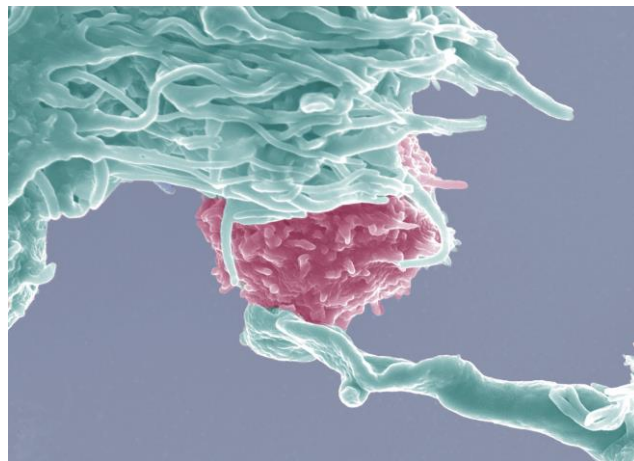


ADVANCED IMMUNOLOGY COURSE 2019 - 2020

MASTERS (M2) UNIVERSITES DE PARIS ET SORBONNE UNIVERSITE



PROGRAM

FROM NOVEMBER 18TH 2019 TO JANUARY 10TH 2020

ADVANCED IMMUNOLOGY COURSE

2019 - 2020

MASTERS (M2) des UNIVERSITES DE PARIS ET SORBONNE UNIVERSITE

THEMES

- Development of the immune system.
- Molecular basis for antigen recognition by B and T lymphocytes.
 - Repertoire selection and auto-immunity.
 - Lymphocyte interactions
 - Immune responses and immunotherapy
 - Innate immune system

The course will take place at

Education Center - Pavillon Louis MARTIN (09 PLM) and Social Building (06)
CBUTechS – Metchnikoff building and François Jacob Building

PRACTICAL COURSES (NOVEMBER 19- DECEMBER 7, 2019):

PLM (09): 2nd floor and social building (06) classrooms 4 and 5

LECTURES (DECEMBER 9-20, 2019) : *classroom 4*

SEMINARS (JANUARY 8-10, 2020): *classroom 5*

Exam (January 7, 2019): *classroom 5*

28, rue du Docteur Roux, 75015 Paris

DIRECTORS OF THE COURSE

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HEAD OF STUDIES

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MONDAY 18 NOVEMBER – CLASSROOM 5

8:30 - 10:00 Presentation Ana CUMANO, Milena HASAN, Andrés ALCOVER,
(Institut Pasteur - Paris)

NOVEMBER 18 TO DECEMBER 6, 2019

WEEKS 1-3

PRACTICAL COURSES

DECEMBER 9 TO DECEMBER 20, 2019

WEEKS 4 - 5

CONFERENCES – CLASSROOM 4

JANUARY 7, 2020

EXAM – CLASSROOM 5

JANUARY 8 TO JANUARY 10, 2020

BIBLIOGRAPHY SEMINARS – CLASSROOM 5

ADVANCED IMMUNOLOGY PRACTICAL COURSES

PROGRAM

NOVEMBER 18 - DECEMBER 6, 2019

Weeks 1-3

**Application of cutting edge technologies in the characterization
of age-dependent differences in the immune response of healthy individuals**
(supported in part by “Milieu Intérieur” LabEx project)

Director: Milena Hasan

Conferences associated to the Practical Courses:

WEDNESDAY 27 NOVEMBER (CLASSROOM 5)

9:00 - 10:00 From Translational Research to Personalized Medicine **Stanislas POL**
(Institut Pasteur/Hôpital Cochin - Paris)

TUESDAY 3 DECEMBER (CLASSROOM 5)

9:00 - 10:00 Genetic determinants of the Immune response **Lluís QUINTANA-MURCI**
(Institut Pasteur - Paris)

Designed and organized by
Murielle ALMOUSSA, Bernd JAGLA, Bruno CHARBIT Milena HASAN,
Isabelle LEQUEUTRE, Valentina LIBRI, Sophie NOVAULT, Céline POSSEME, Sandrine SCHMUTZ,
Tharshana STEPHEN

ADVANCED IMMUNOLOGY CONFERENCES

PROGRAM

DECEMBER 9 - 20, 2019

Weeks 4-5

Module d'Ecole Doctorale - Advanced Immunology - 1

MONDAY 9 DECEMBER

9:00 - 12:00 Phylogeny of the Immune System

Louis du PASQUIER
(University of Basel, Switzerland)

13:30 - 16:30 Stem cells, hematopoiesis and lymphopoiesis

Ana CUMANO
(Institut Pasteur - Paris)

TUESDAY 10 DECEMBER

9:00 - 12:00 Origin of antigen receptor diversity and recombination

Ludovic DERIANO
(Institut Pasteur - Paris)

13:30 - 16:30 Thymus development

Graham Anderson
(University of Birmingham, UK)

WEDNESDAY 11 DECEMBER

9:00 - 12:00 Innate lymphoid cells

James DI SANTO
(Institut Pasteur - Paris)

13:30 - 16:30 α/β T cell development and selection

Ludger KLEIN
(Institute for Immunology – Munich, Germany)

THURSDAY 12 DECEMBER

9:00 - 12:00 Lymphocyte dynamics

Philippe BOUSSO
(Institut Pasteur - Paris)

13:30 - 16:30 Peripheral tolerance and autoimmunity.

Burkhard BECHER
University of Zurich - Switzerland)

FRIDAY 13 DECEMBER

9:00 - 12:00 Heterogeneity of T helper cell subsets

Marc VELDHOEN
(Institute of Molecular Medicine, Lisbon, Portugal)

13:30 - 16:30 Lymphocyte activation and Immunological Synapses

Andrés ALCOVER
(Institut Pasteur-Paris)

ADVANCED IMMUNOLOGY CONFERENCES

Module d'Ecole Doctorale - Advanced Immunology - 2

MONDAY 16 DECEMBER

9:00 - 12:00 Immune response and vaccination strategies to Plasmodium **Rogério AMINO**
(Institut Pasteur - Paris)

13:30 - 16:30 γ/δ T cells : development and function **Adrian HAYDAY**
(Francis Crick Institute- London, UK)

TUESDAY 17 DECEMBER

9:00 - 12:00 Lymphoid tissue development. **Tom CUPIDO**
(Erasmus University, Rotterdam, The Netherlands)

13:30 - 16:30 Dendritic cells **Philippe PIERRE**
(Centre d'Immunologie Marseille-Luminy)

WEDNESDAY 18 DECEMBER

9:00 - 12:00 Commensals, the Immune System and the Brain **Gerard EBERL**
(Institut Pasteur - Paris)

13:30 - 16:30 Lymphoma pathogenesis **Ralf KÜPPERS**
(University of Duisburg – Essen, Essen, Germany)

THURSDAY 19 DECEMBER

9:00 - 12:00 Molecular Basis of Immune-deficient diseases **Alain FISCHER**
(Institut Imagine - Paris)

13:30 - 16:30 Fc receptors and allergy **Marc DAERON**
(Centre d'Immunologie Marseille-Luminy)

FRIDAY 20 DECEMBER

9:00 - 12:00 Control of Disease Susceptibility **Miguel SOARES**
(Gulbenkian Institute, Oeiras, Portugal)

13:30 - 16:30 B cell memory **Thierry DEFRANCE**
(CIRI, Lyon)

Week 6

TUESDAY 7 JANUARY 2020 - CLASSROOM 5

9:00 - 13:00 EXAM

14:30 - 17:30 Answers to the exam's questions. Interactive feed back session

ADVANCED IMMUNOLOGY BIBLIOGRAPHY SEMINARS – Classroom 5

WEDNESDAY 8 JANUARY

9:30 - 12:30

SEMINAR 1

Molecular basis of B cell differentiation.

Organizers:

Paulo VIEIRA (Institut Pasteur - Paris)

Isabelle ANDRÉ-SCHMUTZ (Institut Imagine - Paris)

14:00 - 17:00

SEMINAR 2

Lymphocyte Trafficking

Organizers:

Idan MILO (Institut Curie - Paris)

Emmanuel DONNADIEU (Institut Cochin - Paris)

THURSDAY 9 JANUARY

9:30 - 12:30

SEMINAR 3

Lymphocyte activation and transcriptional regulation

Organizers:

Elisabetta BIANCHI (Institut Pasteur - Paris)

Jérôme DELON (Institut Cochin - Paris)

14:00 - 17:00

SEMINAR 4

T cell responses

Organizers:

Corinne TANCHOT (Hôpital Européen Georges Pompidou - Paris)

Christine BOURGEOIS (Faculté de Médecine - Université Paris Sud)

FRIDAY 10 JANUARY

9:30 - 12:30

SEMINAR 5

Innate immunity

Organizers:

Florence NIEDERGANG (Institut Cochin - Paris)

Molly INGERSOLL (Institut Pasteur - Paris)

14:00 - 17:00

SEMINAR 6

Antibodies in health and disease

Organizers :

Friederique JÖNSSON (Institut Pasteur - Paris)

Hugo MOUQUET (Institut Pasteur - Paris)

17:30

PARTY

Contacts
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