



SUP
biotech



SUP'BIOTECH

BECOME AN ENGINEER IN BIOTECHNOLOGY



 Erasmus+

Certified School
of Biotechnology
Engineering

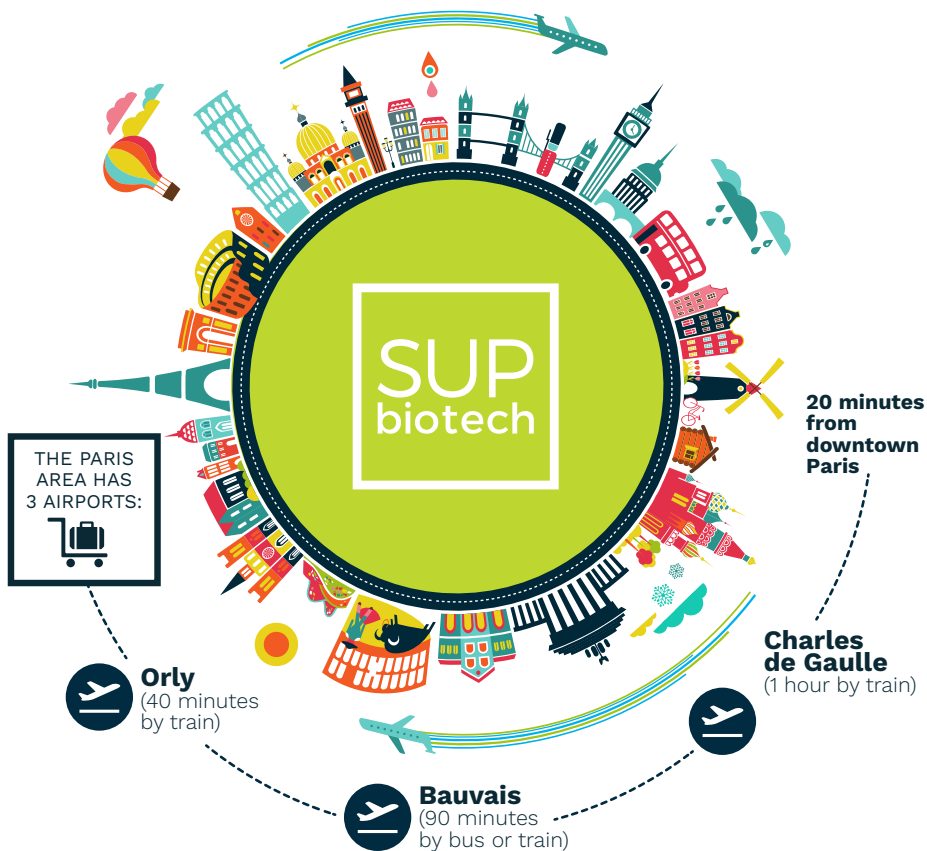
Cti
Commission
des titres d'ingénieur

CAMPUS
FRANCE
campusfrance.org

LIVE IN PARIS... STUDY IN ENGLISH!

LIVE IN PARIS: TRAVEL THROUGHOUT FRANCE AND EUROPE

Paris is located at the heart of Europe, and its nearby airports combine with France's extensive rail network to give students a huge range of travel options. Students staying in France can use their French visas to travel to most countries in Europe. Travel has become so easy and inexpensive that today's young Europeans are often called the "EasyJet Generation", named after the low-cost airline. Sup'Biotech can advise students on how to travel, and we take students on trips in the Paris area throughout the year.



PARIS

Top 10 Best Student Cities
in the world by QS Best Student
Cities Survey

More than

343,000

international students in France

Culture and Leisure

170
museums

- Discounts for monuments, museums and exhibitions
- Events: music and art festivals, sport tournaments, Fashion Week, and many more
- Disneyland Paris and other amusement parks

BECOME A BIOTECHNOLOGY ENGINEER

Sup'Biotech is a private biotechnology engineering school in Paris, France and the school is part of IONIS Education Group, France's largest network of private higher education institutions. At Sup'Biotech, classes are available in French or English through the Bachelor Program. The Undergraduate Program is entirely taught in English.

Sup'Biotech's curriculum is a multidisciplinary balance between science and engineering coursework (lectures, practical laboratory work and projects), management skills and industrial know-how.

AFTER SUP'BIOTECH

In biotech businesses, high-expertise professions are numerous and varied. Fields include research and development, production, quality, marketing regulation, sales in sectors as diverse as health, pharmaceuticals, green industries, cosmetology, agro-business and more. New professions are also available to students from a bio-engineering background including bio-computing, scientific and technological, scientific and technological project managers, biostatisticians, and nanotechnology specialists. These professions require a solid scientific background and an understanding of business, communication and management.

SUP'BIOTECH

SIX REASONS TO ATTEND SUP'BIOTECH

CLASS OF 2013

Cyprien V.
Alumnus,
Astrobiology doctorate

“

After my internship with NASA at the end of my studies, I pursued a doctorate with NASA at the Ames Research Center, California and at Tor Vergata University in Rome, Italy.

I have developed a career in the astrobiology and space exploration sectors.

My primary objectives are the development of biological systems that allow the on-site creation of resources for manned space missions.

My research is mainly focused on the exploration of Mars: how to survive on the planet while using as many local resources as possible, transformed by living organisms into usable matter.

”

Professors, Lecturers,
Speakers

 **140**

Labs

 **8**

International Partners

 **80**

Students

 **780**

Alumni

 **860**

1

No language barrier: English as a medium of instruction

2

Internships: a minimum of 12 months in real-world settings

3

Innovation Projects: in-depth, authentic, hands-on experience

4

Opportunities: our graduates have access to a wide range of careers

5

High-quality instruction: Sup'Biotech's courses are innovative and practical

6

Discovery: experience a new culture and a new way of life while studying abroad!

AT A GLANCE



SUP'BIOTECH GRADUATES CLASS OF 2019 * April 2020 datas

SECTORS

31%



Health/Pharma

25%



Environment

18%



Cosmetics

16%



Consultancy in biotechnologies

10%



Agri-food

POSITIONS

30%



Marketing & Product Management

28%



Production / Quality / Regulation

27%



Research & Development

15%



Business Creation

CLASS OF 2019

Gizem Y.

International Alumna (Turkey)

“

Sup'Biotech provides a wide range of subjects that allow students to expand their knowledge of the biotech industry.

I did my internship at Fluidion, a high-tech start-up which has developed an automatic system for environmental analysis and water quality application. Working at a French company broadened my knowledge of the work environment in France. It was very pleasant to work in an international company.

”

+
95%

Found their 1st job in less than 6 months including 1/2 before the end of their studies

A 5-YEAR PROGRAM TO CULTIVA

UNDERGRADUATE PROGRAM

Program may be modified depending on your intake year

CLASS OF 2022

Arrya J.

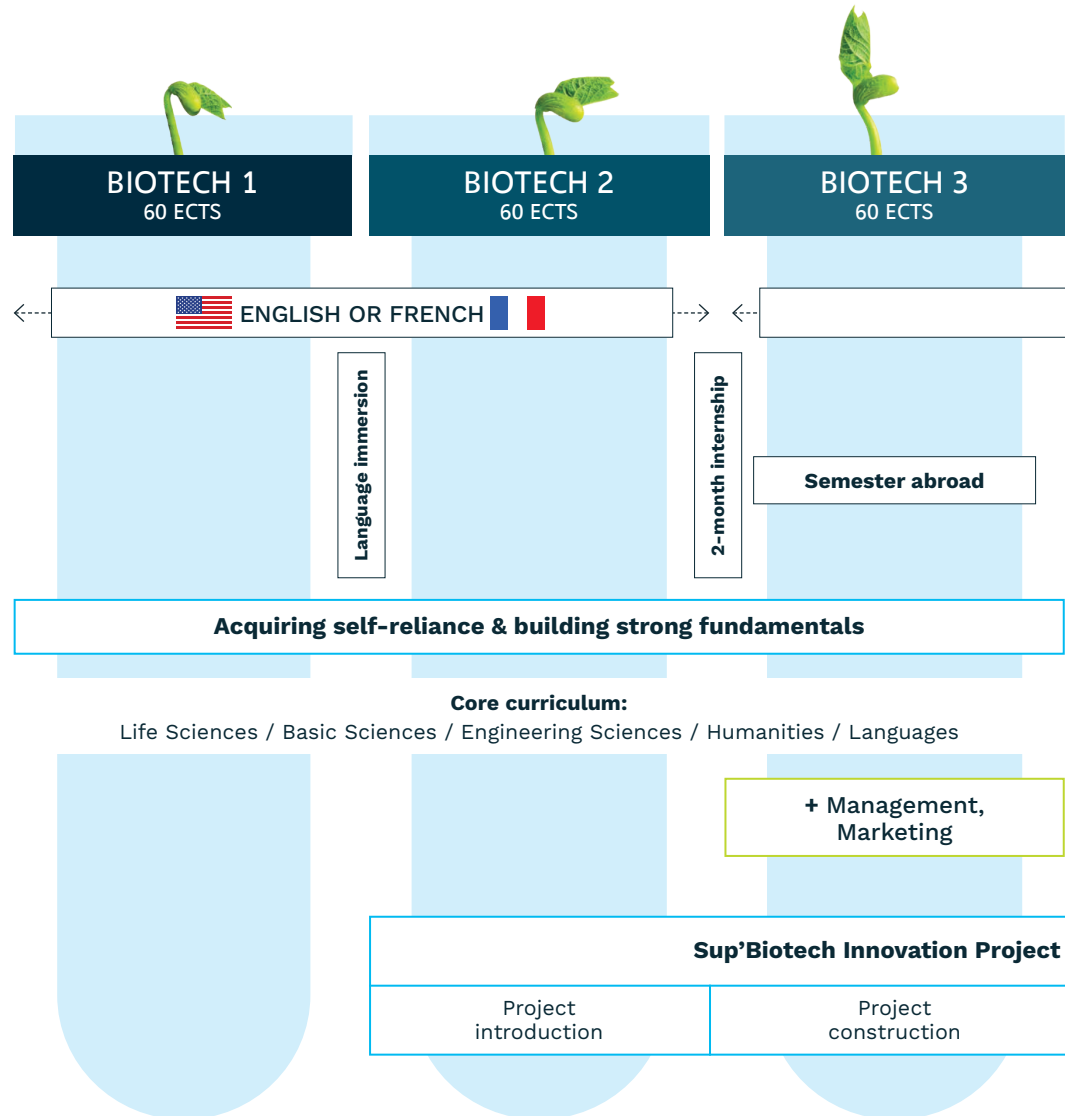
International Student
(Sri Lanka)

“

I got a lot of new experiences and opportunities to get more knowledge and practical skills.

The tutors are supportive and great. Overall I am really happy. As an international student, it has been a rather seamless transition. The lecturers and staff members have all been very helpful and pleasant.

”



**CONTACT US
FOR DETAILED
PROGRAMS**

TE BIOTECHNOLOGY ENGINEERS

GRADUATE PROGRAM



BIOTECH 4
60 ECTS

BIOTECH 5
60 ECTS

ENGLISH 

4-month internship

6-month internship

Acquiring professional skills

+ Choice of Options: Research & Development / Bio-Production & Quality / Marketing & Product Development

+ Choice of Electives: Health & Pharmaceuticals / Food Science / Environment / Cosmetics / Bioinformatics / Nutrition & Health / Biomechanics & Medical Robotics / Digital Health Technology & Biotech

- SBIP

Project testing

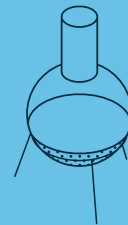
Concept prototyping

MORE THAN 12 MONTHS OF CORPORATE INTERNSHIPS

- **Biotech 3:**
2-month exploration internship
- **Biotech 4:**
4-month junior engineering internship
- **Biotech 5:**
6-month capstone internship

All internships can take place either in France or abroad. Students write a thesis in English for each internship and then defend their work in front of professionals from the industrial, company, research and academic world.

The Corporate Relations Department introduce students to their extensive network of companies, research centers laboratories and industries. This network is a powerful tool for our students to find contacts for their future internships.



SUMMER

4 SUMMER PROGRAMS

3 Programs in July:

- Stem Cells & Genetic Engineering
- Food Science
- Cosmetology

1 Program in August:

- Water and Soil Pollution:
Biotechnological Remediation

Each program grants 6 ECTS



WHAT IS INCLUDED?

- Survival / Advance French courses
- Housing
- Breakfasts and lunches on weekdays
- Cultural and leisure activities
- 3-week transportation pass and much more!



PROGRAMS



WHO CAN APPLY?

- Students from 18 to 28 years old
- Currently enrolled in a Higher Education Program in Life Sciences / Applied Sciences
- With good English proficiency

HOW TO APPLY?

- Prepare your passport, CV, last transcripts and English certificate
- Apply online at www.summer-schools.fr or contact us at international@supbiotech.fr



IT'S ALL ABOUT INNOVATION !

SUP'BIOTECH INNOVATION PROJECTS (SBIP)

The philosophy of innovation that serves as the foundation for the Sup'Biotech Innovation Project (SBIP) can be summed up in one phrase: "an idea, a concept, a project." Beginning in the 2nd year of their undergraduate program, students form working groups based on their skills and interests. Students then work on these projects throughout their program at Sup'Biotech, during weeks when they dedicate their time to SBIP.

These SBIP allow students to hone the mission-critical industrial project management skills that they will need in their future engineering careers. During their SBIP experience, the students receive individualized coaching : they learn how to use management, project construction, and project organization tools.

They learn how to make decisions and implement action strategies. Through these innovative projects, students learn how to take ownership of and responsibility for their work. They develop critical thinking skills that will help them reach their goals.

From their 3rd year, students have access to the Sup'Biotech workshop where they can work on concept testing in a safe environment. This opportunity for self-directed work fosters a sense of responsibility, a positive attitude, independence, critical thinking, and pragmatism in Sup'Biotech students.



BIOPLAST'OIL



Rethinking the plastic manufacturing process of the future

Bioplast'Oil is developing an original solution to the problem of plastic in the environment. Plastic represents a major health risk on a global scale. This is the case in its production and in its disposal, both of which are toxic. The massive use of non-recyclable plastic has led to a vast accumulation of detritus which currently threatens all living organisms on earth, including the human race.

This is the context in which Pierre-Antoine Bar and Maxime Laheurte (class of 2020) are participating in the Bio-plast'Oil project. Their solution is a bio-inspired concept which will contribute to the circular economy model of tomorrow.

It rethinks the plastic manufacturing process by integrating the transformation of food waste into biodegradable, recyclable and compostable plastic for industrial use.

Production of durable goods with the material thus created will economise primary resources as well as more efficiently dispose of human food waste.

The Bioplast'Oil project, winner of the Shaker call for projects, is currently hosted at Génopole*, with the aim of creating a company.

* Génopole is the first French biocluster dedicated to research in health, genetics, sustainable development and biotechnologies.

RESEARCH AT SUP'BIOTECH

Sup'Biotech's 4 Research Labs

CELLTECHS

From stem cells to mini-brains

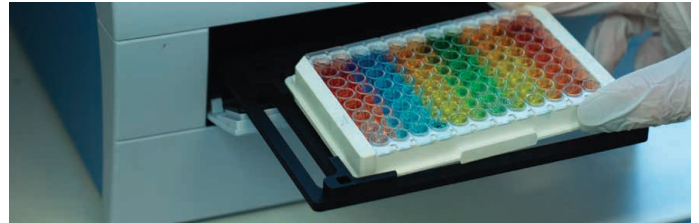
The CellTechs lab uses stem cells and genetic engineering technologies to create three-dimensional "human mini-brains" in the lab. Using new microscopy and imaging techniques, it is possible to see what's happening inside these mini-brains, in order to better understand degenerative neurological illnesses such as Alzheimer's disease.



LRPIA

Using the beneficial roles of micro-organisms for agri-food engineering

The projects of the LRPIA lab seek to reclaim and reuse green waste into eco friendly products with added value for the agriculture and the food industry. This requires the development of innovative biotechnological processes. The LRPIA has then developed a new process using fungi to turn sawdust into an edible product to feed cattle and is currently working on plant-derived products to propose biocontrol approaches to protect fruits and vegetables from pests.



PBS

Answering today's and tomorrow's interrogations:
Social Science & Biotechnologies

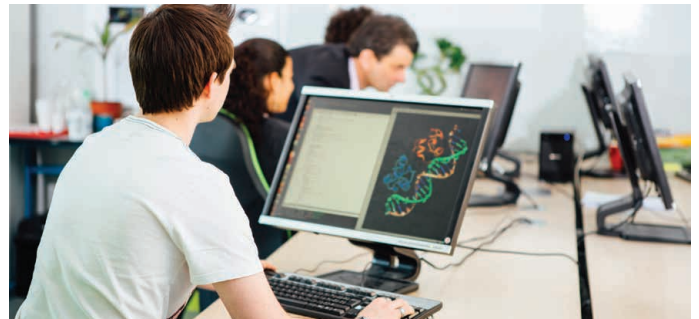
The PBS lab works to explore life science technologies by looking at them in the contexts where they are developed and used. First, biotechnologies are looked at in light of the current societal challenges related to health and the environment. Second, the innovations related to these biotechnologies, and the methods of regulating them are explored. These factors are then examined more closely in light of two research avenues: biotechnologies as related to biomedicine and biotechnologies as related to the environment.



BIRL

Using bioinformatics to model biological mechanisms

BIRL (Bio Information Research Lab) is a theoretical biology lab that aims to decode the molecular mechanisms related to the different aspects of cellular phenotypes, and in particular to cell proliferation. The BIRL is also engaged in developing tools for the systemic analysis of genomic, transcriptomic and proteomic data, (ie. next-generation sequencing techniques), which can in turn provide information for the formal models of cell proliferation.



INTERNATIONAL NETWORK

AUSTRALIA

- Griffith University • University of Queensland • Macquarie University • Royal Melbourne Institute of Technology

AUSTRIA

- Management Center Innsbruck

BAHRAIN

- Ahlia University

BELGIUM

- Haute École de la Province de Liège

BRAZIL

- Universidade Federal De Mato Grosso
- Universidade de Ribeirao Preto (UNAERP)

CANADA

- Algoma University • Université la Laurentienne • Université de Montréal

CHINA

- Technion Institute of Technology

DENMARK

- Aarhus • Røskilde University

ENGLAND

- Keele University • University of East London • University of Essex • University of Sussex

FINLAND

- Turku University of Applied Sciences
- Centria University of Applied Sciences

GERMANY

- Hochschule Rhein-Waal
- Osnabrück University

INDIA

- Amity University
- Chandigarh University
- Chitkara University
- Manipal University
- IIHMR Jaipur
- Lovely Professional University

INDONESIA

- Institut Teknologi Sepuluh Nopember

IRELAND

- Dublin City University
- Dundalk Institute of Technology
- Institute of Technology Carlow

ISRAEL

- Technion Institute of Technology

JAPAN

- Kansai University

LITHUANIA

- Vilnius Gediminas Technical University

MALAYSIA

- Monash University • University of Kuala Lumpur • Universiti Sains Malaysia • University Putra Malaysia

MEXICO

- Tecnológico de Monterrey
- Universidad Autonoma de Baja California



NETHERLANDS

- Radboud University Nijmegen
- Wageningen University

POLAND

- Adam Mickiewicz University
- Uniwersytet Rolniczy

PORTO RICO

- University of Puerto Rico, Mayaguez

PORTUGAL

- Universidade Católica Portuguesa

RUSSIA

- ITMO

SCOTLAND

- Edimburg Napier University
- University of Dundee
- University of Aberdeen



SINGAPORE

- Singapore Institute of Technology

SOUTH AFRICA

- Nelson Mandela Metropolitan University
- Stellenbosch University International

SOUTH KOREA

- Chungnam National University
- Inha University • Keimyung University
- Sejong University • Sungkyunkwan University • Korea University Sejong Campus

SPAIN

- Universitat Rovira Virgili
- Universidad San Pablo CEU

SRI LANKA

- American International Campus (AIC)

TAIWAN

- Feng Chia University • National Chiao Tung University • University of Taipei

TUNISIA

- Université Libre de Tunis
- Polytechnique-Sousse

TURKEY

- Koç University
- Sabanci University

UNITED STATES OF AMERICA

- Boston University • California State University Long Beach • California State University Monterey Bay • California State University San Marcos • University of California San Diego
- San Francisco State University

TESTIMONIES

CLASS OF 2024

Monica S.
International Student (Mexico)

“

My name is Monica Sierra. I am a Mexican student who came to France to study the entire program at Sup'Biotech. Coming here was not an easy choice and studying a degree in a different country could be quite challenging. However, there is no better thing than having no language barriers with the English program and getting along with people from many cultures. I have no doubt that studying here gives students very good professional skills since they have access to personalized attention.

On the other hand, I really like that this school offers the opportunity to meet international students. I have been only one year here, and I have met incredible people from all around the world. In addition to mastering the language, this beautiful capital gives you the chance to enrich your culture and have a good time.

”

CLASS OF 2020

Amandeep K.
International Student (India)

“

I am an Indian international student in Sup'Biotech. I started Sup'Biotech in Biotech 3. It's been two and half years since I am in France. Currently I am doing an internship in research & development field to complete my degree.

Through these years in Sup'Biotech, I learned a lot of things not only scientific education, but also moral and ethical values. This has helped me a lot to integrate in French culture. I feel lucky to have such wonderful and friendly classmates. It was my pleasure to explore Paris with them and asking them my silly doubts on French language. The school administration was always helpful and understanding. They helped to overcome French administrative paperwork and, they organized various cultural activities to meet new people and make us feel like home away from home. Here,








I met people from all over the globe! I feel so grateful to explore different cultures. This is the best opportunity that you can have by being a part of an international school.

”



EXCHANGE STUDENTS & DEGREE SEEKING STUDENTS

Admission Requirements: the international curriculum is open to international students through the entire Program.

LEVEL	Undergraduate			Graduate			
LANGUAGE OF INSTRUCTION	Biotech 1		Biotech 2		Biotech 3	Biotech 4	Biotech 5
	 or 	 or 					
LANGUAGE REQUIREMENT	IELTS > 6.0 or TOEFL > 70	B2 level	IELTS > 6.0 or TOEFL > 70	B2 level	IELTS > 6.0 or TOEFL > 70	IELTS > 6.5 or TOEFL > 80	IELTS > 6.5 or TOEFL > 80
DIPLOMA REQUIREMENT	High school diploma		High school diploma + 1 year in higher education in Biotechnology/Life Science field		High school diploma + 2 years in higher education in Biotechnology/Life Science field	Bachelor of Sciences or High School Diploma + 3 years in higher education in Biotechnology/Life Science field	Bachelor of Sciences + 1 year of Master's program

VISA REQUIREMENTS*

If you are staying for one semester:

You need a “Visa Long Séjour Temporaire” with the “étudiant” reference (VLS-T “étudiant”).

It is valid for 4 to 12 months but it cannot be extended. Make sure your visa is valid for at least 8 months (for the semester program, retake included).

If you are staying for more than one semester:

You need a “Visa Long Séjour valant Titre de Séjour” with the “étudiant” reference (VLS-TS “étudiant”).

It will allow you to apply for a residence permit: you will be able to apply for a student temporary residence card valid for 1 year, and after, a student multiyear residence card.



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www.supbiotech.fr/en



@supbiotechinternational

Founded in 1980 by Marc SELLAM, IONIS Education Group has today become the leading private-sector higher education group in France. The 26 schools and entities it comprises in 26 cities across France and abroad bring together almost 30 000 students in the fields of business, marketing, communication, management, finance, data-processing, computing, digital applications, aerospace, energy, transport, biotechnology, innovation and e-sports ... IONIS Education Group's mission is to craft New Intelligence for Enterprise, both today and in the future. The principle values instilled in the Group's future graduates are an outward-looking international perspective, a keen awareness of the import of innovation and an entrepreneurial mindset which embraces adapting to change. It is these values which will turn them into key actors in tomorrow's economy, joining ranks with our Alumni networks which already represent over 80 000 members.

www.ionis-group.com/en