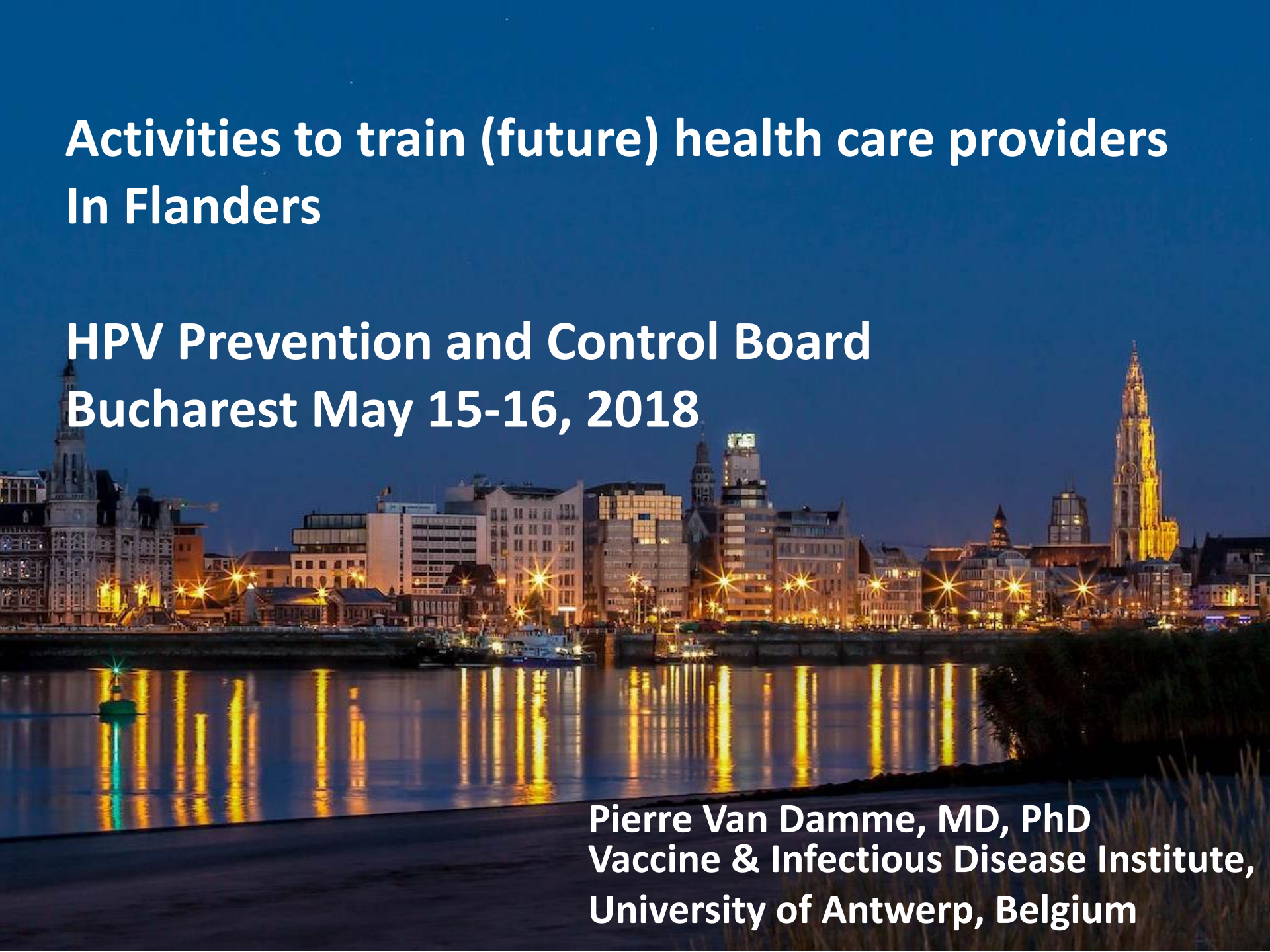


Activities to train (future) health care providers In Flanders

HPV Prevention and Control Board Bucharest May 15-16, 2018

A nighttime photograph of the Antwerp skyline, Belgium, reflected in the water. The city lights are bright, and the reflection is clear. The sky is dark blue. The water is calm, and the reflection is sharp. The city is lit up with warm yellow lights, and the reflection is a mix of yellow and blue. The sky is a deep blue, and the water is a dark blue. The reflection is a mix of yellow and blue. The city is lit up with warm yellow lights, and the reflection is a mix of yellow and blue. The sky is a deep blue, and the water is a dark blue. The reflection is a mix of yellow and blue.

Pierre Van Damme, MD, PhD
Vaccine & Infectious Disease Institute,
University of Antwerp, Belgium

Content

- **Flanders**
 - **Initiatives for students**
 - **Initiatives for HCP**
- **EU**
 - Co-organization of EU LIVE master in vaccinology
 - Co-organization of IDEAL infectious disease and vaccination week
 - Participation in the postgraduate on vaccinology, Florence University (P. Bonanni)
 - Participation in the master in vaccinology, Siena University
- **WHO EURO**
 - Training of HCP in Bosnia & Herzegovina
 - Development of game for 10-12 year old pupils

Initiatives for the students

- Antwerp University
 - Faculty of medicine and health sciences (> 15 years)
 - Bachelor 1: applied training on use of syringe and needle
 - Small group learning (15 students per group)
 - **Bachelor 2:**
 - ½ day introduction on vaccinology
 - How do vaccines work
 - Why important
 - What can be achieved
 - ½ day practical training = skills training
 - How to administer a vaccine

Initiatives for the students





Initiatives for students

- **Bachelor 3:**
 - 1 week module on vaccinology – interactive teaching and group work
 - Review of each vaccine-preventable infectious disease
 - Review of each vaccine
 - Discuss safety and reporting, interpretation of safety and AE
 - Schedules
 - Immunization programs in Belgium and Europe
 - Targets of WHO EURO and HQ
 - Catch up immunization based on cases

New medical curriculum: switch from 7 year to 6 year curriculum

- Year 7: first year of GP training
 - Full day for update on vaccinology based on cases

Initiatives for students

- University of Antwerp
 - **Faculty of Pharmacy:** bachelor 3
 - Package of 12 hours on vaccinology
 - **Summer course on vaccinology for students (see later)**
- EU-LIVE master on vaccinology
 - 24 month educational program in 4 EU countries, including 6 months in Belgium for vaccinology

Joint Master Degree Programme in **International Vaccinology**



The best laboratories, the world leader companies and the world health experts in vaccines to study in a fast moving environment...



QUALITY PROJECT

Initiatives for students

- EU-IDEAL course (2017-2020)
- Teaching week on infectious diseases and vaccines in Rome, Paris (Descartes), Antwerp, and Edinburgh + summer course in August on ID and vaccines in Paris



Antwerp Summer University



www.uantwerp.be/asu

 Universiteit
Antwerpen

Anniversary
10th
Edition

Summer School on Vaccinology for students

2-9 July 2018

@ University of Antwerp, Belgium
Part of Antwerp Summer University (ASU)

EMSA
ANTWERP



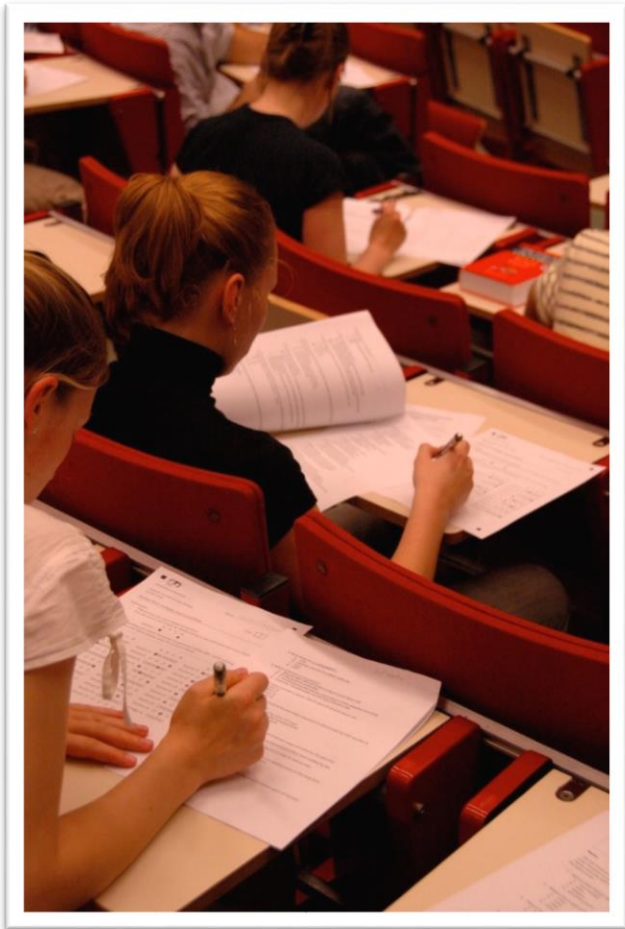
World Health
Organization

www.uantwerp.be/asu



Universiteit
Antwerpen

History



In an average medical curriculum:

How much time (hours) is spent on **vaccines** and **vaccination**?



History

FRAMEWORK EU-PROJECT VACSATC

www.vacsatc.eu established in 2006

- Less than 60% of students report to have received training about **current safety issues** and controversies
- Only 44% of the students indicate that they receive training on how **to communicate** with patients and parents about vaccination.
- Only 50% of the students reported receiving **practical training** in administering vaccines.

Medical and nurse students competences in vaccinology

- About 37% of medical students and 38% of nurse students **does not feel confident** to **communicate** about vaccine risks and benefits.
- More than 85% of the students expressed the **need for more training** on immunization.

Vaccine. 2010 Feb 25;28(9):2053-9. doi: 10.1016/j.vaccine.2009.12.033. Epub 2009 Dec 25.

A summer school on vaccinology: Responding to identified gaps in pre-service immunisation training of future health care workers.

Vorsters A¹, Tack S, Hendrickx G, Vladimirova N, Bonanni P, Pistol A, Metlicar T, Pasquin MJ, Mayer MA, Aronsson B, Heijbel H, Van Damme P.

⊕ Author information

Programme

- ✓ **a 5 day training course**

+ social programme evening & weekend organised by



- ✓ **on all aspects of vaccinology**

immunology, public health, infectious diseases, vaccines,
immunization programs, communication on vaccine safety

- ✓ **practical training how to vaccinate – how to communicate**

- ✓ **via interactive teaching sessions & hands-on workshops**

- ✓ **in an international environment**





Participants' reflections

“This summer school should be a model for all summer schools”

“I had a great time both on educational and cultural/social activities”

“Don't change the instructors”

PARTICIPANTS' OPINION ON ANTWERP SUMMER SCHOOL ON VACCINOLOGY

Sergio Linares Fernández¹, Cesare A. Marino², Mădălina Preda^{3,4*}

¹Student of the Master Leading International Vaccinology Education LIVE. LIVE Organizing Universities: University of Antwerp (UA, Belgium), Universidad de Barcelona (UB, Spain), Université Claude Bernard Lyon 1 (UBCL, France), Universidad Autónoma de Barcelona (UAB, Spain), Université Jean Monet Saint-Etienne (UJM, France);

²Master student of Pharmaceutical Biotechnology, University of Bologna, Bologna, Italy; ³Carol Davila University of Medicine and Pharmacy, Bucharest, Romania; ⁴Cantacuzino National Research Institute, Bucharest, Romania

Book Performance Report

2017

April 2018

Dear Pierre Van Damme,

This report provides you with an overview of how your eBook performed on SpringerLink in 2017. We would also like to share some tips and services for you.

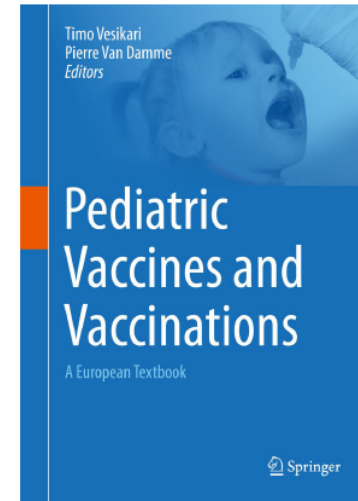
You might be familiar with Bookmetrix, a platform that compiles performance metrics for your books/chapters. Last year we **connected Bookmetrix to your MySpringer account**. While this report shows static, calendar-year data, your account shows you *current* SpringerLink usage data as well as the number of citations, social media mentions and book reviews.

Clicking on one of these metrics takes you to the Bookmetrix page for your book where you can find **benchmarks: how your book compares to the average of other titles published in the same year and discipline**.

Just a reminder, you can access MySpringer [here](#).

Best wishes,

Your Springer Marketing team



ISBN 978-3-319-59952-6
(ebook)

ISBN 978-3-319-59950-2
(print book)

Availability of and results for your eBook

Since its online publication on August 14, 2017, there has been **a total of 1,878 chapter downloads** for your eBook on SpringerLink. The table to the right shows the download figures for the last year(s).

Year	Chapter Downloads
2017	1,878

Valentine vaccination Symposium

Yearly symposium with scientific presentations covering present-day vaccination topics.

Organized by the Centre for the Evaluation of Vaccination (CEV), University of Antwerp & Flemish Agency for Care and Health



 Centrum voor de Evaluatie van Vaccinaties
Vaccin & Infectieziekten Instituut
Universiteit Antwerpen

AGENTSCHAP
ZORG &
GEZONDHEID

 Vlaanderen
is zorg

www.uantwerpen.be/valentijn

 Universiteit
Antwerpen

History

There is a continuous and growing need for scientific research supporting vaccination and tackling present-day vaccination-related topics.

Not only for **researchers**, but also for **vaccinators** (doctors and nurses) in the health care sector.

Helping with practical vaccine-related questions through question & answer sessions.

History



In **2003**, the first edition of the symposium was organised, with < 100 participants.

Now, in **2018**, over 500 people attended the symposium!



Program

Participants receive a **booklet** and **USB-stick** with all information presented during the day, as well as background documents:

- ✓ Information about speakers
- ✓ Updated schedule and document about simultaneous vaccination
- ✓ Useful websites about vaccination
- ✓ Critical questions about vaccination: Fact checks
- ✓ Literature



Edition 2018

16th edition of the symposium

Topic:

'Vaccinations: Today and Tomorrow'



Kritische vragen over vaccinatie: Fact checks

“We starten te vroeg met onze vaccinaties”

- ✓ **Niet waar**
- Eerder niet waar
- Eerder wel waar
- waar

Waarom moet er tijdig met vaccinatie gestart worden?

Omdat we infecties die gevaarlijk kunnen zijn wanneer ze op jonge leeftijd worden opgelopen, vóór willen zijn. Het is immers niet mogelijk om het tijdstip van blootstelling aan een infectieziekte correct in te schatten. Omwille van dat onvoorspelbare is het bijzonder belangrijk om zich tijdig te laten inenten alvorens de ziekte op te lopen. Een kind het recht op bescherming tegen infectieziekten ontzeggen in zijn meest kwetsbare levensperiode gaat in tegen het Verdrag inzake de Rechten van het Kind (art 24).

Baby's worden geboren met een nog heel onvolgroeid immuunsysteem. Ze krijgen van de mama een voorraadje antistoffen mee, maar die verdwijnen op 2 à 4 maanden uit hun bloed. Borstvoeding valt zeker aan te moedigen maar kan dit niet compenseren. Bovendien heeft niet elke mama evenveel





Program 2018

Lectures

- ✓ Keynote: How do you inform parents who ask:
 - ✓ How vaccines work?
 - ✓ Where a vaccine is made of?
- ✓ European vaccination week: edition 2018
- ✓ Reflections about HPV and prevention: a testimony after cervical cancer
- ✓ Local: a project for vulnerable children
- ✓ Vaccination by a nurse, is this feasible?

Valentine award!



Program 2018

Question about vaccines? The expert panel answers

Topics

- ✓ Meningococcal infection, Pneumococcal infection, Measles-Mumps-Rubella, Varicella, Hepatitis B, Human Papillomavirus, Rabies, Side effects and safety, Policy, etc.
- ✓ Example question: *‘What do you think about vaccinating somebody after he/she had a local reaction?’*



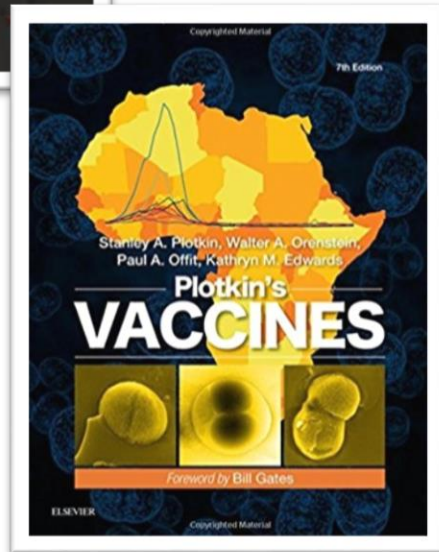
Next year - edition 2019



17th edition of the symposium

With Keynote speaker:

Prof. Stanley Plotkin, MD, PhD



Author of the reference
work '*Vaccines*' and
godfather of vaccinology

THANK YOU!



Centre for the Evaluation of Vaccination
Vaccine & Infectious Disease Institute
University of Antwerp