

LIVE
Leading International Vaccinology Education

VaxInLive 2018

January 9th - 11th LYON

VaxInLIVE SYMPOSIA
Leading International Vaccinology Education

Erasmus+ | Universitat de Barcelona | UAB Universitat Autònoma de Barcelona | Universiteit Antwerpen | Université Jean Monnet Saint-Étienne | Université de Lyon | Université Claude Bernard Lyon 1 | Université de Lyon



LYON:

Lyon is the third largest city of France. It is located in the country's east-central part at the confluence of the rivers Rhône and Saône. The Inhabitants of this city are called *Lyonnais*. Founded by the Romans, with many preserved historical areas, Lyon is the archetype of the heritage city. Famous for its cuisines and gastronomy, it also has some well-known historical and architectural landmarks, which have been designated as a UNESCO World Heritage Site. In addition to this, Lyon has enjoyed a historically important position in the production and weaving of silk. It played a significant role in the history of cinema: it was in Lyon where Auguste and Louis Lumière invented the cinematography. It has a list of striking, dynamic and culturally rich recreations to offer. Museums, shopping destinations, theatre, opera, monuments, cinemas, parks make a fraction of it. Furthermore, over 21,000 cultural and artistic events take place throughout the year, which includes the famous Festival of Lights and many more. The world's first funicular railway was built between Lyon and La Croix-Rousse in 1862.



Lyon is regarded as the epitome of the economic dynamism as well as the advancement in research and development with five international competitive clusters like Lyonbiopôle (vaccines and diagnostics), Axelera (chemicals and the environment), LUTB Transport & mobility systems (urban transport systems), Techtera (technical textiles) and Imaginove (Content and digital usage) being located in Lyon. It hosts the international headquarters of Interpol, Euronews, and the International Agency for Research on Cancer. In 2011, it was ranked 8th in global ranking and 2nd in France for innovation. The city is second richest city in France and 14th favorite city in the European Union concerning the creations of companies and investments.

For further information you can visit the website: http://www.en.lyon-france.com/

VaxInLive Symposia

VaxInLive Symposia serve as a dynamic discussion platform providing an opportunity to passionate researchers from all around the globe to get engaged in scientific discourse. VaxInLive is a continuation series of VaxInEU symposium series (2013, 2014 & 2015), which was conducted in the context of the preparation for the LIVE (Leading International Vaccinology Education) Master Erasmus + Joint Master Degree. The 1st

promotion of LIVE started in September 2016. For its 4th Edition, the VaxInEu become the VaxInLive Symposia, with the participation of the 1st promotion of the Master LIVE Students.

As a living story of VaxInEU symposia, VaxInLive 2018 symposium is an initiative to build a collaborative discussion platform for Vaccinologists across the globe to induce exciting exchanges of knowledge about vaccines and their development. Similar to the one of the objective of Master LIVE, which focuses on the idea of breaking boundaries by recruiting students from all over the world with different nationalities. VaxInLive symposium is an amalgamation of the efforts towards breaking the barriers and putting forth the scientific expertise to engage researchers from different corners of the world.

VaxInLive organizing committee is a group of enthusiastic and passionate scientists who are motivated to expand knowledge by bringing worldwide expertise on one platform. They strongly believe in breaking the barriers.

VaxInLive 2018 organizing committee; Oliver Pérez Howell, João Pereira Bonifácio Lopes, Deeva Uthayakumar, Dur-e-Nayab Waheed, Laura Ilogu, Olga Lugovska & Sergio Linares Fernández from the EMJMD LIVE promotion Edward Jenner 2016-2018; Claire Douet, assistant manager; Dr Thomas Stratmann (UB), Pr Paz Martinez (UAB), Pr Peter Delputte (UAntwerpen), Pr Stéphane Paul (UJM), Local Coordinators & Pr Christine Delprat (UCBL), EMJMD LIVE coordinator.

For further information you can visit the website: http://vaxinlive.univ-lyon1.fr

Master LIVE

LIVE (Leading International Vaccinology Education) is a two-year dynamic and multidisciplinary Joint Master Degree co-organized by five European universities bringing forward their technical and diverse teaching expertise together and awarding a distinctive Master degree of excellent quality: Université Claude Bernard Lyon 1 (Coordinator, FR), Université de Saint-Etienne (FR), Universitat Autónoma de Barcelona (SP), Universitat de Barcelona (SP) and Universiteit Antwerpen (BE). The programme welcomes experts in the field of Vaccinology to gather and train the future generation of Vaccinologists. Academic internationality is enriched by a worldwide network of 13 academic universities from Brazil, China, Europe and USA and a worldwide network of Associated Partners from the whole working chain in vaccinology. Maximum 25 LIVE Students are recruited each year among #600

registered applicants from 80 nationalities. During their studies, their mobility involves three different countries helping them to expand their vision and passion. It provides an ideal opportunity for them to improve foreign languages, English being the language of instruction of the LIVE Master. LIVE programme provides students with an advanced understanding of Immunology, Infectiology, Vaccinology, but also legislation, health policy and humanities around Vaccinology to prepare students for a professional international career and/or continuation with PhD studies. This degree opens a wide array of career opportunities where the graduates can choose a career in big pharma, vaccine manufacturers or in small and medium enterprises specialized in R&D of vaccines or in public organizations dealing with public health policy / clinic / research on vaccines. Graduates are also well prepared for doctorate research in Ph.D. programs.

The Master **LIVE** is co-funded by:

- The Universitat de Barcelona, Universitat Autónoma de Barcelona, Universiteit Antwerpen, Université Jean Monnet de Saint Etienne and Université Claude Bernard Lyon 1 (Coordinator),
- the European commission (EACEA-2015-2323 project)
- Sanofi Pasteur (2016-2017 agreements)
- Institut Mérieux (2016-2017 agreements)
- Fondation Mérieux (2016 agreement)
- IDEXLYON of the Université de Lyon within the framework of the "Investissements d'Avenir" (ANR-16-IDEX-0005 Project).

For further information you can visit the website and its blog at http://live.univ-lyon1.fr

Conference Venue

Grand Amphithéâtre de l'Université de Lyon, 90 rue Pasteur
69007 LYON - FRANCE

CONFERENCE PROGRAM

CLOSED SESSION FOR ACADEMIC ISSUES January 9th, 2018
with present and future Partners of the Master LIVE project 2018
Domaine de La Buire, Faculty of Medicine Lyon Est-Laënnec, 16 rue Guillaume Paradin, 69008 LYON (Room LF108)

Schedule

13:00 – 14:00 *Arrival and Registration*
14:00 – 15:30 *Frame of the EMJMD call, Master EMJMD LIVE and next evolution*
15:30 – 16:00 *Coffee Break*
16:00 – 19:00 *Presentations from the participants and general discussion. The program is built according to the registered participants.*
19:30 Partners - shared Dinner

Closed session introduction

The **Master "Leading International Vaccinology Education" (LIVE)**, coordinated by the Université Claude Bernard Lyon 1 was granted with the international EMJMD label in 2015. The 5 European universities (Universitat de Barcelona, Universitat Autónoma de Barcelona, Universiteit Antwerpen, Université Jean Monnet Saint-Etienne, Université Claude Bernard Lyon 1) delivering credits in the Master LIVE welcome present and future partners, **present their running academic program** (website http://live.univ-lyon1.fr) **and outputs** to openly discuss its evolution with them to finalize the project for the next four promotions 2019 to 2022.

Aims of the closed session

- to present the **next 2018 international call "Erasmus+ Mundus Joint Master Degrees" (EMJMD)** funded by the European commission considering the **academic points of views**
- to **develop fruitful interactions** to **answer this** call whose deadline is Feb 15, 2018
- to discuss how to **implement** skills, concerns and innovative digital learning of **Higher Education Institutions** in shared future **international academic development**.

Who can participate in the closed session and why?

- the **present and future partners** of the Master LIVE
- **to take part in building the next generation of international vaccinologists**, possibly participating from their selection to their graduation and their "Life after LIVE": international path, international teaching teams & academic program, learning outcomes, international real projects: VaxInLive Symposia, MOOC and e-learning development, research instructive workshop, international PhD network… and financial issues are discussed.

How to participate in the closed session?

To register, please download the registration form on the website at http://vaxinlive.univ-lyon1.fr and **tick the related box to register and/or to share a short 15-min talk** to present your field of actions and/or your institution. Slideshows will be distributed to the Partners after the meeting.

GENERAL OPEN DAY CONFERENCE PROGRAM January 10th, 2018

Grand Amphithéâtre de l'Université de Lyon, 90 rue Pasteur, 69007 LYON - FRANCE

Website to register: http://vaxinlive.univ-lyon1.fr

Best wishes for 2018!

08.45 – 09.00 Welcome

Frédéric Fleury, President of the Université Claude Bernard Lyon 1 (UCBL) and Vice-President of the University of Lyon (UdL), in charge of the Academic Strategy, Lyon, France.

Christine Delprat, Erasmus+ Mundus JMD LIVE Coordinator, Professor of Immunology, UCBL, Lyon, France.

Session 1: Ongoing R&D in The Vaccinology Field

Chairwoman: Yvette van Kooyk

09.00 – 09.30 Christelle Faveeuw, Inserm Senior Researcher, Institut Pasteur de Lille, CNRS, Lille, France.

Enhancement of adjuvant functions of Natural Killer T cells for anticancer immune therapy

09.30 – 10.00 Yvette van Kooyk, Professor in Molecular Cell Biology, Head of Department of Molecular Cell Biology and Immunology, VU University Medical Center, Amsterdam, The Netherlands

DC targeted vaccines for cancer immunotherapy

10.00 – 10.30 Tobias Kollmann, Professor of Infectious and Immunological Diseases, University of British Columbia, Vancouver, Canada.

Small Sample - Big Data: System Vaccinology applied to early life

10.30 – 11.00: Coffee Break

Session 2: Respective Roles of Drugs, Vaccines & Host-Directed Therapy

Chairman: Stefan H. Kaufmann

11.00 – 11.30 Maria Elena Bottazzi, Professor of Biology, Associate Dean of the Baylor College of Medicine National School of Tropical Medicine, Houston, Texas, USA

The Road from Basic Biology to a Vaccine against drug-resistant parasite

11.30 – 12.00 Jean-Daniel Lelièvre, Professor of Infectiology, Henri Mondor Hospital, Institut Mondor de Recherche Biomédicale, Créteil, France

Therapeutic vaccines and immunological interventions in HIV infection: a paradigm change

12.00 – 13.00 Stefan H. Kaufmann, Professor of Microbiology and Immunology, Charité University Hospital Berlin, Director of the Max Planck Institute for Infection Biology, Berlin, Germany.

Keynote Lecture: *How to tackle the most successful pathogen on earth: Role of biomarkers, host-directed therapy and vaccines*

13.00 – 14.30: Lunch Break

Session 3: Novel Vaccine Platforms & Technologies

Chairwoman: Ana Lucia Nascimento

14.30 – 15.00 Ana Lucia Nascimento, Senior Researcher, The Butantan Institute, São Paulo, Brazil

Functional genomics for the identification of targets involved in Leptospira-host interactions

15.00 – 15.30 Jean François Mayol, Head of R&D in vitro, Amal Therapeutics, Genève, Switzerland

Cell penetrating peptides and TLR peptide agonist: the Swiss army knife of cancer vaccines

15.30 – 16.00 Simon Graham, Group Leader, The Pirbright Institute, Senior Lecturer within the School of Veterinary Medicine at the University of Surrey, England, UK.

Design and evaluation of biomimetic particulate formulations of viral antigens as veterinary vaccines

16.00 – 16.30: Coffee Break

Session 4: Current Challenges in Vaccination

Chairman: Alain Fischer

16.30 – 17.00: Kate Seib, Research Leader, Institute for Glycomics, Griffith University, Queensland, Australia.

Vaccine development for the highly variable pathogenic Neisseria

17.00 – 17.30: Angus Thomson, Head of Vaccine Confidence and Coverage, Global Public Affairs at Sanofi Pasteur, Marcy L'Etoile, Lyon, France

Sustaining trust in vaccination in a "post-fact" world

17.30 – 18.30: Alain Fischer, Professor of Pediatric Immunology, Head of Department, Pediatric Immunology and Hematology Unit, Necker-Enfants malades Hospital, Collège de France, Paris, France.

Keynote Lecture: *A public health policy for vaccination: persuasion or coercion*

General open day conclusion

Oliver Perez Howell, João Pereira Bonifácio Lopez, Deeva Uthayakumar, Nayab Waheed, Laura Ilogu, Olga Lugovska & Sergio Linares Fernandez, the junior VaxInLive 2018 organizing managers, from the promotion Edward Jenner EMJMD LIVE 2016-18, UCBL, Lyon, France.

CLOSED SESSION FOR NON-ACADEMIC PARTNERSHIP ISSUES January 11th, 2018
with present and future Partners of the Master LIVE project 2018
Domaine de La Buire, Faculty of Medicine Lyon Est-Laënnec, 69008 LYON
(Salle du conseil)

Schedule

09:00 – 10:30 *General presentation of the Master LIVE and evolution for the 2018 EMJMD LIVE project*
10:30 – 11:00 *Coffee Break*
11:00 – 13:00 *Presentations from the participants and general discussion. The program is built according to the registered participants.*

EMJMD project conclusion

Closed session introduction

The **Master "Leading International Vaccinology Education" (LIVE)**, coordinated by the Université Claude Bernard Lyon 1 was granted with the international EMJMD label in 2015. The 5 European universities (Universitat de Barcelona, Universitat Autónoma de Barcelona, Universiteit Antwerpen, Université Jean Monnet Saint-Etienne, Université Claude Bernard Lyon 1) delivering credits in the Master LIVE welcome present and future partners, **present their running partnership** (website http://live.univ-lyon1.fr) **and outputs** to openly discuss its evolution with them to finalize the project for the next four promotions 2019 to 2022.

Aims of the closed session

- to present **the next 2018 international call "Erasmus+ Mundus Joint Master Degrees" (EMJMD)** funded by the European commission considering the **partnership points of views**
- to **develop fruitful interactions** to **answer this call** whose deadline is Feb 15, 2018
- to discuss how to **implement** skills and concerns of partners from **clinical and research centres, health organizations and foundations, private or private/public organizations, small and medium size enterprises and big pharma, sharing their needs** for their **future international development related to vaccines**.

Who can participate in the closed session and why?

- the **present and future partners** of the Master LIVE
- **to take part in building the next generation of international vaccinologists**, possibly participating from their selection to their graduation and their "Life after LIVE": promotion and governance of the program, knowledge transfer from research, public health or industrial world to academic world, Master internship opportunity, Master

student scholarship, management funding support, PhD and employment opportunities, international real projects: VaxInLive Symposia, MOOC and e-learning development, research instructive workshop, international PhD network… are discussed.

How to participate in the closed session?

To register, please download the registration form on the website at http://vaxinlive.univ-lyon1.fr and **tick the related box to register and/or to share a short 15-min talk** to present your field of actions and/or your institution. Slideshows will be distributed to the Partners after the meeting.

We thank IDEXLYON of the Université de Lyon
for the co-financial support provided for the VaxInLive 2018 Symposium, within the framework of the "Investissements d'Avenir" (ANR-16-IDEX-0005 Project).



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