The Joint Master Degree programme in Vaccinology


The best laboratories
The world leader companies

The joint master degree programme in vaccinology is a two year 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, three types of Scholarships will be available:
- Erasmus+ Scholarships for NON-European applicants
- Erasmus+ Scholarships for European applicants
- Industrial Scholarships will be assigned by LIVE Consortium to EU or NON-EU applicants whose background and interest match closely with the priorities of the Partner Industries.

Application must be submitted through the website from October 1st to January 15th.

Applicants & Scholarships

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

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Partner Universities

- 5 Organizing European Universities
  - Université Claude Bernard Lyon 1, France
  - Universitat Autònoma de Barcelona, Spain
  - Universitat de Barcelona, Spain
  - University of Antwerp, Belgium
  - Université Jean Monnet Saint-Etienne, France

have joined forces with:

- 7 Associate Higher Education Institutions
  - Ecole Normale Supérieure de Lyon, France
  - University of Florence, Italy
  - University Libre de Bruxelles, Belgium
  - University of Arkansas Medical School, USA
  - University of British Columbia, Canada
  - Fudan University Shanghai Medical College, China
  - University of São Paulo, Brazil

- LIVE Offers Students the Opportunity to
  - compose a study programme in vaccinology by combining elements from the complementary programmes that are already established at the participating universities
  - be awarded with triple degree Master diploma.

Diplomas & Job Opportunities

- Triple Degree awarded from Leading Universities
  - Master in Advanced Immunology from Barcelona universities.
  - Master in Infectious & Tropical Diseases from Antwerp univ.
  - Master in Genetics & Cell Biology – Fundamental Infectiology from Lyon-Saint-Etienne universities.
  - Original Erasmus+ “LIVE Master” Supplement Diploma

- Job Opportunities: International Manager in Vaccinology
  for quality control, commercial and business development, communication, public health, R & D, PhD training funded by Partners.

Contact information

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Dead line for student application: 2016, 31st January

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International Vaccinology

The world leader companies

Joined together to LIVE

The Joint Master Degree programme in Vaccinology

Erasmus+ LIVE JMID Programme

- **Erasmus+ LIVE JMID 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.
  - Annually organize the VaxInEu SYMPOSIA international meetings

**The Worldwide Partnership**

- **12 Academic Universities** in Brazil, China, Europe and USA (see § Partner Universities)
- **15 Clinical and Research Centres** in Brazil, Burkina Faso, Cameroon, Europe, Mali, Senegal and South Korea
- **11 Health and Research Organizations**: WHO, Vaccines Europe, Fondation Mérieux, Institut Mérieux, REIVAC, CoReVac, BIOASTER, Lyon BIOPOLE, Vaccine Formulation Services, NESI, EVI, HSeT, Immunovallay
- **13 industrial partners and vaccine manufacturers**: Butantan Institute, GSK Vaccines, Merial, Pfizer, Platine, Sanofi Pasteur, Stallergenes, Transgene, Valneva, Virbac, Takeda, Amal Therapeutics, MSD, Vakzine Projekt Management
- **3 experienced Belgian, Swiss and French digital learning platforms**: ClaroLine, HSeT Foundation and Spiral Connect.

**LIVE Master Presentation and Partnership**

- **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 teaching of general skills such as scientific writing and presentation, time management, vaccine and society, careers, digital skills and intercultural communication with improvement in two foreign languages and participation to the Summer School on Vaccinology.
  - S1-S2: Fundamental scientific and multidisciplinary aspects of Immunology, Immunopathology, Cancer Immunology, Infectiology, Epidemiology, Research and Clinical Vaccinology, Public Health, Advertising, Project Management and Confidence in Vaccination. S1-S3 also include:
    - Focus on specialized topics such as vaccine formulation and safety, aged and newborn 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.

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

- **Vaccines are an Important Cornerstone of the Public Health System.**
  - More than 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 some of the most dangerous known pathogens. **Future vaccinology applications** will target immunopathologies and cancers. It is thus timely to **educate the next generation of vaccinologists**, trained in a multidisciplinary and integrated way in order to speed up the process from vaccine discovery to its positive impact on world human health.
- **Roles and Benefits for Associate Partner**
  - 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 #50 institutions, big Pharma and Biotech that have so far joined our LIVE Master initiative to support this project
    - Take part in the **teaching** for specific topics or **MOOC building**
    - **Fund** total or part of scholarship: 50k€/student /2 years
    - As funders, become member of the **Academic and Management Board**, the decision-making body of LIVE
    - **Organize** their site visit, possibly with formation on site
    - **Assist** in the dissemination, promotion and evaluation of LIVE
    - Provide internship (up to 6 months) subject and professional tutelage to gain **highly qualified trainees** at LIVE semester 4
    - Offer a **job or PhD position** to the selected graduated Master student they trust as their **future excellently trained colleague** participate in the VaxInEu SYMPOSIA international meetings.

**Future Associate Partner? Join us!**

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**Infections Cancers Immunopathologies Public Health Policy Immunology Infectiology Vaccinology Epidemiology Project Management Public Health Education**

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About 90% of the world’s vaccines are produced in Europe.

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