

LIVE
Leading International Vaccinology Education

VaxInLive 2019

Feb 27th - March 1st ANTWERP

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



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 & 2018), which was conducted in the context of the LIVE (Leading International Vaccinology Education) Master Erasmus+ Joint Master Degree. The 1st promotion of LIVE started in September 2016.

As a living story of VaxInEU symposia, VaxInLive 2019 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 objectives 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 2019 local organizing committee;

Prof. Peter Delputte, Chair (University of Antwerp), Prof. Pierre Van Damme, co-chair (University of Antwerp), Dr. Annelies Leemans (University of Antwerp), drs. Winke Van der Gucht (University of Antwerp), drs. Matthias Govaerts (University of Antwerp), drs. Kim Stobbelaar (University of Antwerp)

VaxInLive 2019 International committee

Prof. Christine Delprat (UCBL), LIVE master coordinator, Alice Viollet, assistant manager LIVE master; Prof. Thomas Stratmann (UB), Prof. Paz Martinez (UAB), Prof. Dolores Jaraquemada Pérez de Guzmán (UAB), Prof. Stéphane Paul (UJM), Local Coordinators LIVE Master.

For further information you can visit the website: www.vaccinology.eu



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.

For further information on the Master in Vaccinology, you can visit the website and blog at http://live.univ-lyon1.fr

EACEA Education, Audiovisual & Culture Executive Agency
Co-funded by the Erasmus+ Programme of the European Union
SANOFI PASTEUR
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VENUE

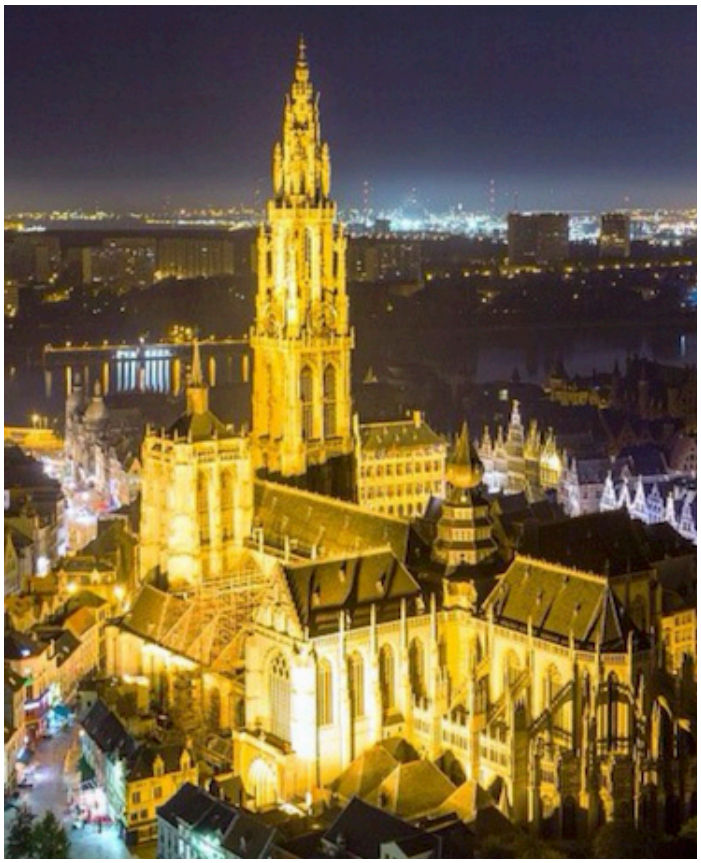
Antwerp

Surprisingly different



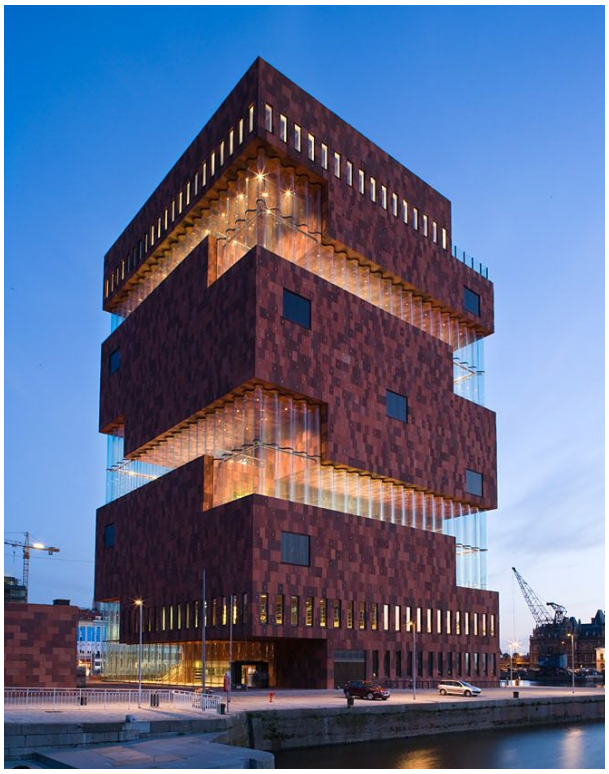
Antwerp has a lot of surprising highlights, such as The Antwerp Zoo is one of Europe's oldest and most attractive city zoos. And a beach: St Anneke, on the Left Bank. Not only the beach is pretty unique for a city inland, the city also boasts a deep-sea port 80 km inland. The eyecatcher of the port is the **Antwerp Port House** – with its eye-catching and extremely modern glass superstructure that was designed by Zaha Hadid Architects. The perception of a cut-glass mass to give the new building a sparkling appearance refers to Antwerp, the diamond city. As you can see, Antwerp does everything that little bit differently.

Enjoy the heights



In the Antwerp skyline, the **Cathedral of Our Lady** takes pride of place: it is the highest church spire in the Low Lands. The belfry of the cathedral is included in the Belfries of Belgium and France entry in the list of UNESCO World Heritage Sites. Quite a feat for a building with just one finished spire. In 1352, construction was begun on the Our Lady's church which would become the largest Gothic church in Belgium. In the beginning, it was to be provided with two towers of equal height. In 1521, after nearly 170 years, the new church of Our Lady was ready. The south tower reached only as far as the third string course. In 1533, the new church was almost destroyed by fire. The completion of the second tower was therefore delayed, which led to its ultimate postponement.

Culture and gastronomy revisited



A little further up, **MAS ('Museum aan de Stroom')** stands out: in this **Museum at the River**, the most beautiful work of art may well be the view. From the 60-metre high roof top, you can admire the whole city. Beside the MAS, Antwerp offers many other special museums. In addition to their top collections, they all have that something extra: the Middelheim Museum is a park full of sculptures, in The Rubens House, you walk through a famous artist's house and Plantin-Moretus was the world's first museum to feature on the World Heritage List.

And then there are the museum-grade buildings, where you can either shop or eat – as you do – like in the Neoclassical Stadsfeestzaal that accommodates a shopping centre and the Palace in Meir (once Napoleon's).

Cradle of diamond and fashion

You will find more diamonds in the Diamond Square Mile – where international diamond hallmarks originate – than in the rest of the world. Antwerp sets the tone where fashion is concerned, too: couture is not just in the boutiques, but also on the streets, at the museum (MoMu) and at the college. The fashion department of the Royal Academy is one of the world's most influential. Even today, great talents graduate from there, invariably starting their labels in the city.

XL range at an XS distance



Locals proudly refer to their city as cosmopolitan with a village atmosphere: you can find everything here, but always within walking, or at least cycling, distance (for which the Antwerp city bikes are available). The city itself is also easy to reach. If you want a piece of advice: come by train. The **majestic Antwerp Central railway station** has won many beauty prizes … something that may dull the pain to some extent when the time comes to leave the city.

For further information you can visit the website: www.visitantwerpen.be/en

CONFERENCE PROGRAM

Wednesday February 27th 2019

CLOSED SESSION - Management of the LIVE Master in Vaccinology with the main partners of the project

Location: Antwerp University Campus CDE ('Campus Drie Eiken'), Universiteitsplein 1, Antwerpen (**building S, room S.037**)

- **13.00 – 14.30 welcome and lunch**
- **14.30 – 16.30 Steering Committee with the 5 main partners of the Master in Vaccinology LIVE+**
- **16.30 – 17.00 Coffee break**
- **17.00 – 18.00 meeting with the current generation LIVE students at the University of Antwerp.**
- **20.00 LIVE main partners shared dinner**

Thursday February 28th 2019

GENERAL OPEN DAY – INTERNATIONAL SYMPOSIUM

Location: Campus Drie Eiken, Universiteitsplein 1, Antwerpen (building O, Auditorium O.5)

- **08.00 – 08.30 Registration & coffee**
- **08.30 – 08.45 Welcome**

Session 1 - Chair: Peter Delputte, Professor University of Antwerp

- **08.45 – 09.15 Bernd Eisele M.D.,** CEO Vakzine Projekt Management GmbH (VPM), Hannover, Germany.
  What is needed to translate a brilliant vaccine candidate from bench into a life-saving product
- **09.15 – 09.45 Xavier Saelens,** Professor and Principal Investigator, VIB-UGent Center for Medical Biotechnology, Ghent, Belgium.
  Influenza neuraminidase: an underestimated protective vaccine antigen
- **09.45 – 10.15 Gemma Moncunill,** co-PI, ISGlobal Malaria Immunology group, Barcelona, Spain *Transcriptional signatures of protection upon malaria sporozoite and RTS,S/AS01E immunizations*
- **10.15 – 10.45 Karin Loré,** Professor, Group leader, Division of Immunology and Allergy, Dept of Medicine, Karolinska Institutet, Stockholm, Sweden.
  Understanding Innate Immune Mechanisms Dictating Vaccine Responses

10.45 – 11.15 Coffee Break

Session 2 - Chair: Christine Delprat, Professor University of Lyon

- **11.15 – 11.35 Benson Ogunjimi,** Assistant Professor, Vaccine and Infectious Disease Institute, University of Antwerp, Antwerp, Belgium.
  Immunosequencing in vaccinology
- **11.35 – 11.55 Nele Berthels,** Clinical Assessor, Department DG PRE authorisation / Assessors Division / Clinical Entity, Agency for Medicines and Health Products (FAMHP), Brussels, Belgium.
  Guidance from the European Medicines Agency on the development of RSV vaccines for marketing authorization in Europe
- **11.55 – 12.15 Cyril Barbezange,** Senior virologist Belgium National Influenza Centre and Viral Diseases Service, Sciensano, Brussels, Belgium.
  Deep sequencing of influenza A virus genome uncovers seasonal differences in the quasispecies composition
- **12.15 – 12.35 Kai Dallmeier,** Research Expert Virology, Laboratory of Virology and Chemotherapy (Rega Institute), KULeuven, Leuven, Belgium.
  PLLAV - Plasmid-launched live-attenuated vaccines against yellow fever and beyond

12.35 – 13.30 Lunch Break

Session 3 - Chair: Thomas Stratmann, Professor University of Barcelona

- **13.30 – 14.00 Paul Duprex,** Director of the Center for Vaccine Research, University of Pittsburgh, Pittsburgh, Pennsylvania, US.
  Understanding measles pathogenesis informs measles vaccine delivery
- **14.00 – 14.30 Nancy Dezutter,** Lead Vaccine Development Leader Older Adult Immunization at GSK Vaccine.
  Vaccination strategies to address the unmet medical need in Older Adults caused by some respiratory viruses
- **14.30 – 15.00 Pierre Van Damme,** Professor and former head of Vaccine & Infectious Disease Institute, University of Antwerp, Antwerp, Belgium.
  Quarantine vaccine study to assess safety, immunogenicity and shedding of novel polio vaccines
- **15.00 – 15.30 Feng He,** group leader, Group of Immune Systems Biology, Department of Infection and Immunity, the Luxembourg Institute of Health (LIH), Esch-sur-Alzette, Luxembourg.
  Big data-driven predictive biomarkers for allergen immunotherapy

15.30 – 16.00 Coffee Break

Session 4 - Chair: Dolores Jaraquemada, Professor Autonomous University of Barcelona

- **16.00 – 16.30 Arnaud Marchant** (Professor, Institute for Medical Immunology, Université libre de Bruxelles, Belgium) & **Elke Leuridan** (Professor, Vaxinfectio, University of Antwerp, Belgium)
  Maternal immunisation: from bench to bedside and back
- **16.30 – 17.00 Alvaro Acosta-Serrano,** Senior Lecturer in Parasite and Vector Biology, Vector Biology Department, Liverpool School of Tropical Medicine, Liverpool, UK
  New approaches to identify vaccine candidates against tsetse-transmitted trypanosomiasis
- **17.00 – 17.30 Margarita Del Val**, Viral Immunology Unit, Universidad Autonoma de Madrid (UAM) & Spanish National Research Council (CSIC), Madrid, Spain.
  Immunity to respiratory infections and viral antigen presentation: RSV and influenza virus
- **17.30 – 18.00 Stéphane Paul,** Professor Immunology & Vaccinology (PU-PH), Head of clinical Immunology lab and co-Director of CIC1466 Clinical Center in Vaccinology Saint-Etienne, France
  Use of IgA as mucosal vaccine delivery system

Friday March 1st 2019

CLOSED SESSION - Management of the LIVE Master in Vaccinology and Academic issues

Location: Antwerp University Campus CDE ('Campus Drie Eiken'), Universiteitsplein 1, Antwerpen (**building S, room S.037**)

- **08.30 – 09.00 welcome and coffee**
- **09.00 – 10.30 Closed session with current and future partners of the LIVE+ master**
- **10.30 – 11.00 Coffee break**
- **11.00 – 13.00 Closed session with current and future partners of the LIVE+ master**
- **13.00 – 14.00 Lunch and end of the session**

The Master "Leading International Vaccinology Education" (LIVE), was granted with the international EMJMD label in 2015 and this grant was renewed in 2018 for the LIVE+ programme until 2023. 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 the present and future partners and will present their running academic program (website http://live.univ-lyon1.fr).

Present and future partners are invited to present their field of actions and/or institution and discuss on how to take part in building the next generation of international Vaccinologists in the LIVE+ master, 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... are discussed.

How to participate in the closed session?

Please send an email to vaccinology@uantwerpen.be and let us know if you are interested to attend and if you want to present your field of action/institution (10 – 15 min presentations). Slideshows will be distributed to the Partners after the meeting

University of Antwerp

VaxInLive 2019
February 27 – March 1, 2019
Antwerpen - Belgium

www.vaccinology.eu

VaxInLive 2019 Symposium: The 2019 symposium is realized thanks to the financial support of the (i) IDEXLYON Project of the University of Lyon within the framework of the Investissements d'Avenir (ANR-16-IDEX-0005) and the (ii) Erasmus+ Mundus JMD LIVE project funded by the European commission (EACEA-2015-2323).

Master LIVE: The Master LIVE is co-funded by (i) the five main partner universities: Universitat de Barcelona, Universitat Autónoma de Barcelona, Universiteit Antwerpen, Université Jean Monnet Saint-Etienne and Université Claude Bernard Lyon 1 (Coordinator), (ii) the European commission (EACEA-2015-2323 project), (iii) Sanofi Pasteur LIVE (2016-2017 agreements), (iv) Institut Mérieux (2016-2017 agreements), (v) Fondation Mérieux (2016 agreement) and (vi) IDEXLYON of the University of Lyon within the framework of the Investissements d'Avenir (ANR-16-IDEX-0005 Project).