

PROGRAM

PARIS 2023

ImmunoRad®

7th EDITION
SEPTEMBER 27th-29th

Registration

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Wednesday September 27th

13.25 - 13.30 pm Opening

Welcome Introduction



Pr Eric Deutsch / conference co-chair

Director of Gustave Roussy Radiation Oncology Department and INSERM UMR 1030

Primer on Cancer Immunology, Radiations and Immunotherapy




Educational Session

13.30-15.30 PART I


- ⌚ **13.30 -14.00** INNATE IMMUNITY
Tumor-associated macrophages from bench to bedside,
 Pr Alberto Mantovani, Istituto Clinico Humanitas
- ⌚ **14.00 -14.30** ADAPTIVE IMMUNITY
Role of tertiary lymphoid structures in response to anti-cancer immunotherapy
 Pr Antoine Italiano, Gustave Roussy
- ⌚ **14.30 -15.00** IMMUNOLOGICAL CELL DEATH
Immunological cell death: inducers and enhancers
 Pr Guido Kroemer, Cordeliers Research Center
- ⌚ **15.00 -15.30** ABCOPAL EFFECT
Mechanisms of interaction of radiotherapy with immunotherapy
 Pr Silvia Formenti, Weill Cornell Medicine

- ⌚ **15.30-16.00** Coffee break

16.00-18.00 PART II

- ⌚ **16.00 -16.30** CLINICAL IMMUNOTHERAPY
How to build on the top of current chemo-radiations and PD-L1 inhibitors? The NSCLC model
 Pr Fabrice Barlési, Gustave Roussy
- ⌚ **16.30 -17.00** DNA DAMAGE RESPONSE
Modulating DNA damage responses to enhance radiotherapy-immunotherapy combinations
 Pr Kevin Harrington, Institute of Cancer Research
- ⌚ **17.00 -17.30** RADIO-IMMUNOTHERAPY
Immunogenic cell death driven by radiotherapy – Mechanisms and implications
 Dr Lorenzo Galluzzi, Weill Cornell Medicine



MAIN PROGRAM Keynote Presentation



- ⌚ **17.30 -18.15**
AI for Cancer Precision Medicine
 Pr Fabrice André, Gustave Roussy



18.00-20.00 COCKTAIL POSTER SESSION


Thursday September 28th

8.30-10.00 Session I: DNA DAMAGE RESPONSE



 **8.30 -9.00**
Exploiting self-inflicted DNA breaks to evade growth limits imposed by genotoxic stress
 **Dr Claus Sørensen**, University of Copenhagen



 **9.00 -9.30**
Chromosomal instability-induced inflammation: a catch 22 for cancer cells
 **Dr Floris Foijer**, University of Groningen



 **9.30 -10.00**
A new role of altered R-loop homeostasis in radiation-induced tumor immunogenicity
 **Pr Sandra Demaria**, Weill Cornell Medicine



 **10.00-10.30** Coffee break


10.30-12.30 Session II: MYELOID CELLS

 **10.30 -11.00**
Myeloid cells in cancer
 **Dr Mikael Pittet**, University of Geneva



 **11.00 -11.30**
Neutrophils in lung cancer: modulators of tumor growth and therapy response,
 **Dr Etienne Meylan**, ULB



 **11.30 -12.00**
Local and abscopal responses of small-cell lung cancer to radiation therapy
 **Pr Julien Sage**, Stanford University



 **12.00 -12.30**
Enhancing phagocytosis to magnify radiotherapy-induced in situ tumor vaccination
 **Dr Rodney Cheng-En Hsieh**, Chang Gung Memorial Hospital



 **12.30-14.00** Lunch break and exhibition

14.00-16.00 Session III: RT DOSE AND MODALITIES

 **14.00 -14.30**
Spatially fractionated FLASH radiotherapy modulates the antitumor immune response
 **Dr Cristian Fernandez-Palomo**, University of Bern



 **14.30 -15.00**
Radiotherapy with carbon ions plus CTLA4 blockade elicits therapeutic immune responses in a murine tumor model
 **Dr Stefan Eichmüller**, DKFZ Heidelberg



 **15.00 -15.30**
Revisiting the radiobiology of targeted alpha therapy
 **Dr Jean-Pierre Pouget**, Institut de Recherche en Cancérologie de Montpellier

 **15.30 -16.00**
Radiotherapy in the context of multimodality treatment for oligometastatic disease
 **Pr Matthias Guckenberger**, University of Zurich



 **16.00-16.30** Coffee break

16.30-18.30 Session IV: IMMUNOSUPPRESSION

 **16.30 -17.00**
IL-1, CAFs and rectal cancer
 **Dr Florian Greten**, Frankfurt University

 **17.00 -17.30**
Mapping of stromal heterogeneity and plasticity in breast cancer
 **Dr Fatima Mechta-Grigoriou**, Institut Curie









Keynote Presentation


 **17.30 -18.15**
Radiotherapy and immunotherapy converge on elimination of tumor-promoting erythroid progenitor cells through adaptive immunity
 **Pr Ralph Weichselbaum**, Chicago University

Friday







September 29th

8.30-10.30 Session V TUMOR MICROENVIRONMENT

-  **8.30 -9.00**
Spatial transcriptomics reveals a substantial heterogeneity in TNBC tumor and stroma compartments with potential clinical implications
 **Pr Christos Sotiriou**, ULB
-  **9.00 -9.30**
Immune contexture of radiation response
 **Dr Jerome Galon**, Cordeliers Research Center
-  **9.30 -10.00**
Reprogramming the tumour microenvironment to improve responses to radiotherapy
 **Pr Tim Illidge**, Manchester Cancer Research Center
-  **10.00 -10.30**
Innovative approaches to trigger radiation induced immunological cell death and overcome checkpoint resistance,
 **Pr Jim Welsh**, MD Anderson Cancer Center, USA





 **10.30-11.00** Coffee break

11.00-12.30 Session VI AI, IMAGING AND RADIOMICS

-  **11.00 -11.30**
The role of standard imaging in radio-immunotherapy: focus on radiomics and lymphocyte sparing radiotherapy
 **Pr Philippe Lambin**, Maastricht University
-  **11.30 -12.00**
Predictive and prognostic role of PET in immunotherapy
 **Dr Désirée Deandreis**, Gustave Roussy
-  **12.00 -12.30**
Next generation radiotherapy at the era of AI and immunotherapy
 **Pr Eric Deutsch**, Gustave Roussy

12.30-14.00 Lunch break and exhibition

14.00-16.00 Session VII ADAPTIVE IMMUNITY

-  **14.00 -14.30**
Fatty Acid metabolic regulation of anti-tumor immunity against irradiated glioblastoma
 **Dr Claire Vanpouille-Box**, Weill Cornell Medicine
-  **14.30 -15.00**
Human endogenous retroviruses represent a source of shared tumor epitopes for cancer immunotherapy,
 **Pr Stephane Depil**, Centre Leon Berard

Friday September 29th



15.00 -15.30

Targeting IL2 signaling with radiotherapy to trigger systemic immunity



Pr Sana Karam, University of Colorado



15.30 -16.00

Impact of radiation on intestinal commensals and cancer immunosurveillance,



Pr Laurence Zitvogel, Gustave Roussy

16.00-16.30 Coffee break

16.30-17.30 Session VIII INNATE IMMUNITY



16.30 -17.00

In situ abscopal effect: synergistic efficacy of immunotherapy and partial tumor irradiation



Dr Michele Mondini, Gustave Roussy



17.00 -17.30

Photon and particle radiation antitumor immune effects via senescence and NK cells



Pr Peter Hüber, German Cancer Research Center

