Université Paris-Saclay

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M1 International Track, sino-french program

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

A compléter

A compléter

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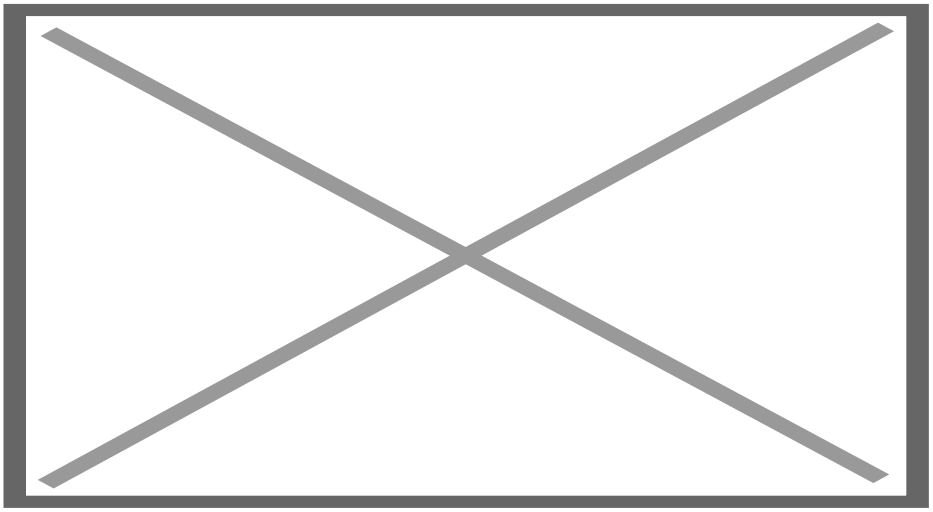

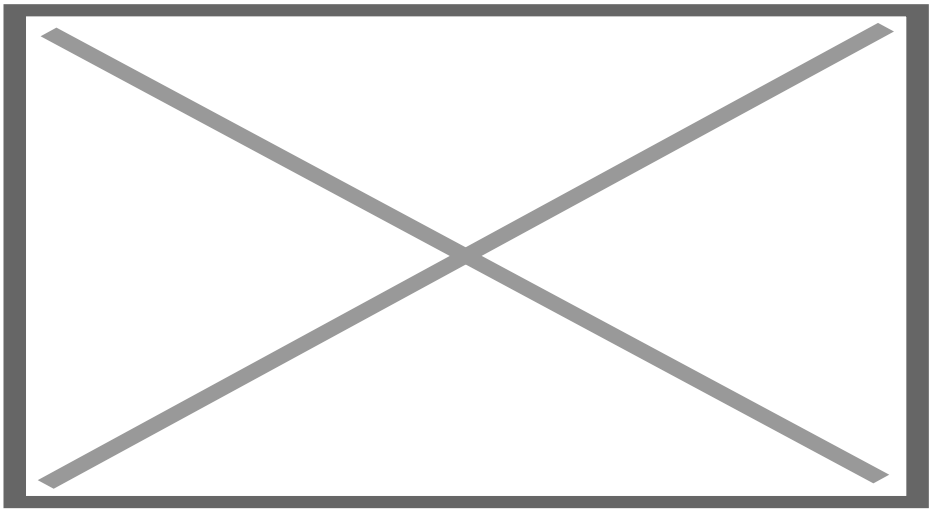

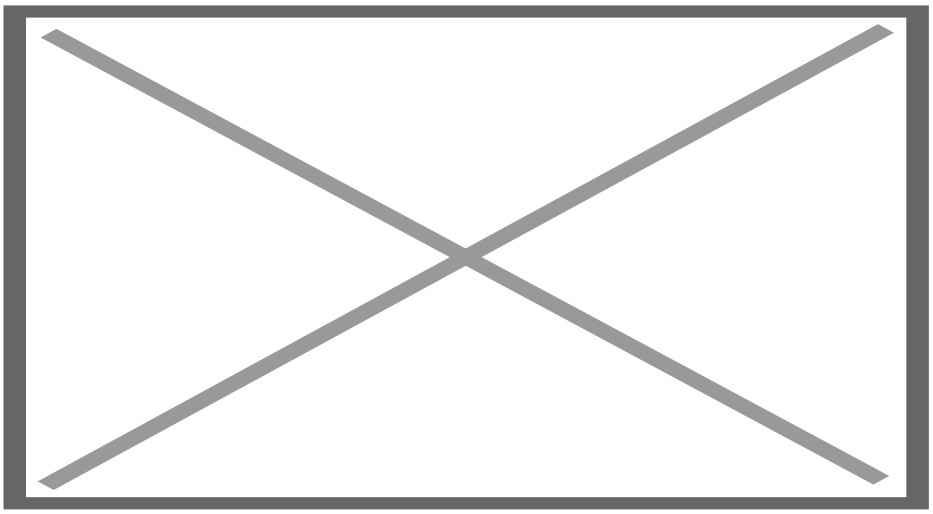

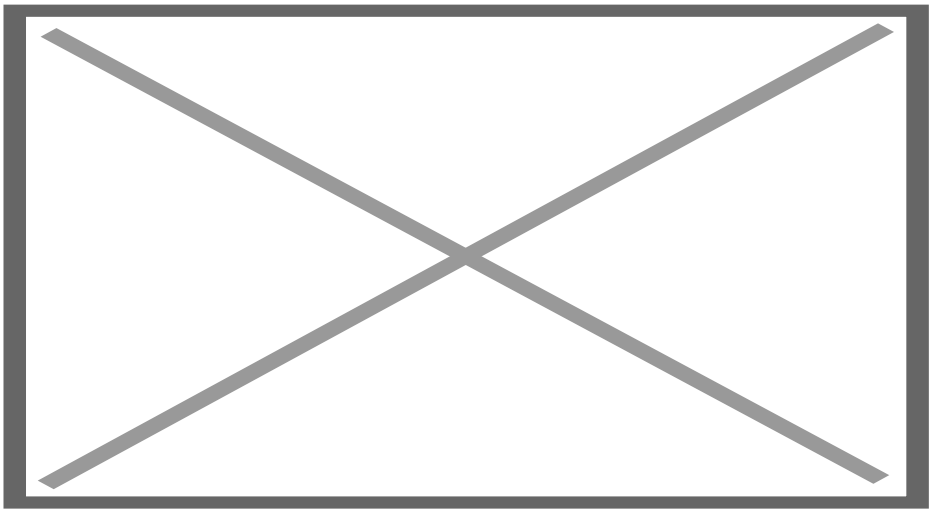

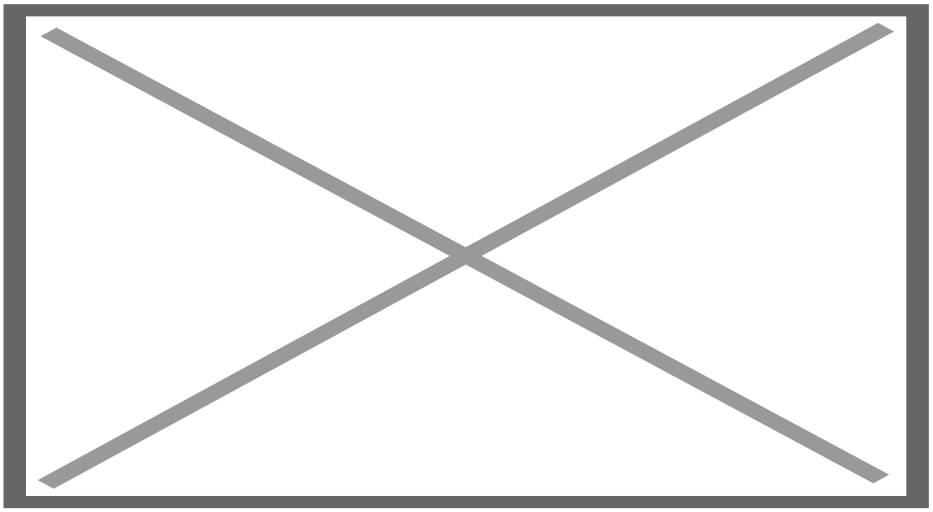

Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

The Master program builds **four essential competencies**:

- **Scientific Approach:** design and conduct research projects, develop innovative ideas, and analyze data responsibly.
- **Expertise & Self-Learning:** acquire specialized knowledge, stay up-to-date with research, and master new tools independently.
- **Scientific Communication:** present and discuss results clearly in English or French, using the right tools for reports, presentations, and publications.
- **Professional Skills:** work independently and in teams, interact with diverse partners, plan effectively, and act ethically.

Outcomes: gain a **research-driven mindset**, transferable skills, and international experience to prepare for **PhD programs, research careers, or roles in life sciences and health**.

Objectives

The "International track Sino-French program" combines a Master 1 program for French or Chinese-speaking students with the international M2 BTCG (Tissue, Cell and Gene Biotherapies) program offered by the Paris-Saclay Master of Molecular and Cell Biology.

The M1 program (1 year) is taught in English language at HUST campus (Wuhan, China) from September to January, and next at the Evry Paris-Saclay campus from February to April-June.
A Bachelor degree (or equivalent cooperative agreement) is required for applying to this M1 Sino-French program.
Following the validation of the first year of Master (M1), students are expected to continue into the M2 BTCG but are allowed to apply to another Master 2 program.

TO APPLY, STUDENTS MUST BE ABLE TO SPEAK FRENCH LANGUAGE with B1 level minimum (excepted Chinese students taking part of the cooperative agreement with HUST University), and English language with B1 level minimum.

Débouchés

Career prospects

Project manager in biotechnologies, biotherapies or healthcare innovation
Head of mission / projects
Project assistant
Research assistant
Research engineer assistant
Research officer
Project Manager
Research officer
Innovation coordinator
PhD candidate
Design engineer
Production engineer
Project engineer
Biological engineer
R&D engineer
Business Manager
Team Manager
Scientific Manager

Further Study Opportunities

M2 Tissue, Cell and Gene Biotherapies

Calendar

Start of programme (indicative date)
01/09/2026
End of programme (indicative date)
31/08/2027
Admission

Admission Route

Life Sciences
Health sciences

Capacity

Available Places

14

Target Audience and Entry Requirements

Licence SV

Licence SVT

Bachelor in Life Sciences

Période(s) de candidature

Inception Platform

From 01/01/2026 to 15/06/2026

Supporting documents

Compulsory supporting documents

Motivation letter.

Specific interest for the Master "Cell and Molecular Biology (BMC)", and professional objective

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

Certificate of English level.

2nd letter of motivation.

- Specific interest for China and France given that this training will take place in these two countries - Confirmation of the ability to speak the French and/or Chinese language

Curriculum Vitae.

Proficiency in French language (minimum B1 level) is mandatory for all students (except those from the HUST partner institution).

Additional supporting documents

2nd letter of recommendation (compulsory for candidates who have already been enrolled in higher education in France before).

Recommendation letter

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/practica class
Core courses : Genes, proteins and cells	10	Semestre 1	56.5	28.5	15			
Charger le détail								
Masteriales	2.5	Semestre 1	2	15				
Charger le détail								
Core courses : Transdisciplinary project	2.5	Semestre 1	2	15				

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practica class
Regulation of gene expression	2.5	Semestre 1	14	9				

Charger le détail

Physiology of the immune system	2.5	Semestre 1	14	9				

Charger le détail

Genetic of complexes diseases	2.5	Semestre 1	14	9				

Charger le détail

Strategies of Immunotherapies	2.5	Semestre 1	14	9				

Charger le détail

Cell signaling and communication	2.5	Semestre 1	14	9				

Charger le détail

Advanced neurobiology	2.5	Semestre 1	14	9				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learni cours
French language 1	2.5	Semestre 1	12	12					

Charger le détail

Chinese language 1	2.5	Semestre 1	12	12					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Animal transgenesis	2.5	Semestre 2	14	9				
Charger le détail								
Introduction to biotherapies, from stem cells to organoids	2.5	Semestre 2	6	5	12			
Charger le détail								
Immuno-pathophysiology	2.5	Semestre 2	14	9				
Charger le détail								
Functional (epi)genomics and precision medicine	2.5	Semestre 2	14	9				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
English language 2	2.5	Semestre 2	12	12					
Charger le détail									
Scientific Project	2.5	Semestre 2	4						
Charger le détail									
Internship	7.5	Semestre 2	4						
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distanc learni cours
French language 2	2.5	Semestre 2	12	12					
Charger le détail									
Chinese language 2	2.5	Semestre 2	12	12					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distanc learni cours

Charger le détail

Teaching Location(s)

EVRY

Academic Partner(s)

Huazhong University of Science and Technology (HUST), Wuhan, Chine

Training campus

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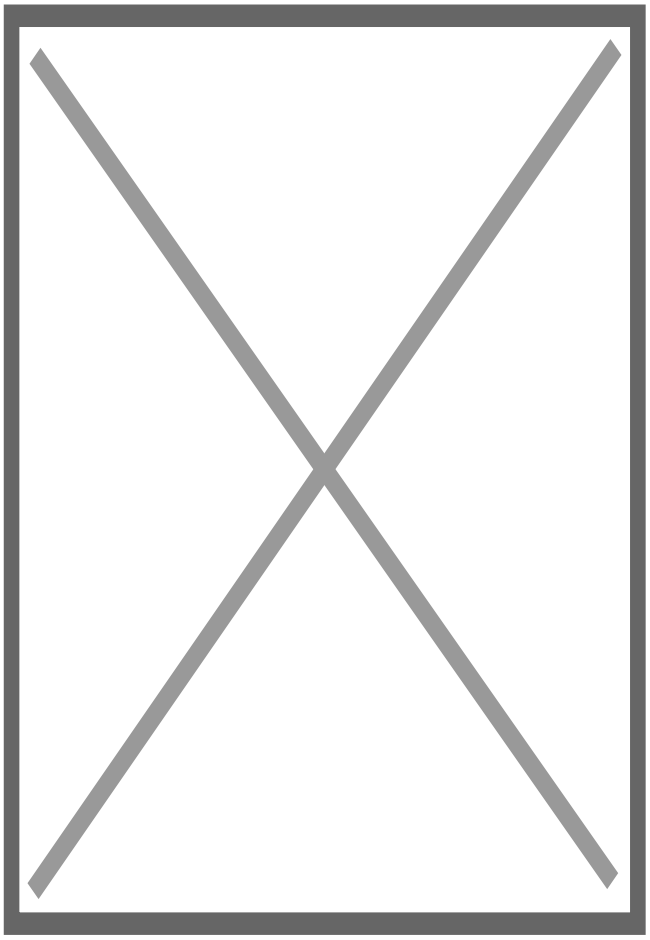

Evry

Evry
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Voir
Student restaurant (CROUS)
Library
Student residence
Sports facilities

Contact

- **Sylvain FISSON**

http://www.universite-paris-saclay.fr/formation/master/biologie-moleculaire-et-cellulaire/m1-international-track-sino-french-program