

# Annual Symposium of L' Institut Servier Neuro-Immuno-Oncology

Scientific advisors : Guido Kroemer & Eric Tartour

September 20<sup>th</sup>, 2024

Université Paris Cité – Site Necker – Amphithéâtre 2  
160, rue de Vaugirard, Paris 15

8:30 – 10:45 AM

## • Session 1 – Overview of the topic

Chair: Sophie Ugolini – Guido Kroemer

9:00 – 9:15 AM

## • Presentation of the symposium

◉ Guido Kroemer • Centre de Recherche des Cordeliers, Metabolism Laboratory Cancer and Immunity, Inserm, Université Paris Cité

9:15 – 9:45 AM

## • Keynote lecture: Innovative therapeutic multi-targeting of the TME to unlock anti-tumor immunity in glioblastoma

◉ Douglas Hanahan • Ludwig Institute for Cancer Research, Swiss Institute for Experimental – Cancer Research (ISREC), Lausanne

9:45 – 10:15 AM

## • Neuronal regulation of immunity: new pathways and therapeutic perspectives

◉ Sophie Ugolini • Immunology Center of Marseille-Luminy, Marseille

10:15 – 10:45 AM

## • Pathogenic mechanisms in CNS inflammatory diseases and their therapeutic targeting

◉ Roland LIBLAU • Immunology Laboratory, CHU Purpan, Toulouse

10:45 – 11:15 AM

AM Break

11:15 – 12:45 PM

## • Session 2 – Neurotransmitters affecting immuno-oncology

Chair: Claire Magnon – Stéphane de Botton • Institut Gustave Roussy, Villejuif

11:15 – 11:45 AM

## • The neural environment of cancer

◉ Claire Magnon • Laboratory of Cancer and Microenvironment, Inserm, Université Paris Descartes

11:45 – 12:15 PM

## • Pain neurons control cancer immunosurveillance

◉ Sébastien Talbot • Department of Biomedical and Molecular Sciences, Queen's University, Ontario

12:15 – 12:45 PM

## • Secreted neuro-immune-metabolites mediating anti-tumor responses

◉ Sidonia Fagarasan • Laboratory for Mucosal Immunity, RIKEN Center, Kyoto University

12:45 – 2:00 PM

PM Break

2:00 – 2:30 PM

## • Session 3 – Immuno-oncology of brain tumors

Chair: François Doz • Institut Curie, Paris – Stéphane Oudard • Hôpital Européen Georges Pompidou, Paris

2:00 – 2:30 PM

## • Targeting T cells to brain tumors

◉ Michael Platten • German Cancer Research Center, Heidelberg University

2:30 – 4:00 PM

## • Session 4 – Neuroendocrine stress in immuno-oncology

Chair: Kristin Austlid Taskén – Eric Tartour • Hôpital Européen Georges Pompidou, Paris

2:30 – 3:00 PM

## • Can we prevent postoperative metastases in cancer patients? Perioperative inhibition of adrenergic and prostaglandin signaling through repurposed drugs

◉ Shamgar Ben-Eliyahu • Neuroimmunology research laboratory, Tel Aviv University

3:00 – 3:30 PM

## • Targeting sympathetic nerve signaling in prostate cancer

◉ Kristin Austlid Taskén • Institute of Cancer Research, Oslo University Hospital

3:30 – 4:00 PM

## • Neuroendocrine regulation of the anticancer immune response

◉ Guido Kroemer

4:00 – 4:30 PM

## • General discussion and conclusion – What about the next decade

Chair: Guido Kroemer & Eric Tartour