

## Applicants & Scholarships

A Programme of Excellence in Learning and Research, Looking for Biochemists, Bioengineers, Biologists, Clinicians, Pharmacists and Veterinarians

LIVE is a two years Master of Science and multidisciplinary programme, open to well motivated students who are top-level Bachelor or equivalent degree (180 ECTS). Students are required having a **fluent level of English**, certified by a TOEFL score.

Within the LIVE Programme **Erasmus mundus scholarships & Scholarships from Partners** will be assigned by the LIVE Consortium to **EU or NON-EU applicants**. **Two periods of applications:**

**Winter period** for applicants of any nationality to apply for the Master LIVE and compete for scholarship: **MyLive** is the online system opened from Nov 21, 2023 to **Jan 21, 2024** (23:59 UTC+1) to start in Sept 2024.

**Spring period** for self-funded applicants of Schengen nationalities to apply for the Master LIVE: **MyLive** is the online system opened from April 15 to **May 31, 2024** (23:59 UTC+1) to start in Sept 2024.

LIVE recruits scientists, engineers, pharmD, Vet, MD, at M1 or M2 level according to their previous knowledge and financial means.

## Partner Universities

### ❖ 5 Organizing European Universities

- ✓ Universitat Autònoma de Barcelona, Spain
- ✓ Universitat de Barcelona, Spain
- ✓ Universiteit Antwerpen, Belgium
- ✓ Université Jean Monnet Saint-Etienne, France
- ✓ Université Claude Bernard Lyon 1, France

### 8 Associate Higher Education Institutions

- ✓ University of Florence, Italy
- ✓ Université Libre de Bruxelles, Belgium
- ✓ Ecole de Management Lyon & Les Mines StÉ, France
- ✓ University of Saskatchewan, Canada
- ✓ Dalhousie University, Canada
- ✓ University of São Paulo, Brazil
- ✓ Baylor College of Medicine, USA
- ✓ Faculty of Veterinary Medicine, Ukraine

## Diplomas & Job Opportunities

### ❖ Triple Degree awarded

- ✓ The **Máster Universitario Erasmus Mundus en Educación Internacional en Vacunas** from Barcelona universities.
- ✓ The **Master of Leading International Vaccinology Education** from Antwerp university.
- ✓ The **Master Biologie Moléculaire et Cellulaire, parcours "Leading International Vaccinology Education"** from Lyon & Saint-Etienne universities.
- ✓ English Erasmus+ "LIVE Master" **EU Diploma Supplement**

❖ **Job Opportunities: International Manager in Vaccinology** for quality control, commercial and business development, communication, public health, R&D, PhD training (65% of the graduates).

LIVE offers Students the opportunity to **compose a study programme in vaccinology** by combining elements from the complementary programmes already established at the participating universities.



Contact information

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live



International Vaccinology

This programme receives the support of the Erasmus+ Programme of the European Union

The best laboratories  
The world leader companies  
The world health experts in vaccines  
Joined together to LIVE  
The Erasmus Mundus Joint Master in


# International Vaccinology

website: <https://masterlive-vaccinology.eu/>



## LIVE Master Presentation and Partnership

❖ **Erasmus Mundus Joint Master LIVE Programme** is a unique European Master in Vaccinology dedicated to:

- ✓ Train the students from all countries to **different cultures**.
- ✓ Organize an **integrated formation with a strong scientific background** in Immunology, Infectiology, Vaccinology, but also **multilingualism** and **multidisciplinarity**: legislation, health policy and humanities around vaccinology.
- ✓ Integrate **know-how, know-what, know-why & know-who along the vaccinology chain**: fundamental and translational research, industrial development and production, usage and epidemiological follow-up in vaccine clinical centres and communication.
- ✓ Drive a very **efficient and opened joint training between the academic and the industrial world** to cover a defined list of jobs in agreement with the labour market.
- ✓ Manage **VaxInLive SYMPOSIA**  international meetings

- ❖ **The Worldwide Partnership** is already rich of:
- ✓ **13 Academic Universities** in Europe, Canada, USA and Brazil (see § Partner Universities)
  - ✓ **19 Clinical and Research Centres** in Europe, Brazil, Africa, and South Korea
  - ✓ **13 Health Foundations and Organizations**: IrsiCaixa, ISGlobal, Fondation Mérieux, i-REIVAC, LoValTech, BIOASTER, Lyon BIPOLE, EVI, Vaccine Formulation Institute, Ecuadorian Ministerio de salud pública, TBVI, IFAKARA Health Institute and WHO.
  - ✓ **23 industrial partners and vaccine manufacturers**: Active Biomarkers, Amal Therapeutics, Bavarian Nordic, BioMérieux, Boehringer Ingelheim Animal Health, Butantan Institute, CanSinoBIO, CRODA, GSK, HIPRA, Incepta Vaccine, Institut Mérieux, Intravacc, Janssen, Laboratorio Reig Jofre, Moderna, MSD vaccins, Sanofi Pasteur, SEPPIC, Speransa Therapeutics, Transgene, Tron, Vakzine Projekt Management, Valneva.

The vast majority of the world's vaccines are produced in Europe

Europe exports more than 80% of its production, 3.4 billion doses per year

## Student Looking for Mobility and Courses in ENGLISH ? Join us!

❖ **Mobility**: The LIVE Master Programme benefit from **industrial training support** and is organized at **leading European Universities**, in charge of awarding 120 credits (30 ECTS / semester) for 2 years in at least 3 places. Students move from Barcelona in **Spain (Semester 1)**, via Antwerp in **Belgium (S2)** then Lyon in **France (S3)**, to the Partner of the **world (S4)** they choose for their Master thesis (Worldwide Partnership).

❖ **Courses** include participation in the **Summer School on Vaccinology, transferable skills** such as scientific writing and presentation, time management, career workshop, digital skills, intercultural communication improving **two foreign languages**, & vaccine, society and green concerns to tailor vaccine future to the Anthropocene.

✓ **S1-S3**: Fundamental **scientific and multidisciplinary** aspects of Immunology, Immunopathology, Cancer Immunology, Infectiology, Epidemiology, Research and Clinical Vaccinology, Public Health, Advertising, bioinformatics data scientist, Project Management and Confidence in Vaccination. S1-S3 also include:

- **Focus on specialized topics** such as vaccine formulation and safety, newborn and aged immune systems, host-pathogen interactions, cancer, vaccine manufacturing and quality control process, animal course and clinical vaccine trials.
- **Methods and techniques of modern vaccinology** including statistics, “omics”, computer modelling approaches.

✓ **S4**: students have the opportunity to apply their knowledge worldwide with an **internship** supervised by our associated partners and to write and defend their **Master thesis**, a major achievement for graduation.

## Future Associate Partner? Join us!

❖ **Vaccines are an Important Cornerstone of the Public Health System**

**60% of the world's vaccine production sites are based in Europe**, employing over 20,000 people. The world faces constant infectious health threats: novel or mutated viruses, epidemiological outbreaks, or the unmet challenges to fight the most dangerous known pathogens. **Future vaccinology applications** target immunopathologies and cancers. It is thus time to **educate the next generation of vaccinologists**, in a multidisciplinary and integrated way in order to speed up the process from vaccine discovery.

❖ **Roles and Benefits for Associate Partners**

They actively participate **according to their skills and ability to fund** the training of their future highly competent colleagues. They can:

- ✓ interact with the **LIVE network** composed of #60 institutions, big Pharma and Biotech.
- ✓ take part in the **teaching** for specific topics or **MOOC**
- ✓ **fund** partial or full (kEUR 26/student/year) **scholarship**.
- ✓ as funders, become **member of the Academic and Management Board**, the decision-making body of LIVE
- ✓ organize their **site visit**, possibly with **training on site**
- ✓ assist in the **dissemination, promotion and evaluation** of LIVE
- ✓ provide internship (up to 6 months) subject and professional tutورشip to gain **highly quality trainees** at LIVE semester 4
- ✓ offer a **job or PhD position** to the graduated Master student they trust as their **future excellently trained colleague**
- ✓ participate in the **VaxInLive SYMPOSIA**.

