

Master 2^{ième} année
Spécialité « Immunologie »
Parcours I2P
Année universitaire 2021-2022

Université de Paris & Sorbonne Université

Module « Dialogues en Immunologie »

(6 ECTS)

Thursday, October 14th

18h00-19h00

Introduction to "Dialogues in Immunology"

Mireille Viguié and Encarnita Mariotti-Ferrandiz

Zoom link:

<https://us02web.zoom.us/j/83273833691?pwd=a2FZQ3ZCRUhSSEhrc0ViaDRleW5Hdz09>

OPENING CONFERENCES

Tuesday, November 2th,

Location : Amphithéâtre Portier, Site des Cordeliers

Chairmen: Eric TARTOUR & Makoto MIYARA

9h15-10h45

Shimon SAKAGUCHI

(WPI Immunology Frontier Research Center
Osaka University)

"Regulatory T cells for immune tolerance and homeostasis"

11h00-12h30

Matthieu MAHEVAS

(Institut Necker Enfants Malades (INEM)/INSERM U1151/CNRS UMR 8253, CHU Henri
Mondor, Université Paris-Est Créteil/INSERM U955)

"Protective and pathogenic memory B cells response"

TECHNOLOGY CONFERENCES

Tuesday, November 2th,

Location : Amphithéâtre Portier, Site des Cordeliers

Chairwoman: Mireille Viguié

14h00-15h00

Adrien SIX

(Laboratoire i3, UMRS959, Sorbonne Université)

“Introduction to Systems Biology: Principles and Methods”

15h15-16h15

Philippe BOUSSO

(Institut Pasteur, Paris)

“Decoding mechanisms of tumor immunity using intravital imaging”

Schedule

November 3-5, 2021

Conferences "Dialogues in Immunology"

Principle:

- Each theme is divided into two consecutive sessions (one session from 9:30 am to 12:00 pm; the second from 1:30 pm to 4:00 pm) coordinated by a chairman/chairwoman.
- The chairman/chairwoman invites one (or more) speakers for each session.
- Four students will be in charge of the session's animation and will prepare a question session for the speaker.
- Students are divided into 2 groups (groups 1 & 2)
- Each session is attended by one of the two groups of 25 students (depending on the sanitary situation, the attendance could be either on site for everyone or hybride attendance (on site and virtually) by splitting each group into two groups)
- Students work in pairs equally divided into groups 1 & 2 (pairs of pairs will be organized in case of hybride attendance)
- Therefore, each pair, represented by one of its members, will attend each session of each theme.
- The final report will be written in pairs and should synthesize the information and the product of the discussions throughout the sessions and provide a general synthetic discussion on all the sessions.

Wednesday, November 3rd

Location : Campus Pitié-Salpêtrière, Batiment 105, salle 102 & 112

Theme n°1 – Mediators of innate immunity

Chairman: Jean-Michel Sallenave

9h30-12h00, session 1

Basophils Mast Cells and Immunopathology

Nicolas CHARLES (Centre de Recherche sur l'Inflammation,
Hôpital Bichat, Paris)

15h00-17h30, session 2

Purinergic receptors, inflammasomes and inflammation

Jean KANELLOPOULOS (Université Paris Sud)

Theme n°2 – The Effectors of Natural Immunity

Chairman: Jean Pierre Couty

9h30-12h00, session 2

Origin and Function of TAM: revisiting the paradigm

Alexandre BOISSONNAS (CIMI, Paris)

13h30-16h00, session 1

Ontogenetic, phenotypic & functional macrophages diversity

Emmanuel-Laurent GAUTIER (CIMI, Paris)

18h00-19h00

Les concours des Ecoles Doctorales

Antonino NICOLETTI (Université de Paris, directeur département Immunologie de
l'école doctorale Bio Sorbonne Paris Cité (BioSPC))

Thursday, November 4th,

Location : Campus Pitié-Salpêtrière, Batiment 105, salle G & H

Theme n°3 – Antigenic Presentation

Chairwoman: Mireille Viguier

9h30- 12h00, session 1

TLR, processing and presentation of antigens

Bénédicte MANOURY (Institut Necker)

13h30-16h00, session 2

Dendritic cells and antigen presentation

Anne HOSMALIN (Institut Cochin)

Theme n°4 – Hematopoiesis

9h30-12h00, session 2 Chairwoman: Rachel Golub
Positive and negative selection of B lymphocytes
Claude-Agnès REYNAUD
(Institut Necker/INSERM)

13h30-16h00, session 1 **Defining T lymphocyte identity**
Ana CUMANO (Institut Pasteur)

18h00-19h00 *Les concours des Ecoles Doctorales*
Xavier Houard ((Sorbonne Université, Directeur de l'école doctorale Physiologie et
Physiopathologie (P2T))

Thursday, November 5th

Location : Campus Pitié-Salpêtrière, Batiment 105, salle G & H

Theme n°5 – Evolution of the immune system

Chairwoman: Encarnita Mariotti

9h30-12h00, session 1 **Innate immunity, from invertebrates to vertebrates**
Jean-Pierre LEVRAUD (Institut Pasteur, Paris)

13h30-16h00, session 2 **Diversity, Repertoire Selection and Evolution**
Pierre BOUDINOT (INRA, Jouy en Josas)

Theme n°6 – Regulation of immune responses

Chairwoman: Lucienne Chatenoud

9h30-12h00, session 2 **Regulatory T lymphocytes and Immune Tolerance**
Benoit Salomon (CIMI-UPMC UMRS - Inserm U1135 –
CNRS ERL 8255- Pitié Salpêtrière)

13h30-16h00, session 1 **Regulatory T Cells: from Biology to Therapy**
Julien Zuber (Hôpital Necker-Enfants Malades)

16h00-16h30, sessions 1 & 2 *General discussion*

17h00-17h30 **only I2P students**
Sébastien Storck
Presentation of the module "Analysis of scientific articles"

Location : Campus Pitié-Salpêtrière, Bâtiment 105, salle 112

November 8 to 12 « Les Masteriales »

Monday 8 November to Friday 12 November morning

Location : Campus Paris Rive Gauche, Université Paris Diderot

Bâtiment Halle aux Farines, 5^{ème} étage

Fablab ,Salles 443C et 449C Halle aux Farines,

10 rue Françoise Dolto, Paris 13th

Masteriales launch & Project preparation

Guillaume Darrasse-Jèze

Friday 12 November afternoon

Site : Campus Paris Rive Gauche, Université Paris Diderot

Bâtiment Buffon RDC 2 salle RHOX

Presentation of the projects by students

Guillaume Darrasse-Jèze & jury members