



Innovative Therapies  
in Cancerology  
GRADUATE SCHOOL



G.E.N.E  
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## Summer School Innovation, Genetics, Epigenetics and Immuno- Therapeutics in Oncology



**July 8 -10<sup>th</sup> 2025**

This free event, from Paris Cité university, is designed for master's students, PhD students, researchers. It will take place from July 8 to 10, 2025.

The first two days, in Fontainebleau (Paris Cité Avon station), **are free and overnight stays are covered for students as well as Postdoc and PhD candidates.** They will be dedicated to workshops and round tables.

Thursday, July 10, is open to all and will take place at Université Paris Cité (Grands Moulins site), featuring broader participation and presentations on the latest Innovation in Oncology applications in the biological sciences and public health.

### Topics

- genomics and epigenetics in cancer
- writer enzymes
- Epidrugs
- CAR-T cells
- therapeutic antibodies
- theranostic RNA signature

- Drug design with AlphaFold
- spatial-omics
- intratumoral lymphocytes and neo-epitopes from endogenous retrovirus sequences
- Innovation

⇒ **Location** : Université Paris Cité & Fontainebleau

⇒ **Format** : Conferences, debates and round tables

⇒ **Registration** : Free but mandatory before June 15 (limited spaces)

⇒ **Website** : <https://premc.org/summerschool-cancer-therapy/>

⇒ **Registration** : <https://premc.org/summerschool-cancer-therapy/registration/>

# Summer School Program

## Tuesday, July 8, AVON, Fontainebleau

**9h30-9h45: Welcome speech**

**9h45-11h00: Workshop Spatial OMICS for cancer**

*Nadège BERCOVICI et Yann MARTIN (Institut Cochin) Theo Hirsch et Lucie Poupel (CRCordeliers)*

**11h00-11h20: Coffee break**

**11h20-12h00: Workshop Spatial OMICS for cancer part 2**

**12h00-13h30: Lunch buffet**

**13h30-15h30: Workshop Genomics and epigenetics** *Eric PASMANT et Djihad HADJADJ (Institut Cochin)*

**15h30-15h50: Coffee break**

**15h50-17h30: Workshop VALORISATION** *Stéphanie ALLASSONIÈRE; équipe ValoCité*

**19h00: Garden party and campfire evening**

## Wednesday, July 9, AVON, Fontainebleau

**9h15-11h00: Workshop Therapies targeting epigenetic enzymes** *Fernando Rodrigues Lima et Jonathan WEITZMAN*

**11h00-11h20: Coffee break**

**11h20-12h00: Theranostic RNA Signatures** *Rémy NICOLLE (CRI)*

**12h00-13h30: Lunch buffet**

**13h30-15h15: Workshop AlphaFold** *Gautier MOROY et Fernando RODRIGUES LIMA (BFA)*

**15h15-15h30: Coffee break**

**15h30-17h: Mentoring** *Jonathan WEITZMAN (EDC)*

## Thursday, July 10, Amphi Buffon, site Grands Moulins

**9h00-9h15: Opening address** *Matteo CACCIARI, SMARTS-UP*

**9h15-10h00: Resident memory T lymphocytes as therapeutic targets for immunotherapy and anti-tumor vaccines** *Eric TAR TOUR (HEGP)*

**10h00-10h45: Modulating the expression of the dark genome to boost tumour immunogenicity** *Marianne BURBAGE (Institut Curie)*

**10h45-11h15: Coffee break**

**11h15-12h00: Therapeutic Antibodies** *Jean-Luc TEILLAUD (CIMI)*

**12h00-13h30: Lunch buffet**

**13h30-14h15: Bridging Chemistry and Biology to target aberrant epigenetic modifications in diseases** *Paola ARIMONDO (Institut Pasteur)*

**14h15-15h00: (Epi)genetic modifications in CAR T cell therapies** *Frédéric PENDINO (Institut Cochin)*

**15h00-15h30: Coffee break**

**15h30-16h15: Epigenetic control in cancers: spotlight on H3K9 methyltransferases** *(Slimane AIT-SI-ALI, EDC)*

**16h15- 17h00: Feedback on the workshops**