAD, Harvard, US) - Keynote Flash talks	Poster session I
Wednesday Sept 24th, 2025	Personalised cancer models Dynamical modelling of cancer networks	Kristin REICHE (Fraunhofer Institute, Leipzig, DE) Åsmund FLOBAK (NTNU, NO) Short talks	Annabelle BALLESTA (Institut Curie, FR) Angélique STEPHANOU (TIMC, CNRS, Grenoble, FR) Short talks	Poster session II Journal club Master Students
Thursday Sept 25th, 2025	Proteomics Metabolomics Drug development	Laurent GATTO (Univ. Louvain, BE) Frédérique LISACEK (SIB, University of Geneva, CH)	Lodewyk WESSELS (NKI, Amsterdam, NL) Yves MOREAU (KU Leuven, BE)	Journal club Masters Students Social event (outside Curie)
Friday Sept 26th, 2025	NLP approaches in biology Hallmarks of cancer	Michele CASELLE (Unito, IT) Elsa BERNARD (Gustave Roussy, FR) - Keynote Short talks	Visit Marie Curie museum Career workshop Journal club Master students	Closing, Prizes & Farewell cocktail



TOGETHER,
LET'S BEAT CANCER

