Université Paris-Saclay
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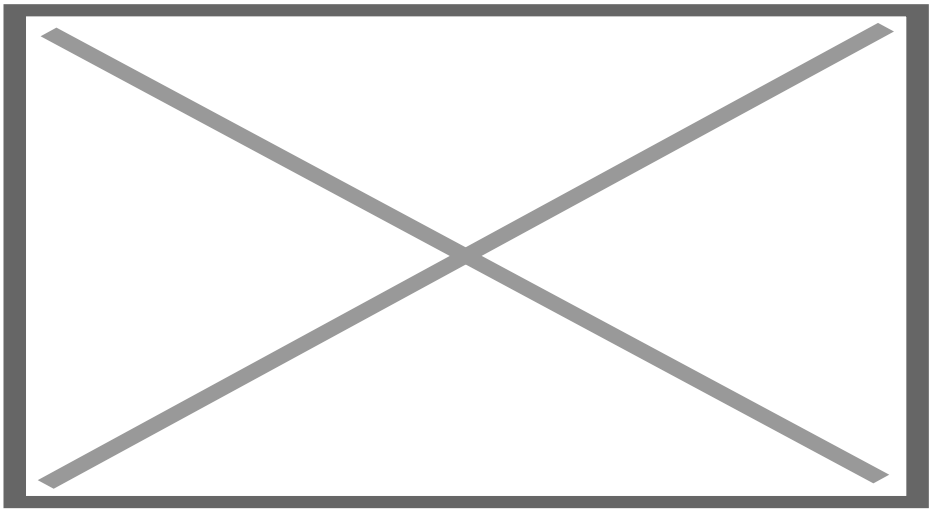
M2 Endocrinologie et métabolisme

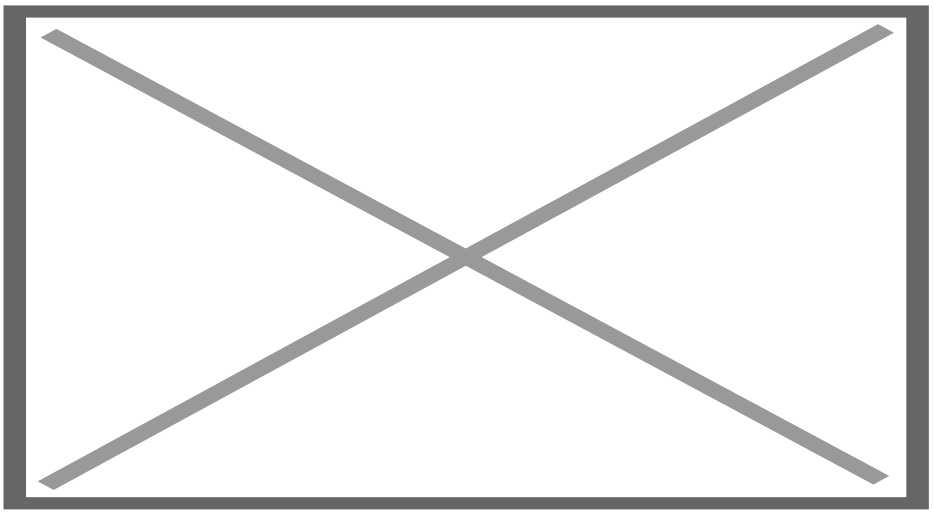
Master's degree
Specialisation Biologie moléculaire et cellulaire
Enrolment type
Formation initiale
Formation continue
Language(s) of instruction
English
French

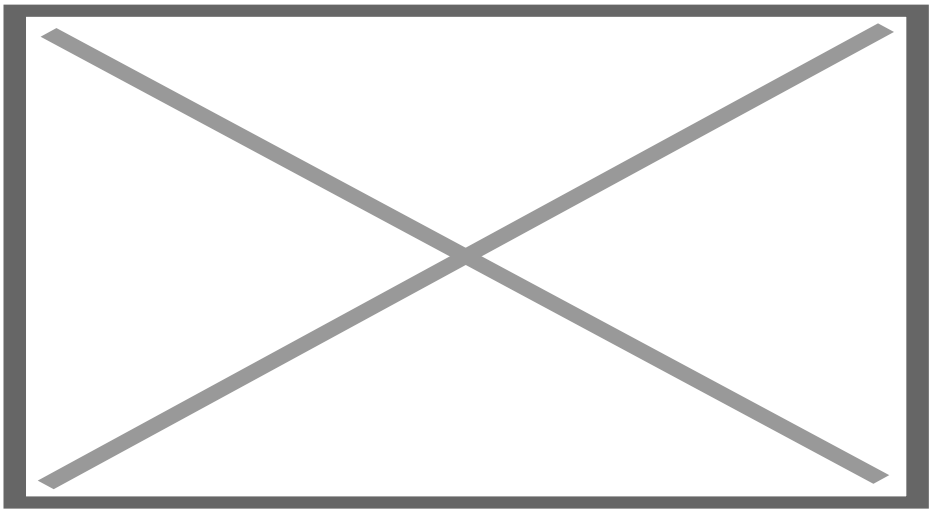
Train science students, doctors, pharmacists and veterinarians in endocrinology research. The training programme is organised into six theoretical teaching units covering all aspects of endocrinology (reproduction, metabolism, neuroendocrinology, thyroid) following general introductory teaching units on signalling and methodology in endocrinology. It is supplemented by practical training as internship in research laboratories during 6 months.

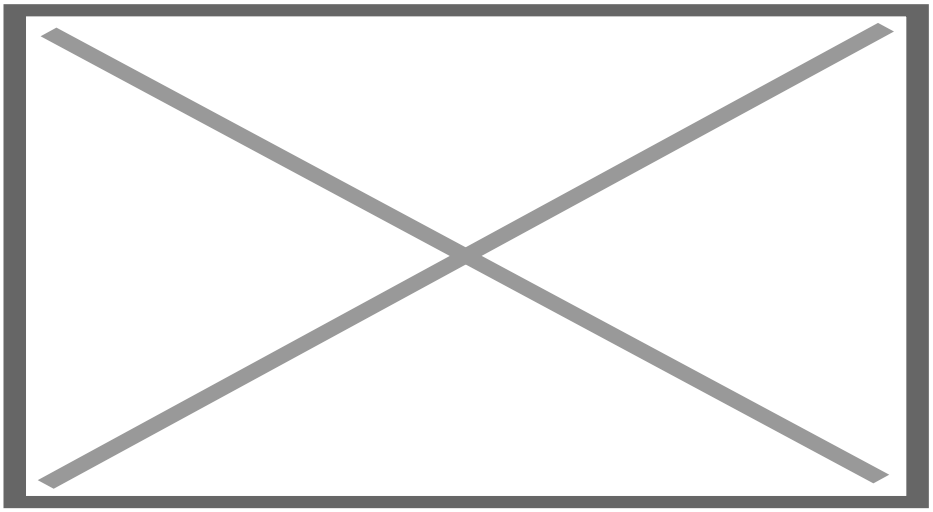
The first semester is devoted to theoretical lessons and the definition of the project which will be carried out during the internship. The training is organized into 6 theoretical units covering all aspects of Endocrinology (Reproduction, Metabolism, Neuroendocrinology, Thyroid) after a general introductory unit to signaling and a methodology unit in Endocrinology. The student must complete 5 compulsory teaching units and 1 optional teaching unit chosen from 2 teaching units, which are common to the Master 2 Reproduction and Development (Developmental Biology and Endocrinology of Reproduction). The training is supplemented by practical training with an internship in a research structure in Endocrinology and metabolism which takes place in the 2nd semester.

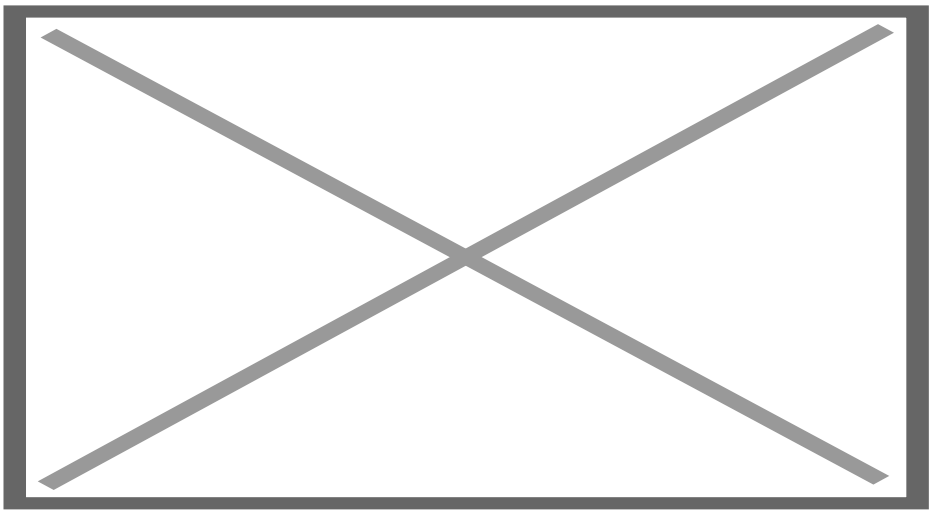
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Information

- Overview
- Application requirements
- Schedule

Présentation

Objectives

To train science students, doctors and pharmacists in research in Endocrinology (molecular, cellular and pathophysiology).
Our training allows the meeting of students from medical studies (usually from the DES of Endocrinology, but also from Medical Gynecology or Pediatrics) with students from the Faculty of Sciences and biological doctors or pharmacists.

Débouchés

Career prospects

After a Master's or Master's + PhD: engineer (R&D, control, production, etc.)
After a Master's or Master's + PhD: researcher or lecturer
After a Master's or Master's + PhD: engineer (research and development, control, production, etc.) in the fields of health, pharmaceuticals, agri-food, biotechnologies, instruments and reagents, cosmetics, pollution control and the environment.
After a Master's + PhD: researcher or lecturer
After a Master's or Master's + PhD: engineer (Research & Development, control, production, etc.)
After a Master’s degree: Research analyst

Further Study Opportunities

Biology-Agrosciences
PhD in Chemistry / Biology
PhD
Clinical Research associate or assistant course
R&D researcher or data modelling and analysis expert in leading-edge companies or laboratories.

Admission

Admission Route

Chemistry
Life Sciences
Life and Earth Sciences
Health sciences
Science and Technology
Engineering Sciences

Capacity

Available Places

20

Target Audience and Entry Requirements

This M2 is based on the scientific and health curricula of the M1 Biology-Health. All teaching units are shared in M1 and organized into platforms (lists of teaching units to choose from), grouped into five major scientific fields. The recommended platforms for the M1 Biology - Health are: - Physiology and Physiopathology - Genetics, molecular and cellular biology. For students holding another M1, it is necessary to have validated cell signaling, molecular genetics and Endocrinology molecular and cellular units.

Période(s) de candidature

Inception Platform

From 30/01/2026 to 27/06/2026

Supporting documents

Compulsory supporting documents

List of post-secondary school studies mentioning exclusively the year, course, institution, average grade and your grade or distinction.

Copy of the last diploma.

Motivation letter.

Letter of recommendation or internship evaluation.

List of other masters requested (excluding Saclay).

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Certificate of English level.

Curriculum Vitae.

Detailed description and hourly volume of courses taken since the beginning of the university program.

Document indicating the list of local M2 choices available here : https://urlz.fr/i3Lo.

Additional supporting documents

Letter of recommendation from a trainee.

Certificate of English level (compulsory for non-English speakers).

Certificate of French (compulsory for non-French speakers).

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

Supporting documents :
- Residence permit stating the country of residence of the first country
- Or receipt of request stating the country of first asylum
- Or document from the UNHCR granting refugee status
- Or receipt of refugee status request delivered in France
- Or residence permit stating the refugee status delivered in France
- Or document stating subsidiary protection in France or abroad
- Or document stating temporary protection in France or abroad.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dista learn cou
Stage en laboratoire	30	Semestre 2							
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directe study/prac class
Tronc commun								
Anglais P8 - UPSay	3	Semestre 1		6				
Charger le détail								
Projet tuteuré P8 - UPSay	9	Semestre 1						
Charger le détail								
Signalisation cellulaire en Endocrinologie	3	Semestre 1	18	3				
Charger le détail								

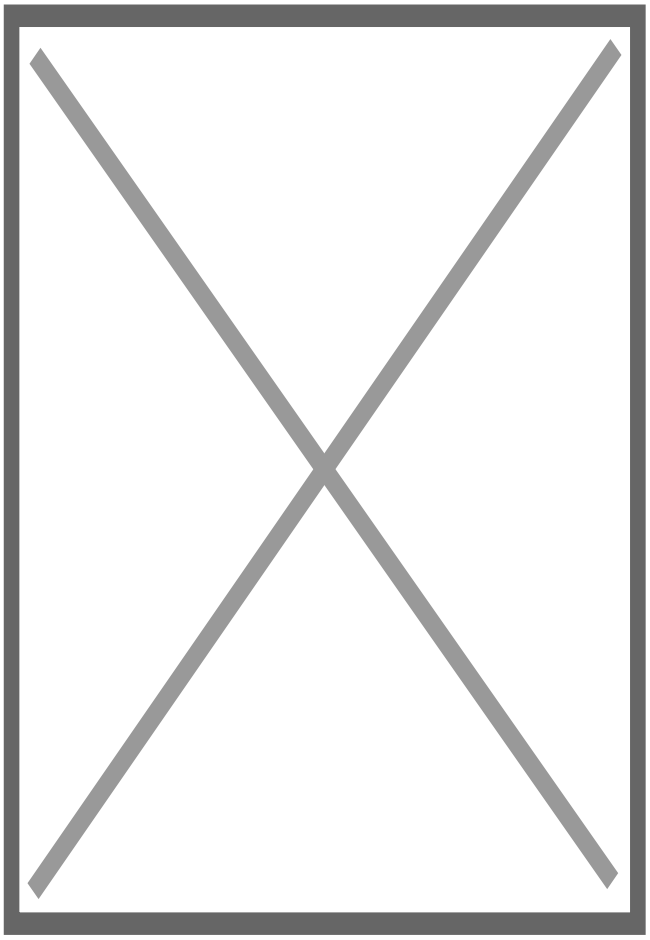
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Neuroendocrinologie moléculaire et intégrative Charger le détail	3	Semestre 1	22.5					
Endocrinologie du métabolisme - UPSay Charger le détail	3	Semestre 1	18					
Fonctions thyroïdiennes - UPSay Charger le détail	3	Semestre 1	21.5					
Méthodologies en Endocrinologie - UPSay Charger le détail	3	Semestre 1	18					
UE Optionnelles								
Biologie du développement Charger le détail	3	Semestre 1	20.5					
Endocrinologie de la reproduction Charger le détail	3	Semestre 1	19					

Teaching Location(s)

ORSAY
PARIS 13
LE KREMLIN BICETRE

Training campus

Javascript est requis pour visualiser cette carte.



Kremlin-Bicêtre

Kremlin-Bicêtre
Bus 125, 186, 323
Métro 14 Hôpital Bicêtre
Voir
Student restaurant (CROUS)

Contact

- **Mohammed Taouis**
- **Jérôme Bouligand**

http://www.universite-paris-saclay.fr/formation/master/biologie-moleculaire-et-cellulaire/m2-endocrinologie-et-metabolisme