

Master 2

Spécialité « Immunology »

Course « Physiopathology of immune response»

Module : Tumor Immunology



Week 30 November -4 December 2020

Responsibles : S Sibéril, E. Tartour,

15 Rue de l'école de Médecine.75006 Paris

November 30th (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 1st (Tuesday)

Morning

- 9h-10h30 : : Integrative Biology in tumor immunology **A de Reynes**
(Ligue Nationale contre le Cancer)
- 10h45-12h15 Epigenetique et immunité et K **F Pendino**
(Institut Cochin. INSERM, U1016, CNRS, UMR8104)

Afternoon

- 14h-15h: NK cells and cancer **I Cremer**
(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 2nd (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)

15h45-17h Sting a novel therapeutic target in oncology. **N Manel**
(Institut Curie. INSERM U932 Paris)

December 3rd (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 4th (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))