

Master 2

Spéciality « Immunology »

Course « Physiopathology of immune response»

Module : Tumor Immunology



Week 6-10 December 2021

Responsibles : S Sibénil, E. Tartour,

15 Rue de l'école de Médecine.75006 Paris

December 6th (Monday)

Morning

9h-10h30 Introduction in Tumor Immunology

F Pages

(Centre des Cordeliers. Paris and HEGP)

10h45-12h Angiogenesis (Hypoxia) and immunosuppression.

M Terme

(PARCC-HEGP. Paris)

Afternoon

14h-15h15 : Role of B cells and Mechanisms of action of antibodies against cancer

S Sibéril

(UMRS 1138. Centre de recherche des Cordeliers and Sorbonne Université)

15h30-16h45 Tertiary lymphoid structure

Catherine Fridman

(Centre de recherche des Cordeliers and INSERM UMR S1138)

December 7th(Tuesday)

Morning

9h-10h30 : : Integrative Biology in tumor immunology

A de Reynes

(Ligue Nationale contre le Cancer)

10h45-12h15 Dendritic cells and cancer.

P Guernonprez

Afternoon

14h-15h: NK cells and cancer

J Russik

(Centre de recherche des Cordeliers and Sorbonne Université)

15h15-16h15 : Imaging the migration of T cells in the tumor microenvironnement

E Donnadieu

(Institut Cochin. INSERM, U1016, CNRS, UMR8104Paris)

16h30-17h30 : Regulatory T cells and cancer

G Darrasse Jeze

(Université de Paris)

December 8th (Wednesday)

Morning

9h-10h15 : Rationale, mechanisms of action and resistance (Préclinical models)

N Bercovici (Institut Cochin. INSERM, U1016, CNRS, UMR8104)

10h30-12h : Targeting inhibitory receptors : Clinical results, biomarkers and perspectives

S Champiat (Institut Gustave Roussy)

Afternoon :

14h-15h30 Adoptive and CAR T cell therapy **O Adotevi**
(INSERM CIC 1431 CHU Besançon)

15h45 Highlight (Magnon/ Yuting Ma/ AC Anderson Glucocorticoides/ Exhaustion)

December 9th (Thursday)

Morning

9h-10h15 : Cancer Vaccine at the era of checkpoint inhibitor **E Tartour**
(HEGP. INSERM U70 PARCC. Université de Paris)

10h30-12h Fibroblasts and resistance to anti-tumor immunity **A Hennino**
(Université de Lyon 1, Villeurbanne, INSERM U1052 Centre Léon Bérard. Lyon)

Afternoon :

Metabolism and Immuno-oncology (Highlight)

14h-15h30 Metabolic intervention in the immune response against cancer **PJ Siska**
(University Hospital Regensburg, Germany).

15h45-17h15 Caloric restriction, Immunity and cancer **G. Kroemer**
(Université de Paris, INSERM U1138, Centre de recherche des Cordeliers)

December 10th (Friday) : Novel target in Oncology

9h-10h30 : Tumor associated macrophages **J Helft** (Institut Curie. INSERM U932)

10h45 – 12h15 : CD39 and CD73 : Novel therapeutic target in cancer Immunotherapy
N Bonnefoy (Institut de Recherche en Cancérologie de Montpellier (IRCM))