

Adult Immunization Board - Technical meeting:

*Assessing the health burden of vaccine-preventable infections
in European Adults: challenges and opportunities*

Session 1: Welcome introduction of the AIB / meeting definition setting



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Introduction of the Adult Immunization Board



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Adult Immunization Board: From idea to concept

Growing number and share of older people

Concerning low adult vaccination coverage

Barriers experienced during implementation of COVID-19 vaccination strategies

Increasing number of questions about adult immunization / life course immunization

...

Need for independent and multidisciplinary reflection on adult immunization in Europe



Adult Immunization Board

Based on good experience with existing multidisciplinary advisory groups



AIB - Mission and Objectives

- The purpose of the AIB is **to contribute to the reduction of the impact of vaccine-preventable infections and diseases in European adults**
 - By providing evidence-based guidance on key technical and strategic issues
 - By sharing relevant information on adult immunization with a broad array of stakeholders
 - By monitoring the progress of adult immunization programs at regional, national and European levels
- In line with the VHPB/HPV board, the AIB organizes **two live meetings per year**.
 - A **technical meeting** to discuss specific technical aspects on adult immunization with subject-matter experts
 - A **country meeting** to discuss country/region-specific issues on adult immunization together with local experts

Focus audiences are key opinion leaders, policymakers, researchers, public health experts and health care professionals.

A multi-disciplinary Board formed by prominent experts

- Independent, international, multidisciplinary group of +/- **24 advisors and observers**
- Experts in different fields of adult immunization/representing different EU-regions
- The board members **set the strategy and define the actions of the AIB** twice a year during an advisory board meeting the evening before the AIB meetings.
- Advisors act in their personal capacity -> Provides open and honest discussions

International organisations



Niyazi Cakmak
(WHO EURO)



Daphne Holt
(CLCI)



International
Longevity Centre
(TBD)



Mariano Votta
(Active Citizen Ship)



ECDC
(TBD)

Public Health



Aparna Keegan
(Ireland)



Odile Launay
(France)



Giovanni Gabutti
(Italy)



Helena Maltezou
(Greece)

A multi-disciplinary Board formed by prominent experts

Academia / University



Jacek Wysocki
(Poland)



Antoni Torres
(Spain)



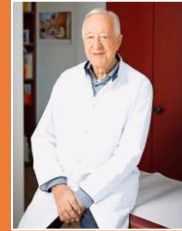
Ligita Jancoriene
(Lithuania)



Heidi Larson
(Belgium / UK)



Per Ljungman
(Sweden)



Robert Steffen
(Switzerland)



Pierre Van Damme
(Belgium)



Birgit Weinberger
(Austria)



Johan Flamaing
(Belgium)



Sotirios Tsiodras
(Greece)



Stefania Maggi
(Italy)



Thomas Weinke
(Germany)



Heini Salo
(Finland)



Roman Chlibek
(Czech Republic)



Alojz Ihan
(Slovenia)



Paolo Bonanni
(Italy)



Javier Díez-Domingo
(Spain)

Differences with existing VHPB and HPV board



VHPB Board

- Disease specific
- Mostly EU-focussed
- Secretariat UA based
- Multisponsored unrestricted grants
- Since 1992

www.vhpb.org



HPV Board

- Disease specific
- Global
- Secretariat UA based
- Multisponsored unrestricted grants
- Since 2015

www.HPVboard.org



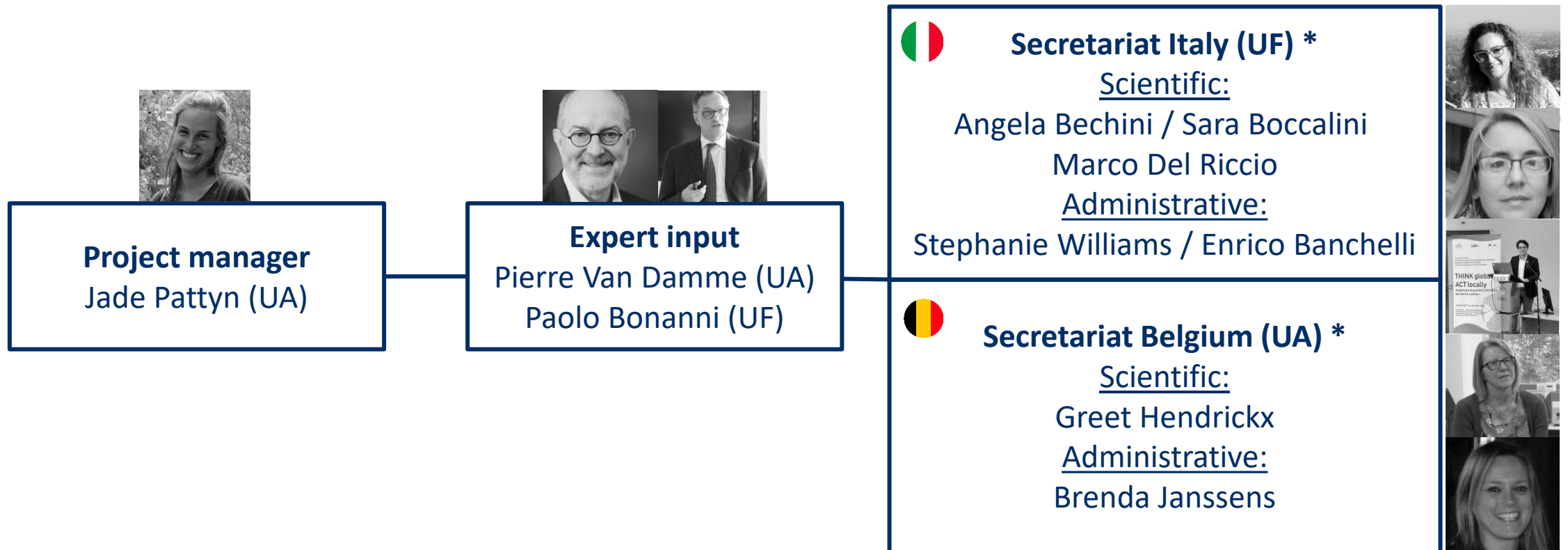
Adult Immunization Board

- **Not** disease specific
- EU-focussed
- Secretariat UA and UF based
- Unrestricted grant Vaccines Europe
- Fresh collaboration: Since Nov 2022

www.adultimmunizationboard.org

The AIB has a permanent executive secretariat


Collaboration between university of Antwerp (UA) and university of Florence (UF)



Secretariat activities

- Ensuring strict operational/ scientific independence of the AIB actions and output
- Preparing and organizing scientific programs for the AIB meetings
- Prepare background documents and scientific reports
- Editing, submitting and disseminating AIB publications / reports
- Interacting with sponsors and affiliated groups
- Foster new opportunities to expand the AIB's impact
- Supervising the AIB budget and raising resources. All financial issues are done by the rules of the University of Antwerp
- Managing the AIB website / LinkedIn page
 - Website: www.adultimmunizationboard.org
 - LinkedIn: <https://www.linkedin.com/company/adult-immunization-board-aib>

Unrestricted Grant – Vaccines Europe

- The executive secretariat of the Adult Immunization Board benefits from **being seated at the University of Antwerp and the University of Florence**, where it has the **infrastructure and administrative services** of the universities at its disposal.
- The AIB is **supported for its activities and meetings** by an **unrestricted grant from**  Vaccines Europe. All meeting funds are collected by the AIB secretariat. **Meeting topics and editorial control of the output and website rests entirely with the executive secretariat** of the Adult Immunization Board according to all ethical rules of both Universities.
- For the Board and its advisors, **strict operational and scientific independence** is essential. Adult Immunization Board advisors and invited experts get only **travel and subsistence reimbursed** according to the Universities Rules, **no honorary or other forms of remuneration are paid**.

(Upcoming) meetings / activities

| Meeting | Date | Type | Topic | Location |
|-----------|------------|--------------|--|----------|
| Meeting 1 | 8 Nov 2022 | Kick off AIB | “Proto-board” meeting to establish the basic structure and functions of the Board and to plan the agendas of future meetings | Antwerp |
| Meeting 2 | April 2023 | Technical | Assessing the health burden of vaccine-preventable infections in European Adults: challenges and opportunities | Antwerp |
| Meeting 3 | Dec 2023 | Country | Adult immunization in Italy: lessons learned and the way forward | Italy |
| Meeting 4 | H1 2024 | Technical | Topic (TBD) | TBD |
| Meeting 5 | H2 2024 | Country | Adult immunization in ? : lessons learned and the way forward | TBD |
| Meeting 6 | H1 2025 | Technical | Topic (TBD) | TBD |
| ... | | | | |

Kick-off meeting (8 Nov 2022, Antwerp)

Outcome:

- Experts from **different disciplines/sectors** welcomed the AIB initiative.
 - All potential AIB advisors present at the kick-off meeting joined the AIB initiative as an advisor
- The **new platform was well received and endorsed** as an appropriate and effective way to share information and exchange ideas and experiences across disciplines and borders
- **Topics and countries** for upcoming AIB meetings were discussed
- **AIB independence** and the **profile of the potential AIB advisor** were discussed
- *All meeting presentations are available on our website:*
<https://www.adultimmunizationboard.org/meetings/kick-off-meeting-november-2022/>



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| ... | | | | |

Meetings - Way of working



Meeting topics- countries
Objectives – meeting outcome

Literature –web review



Draft agenda
Potential speakers
Potential participants



Adult Immunization Board (AIB)
Technical meeting:

Assessing the health burden of vaccine-preventable infections in European Adults: challenges and opportunities

University of Antwerp
(Belgium)

DRAFT

Please note that this is a preliminary draft of the AIB meeting objectives/ agenda

Preliminary Meeting Objectives:

- Provide an overview of current vaccine-preventable infections (VPIs) in the adult population (≥18y)
- Discuss the methodology and challenges in computing the health burden of adult VPIs (focus on Europe)
- Understand how the health burden estimates of adult VPIs shape national vaccination policies and practices and inform public health priorities
- Evaluate the current VPIs health burden evidence to provide a convincing case for strengthening adult vaccination in Europe

Intended Impact:

Accurate information about the health burden of VPIs in adults is needed for several reasons:

- To understand the need and justification for consolidating actual and propose new adult vaccination programmes
- To measure the impact of adult vaccination programs on individual and population health, health systems, economic and social factors
- To collate the rationale to improve prevention / vaccination strategies for adult diseases (e.g. update or revise immunization schedules, implement targeted delivery strategies, etc.)
- To support health policy recommendations and priorities

The purpose of the first AIB technical meeting is to identify and discuss the challenges and opportunities when assessing the health burden of VPIs in European adults.

Target audience (± 60 participants):

The Adult Immunization Board will bring together European vaccinologists, epidemiologists, opinion leaders, policymakers, public health and health care professionals of different specialties, patient groups, professional medical and paramedical organizations. A diverse set of data will be presented and programs, strategies, successes and challenges will be discussed.

Tour de table: Introduction of the (virtual or physical) participants

- Please note that we have participants / speakers online – **hybrid meeting**
- **Physical Participants**
 - Please use the mic to ask questions and/or give comments. It will help the online participants to follow the questions and discussion in the meeting room
- **Online participants**
 - Please switch on your video while introducing yourself and every time you speak
 - Keep yourself on mute when not speaking

Video recordings of the meeting are for internal use only. No recordings will be put online.

Meeting agenda and objectives



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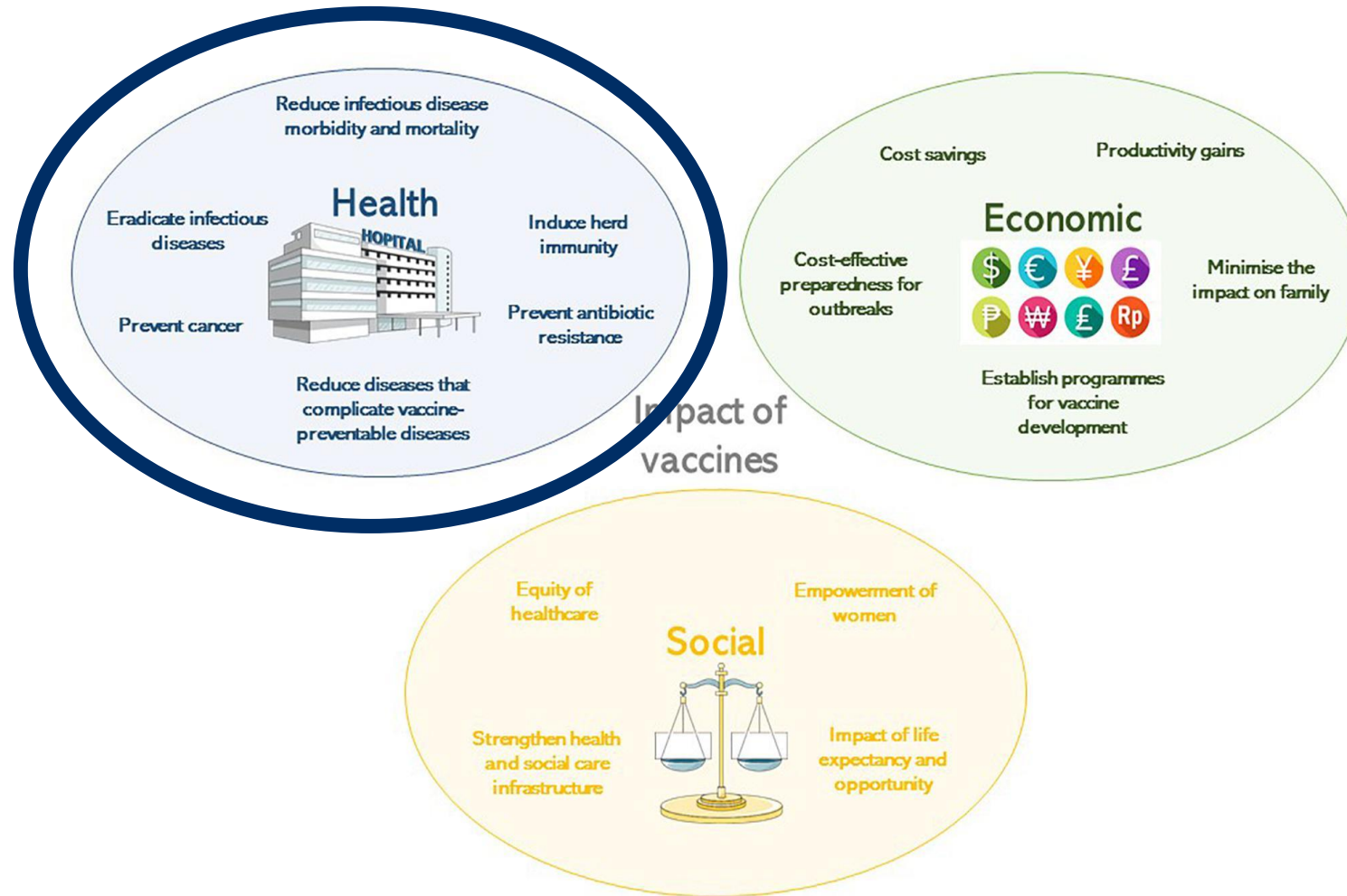
AIB Technical meeting (20-21 April, Antwerp, Belgium)

Subject: Assessing the health burden of vaccine-preventable infections in European Adults: challenges and opportunities

Meeting title definitions:

| | |
|---------------------------------------|--|
| Health burden of disease | Impact of infections/ diseases on physical and psychosocial health measured in a comprehensive and comparable way by mortality and morbidity, or other indicators. <i>Source: Sciansano/burden-disease</i> |
| Vaccine-preventable infections | <u>An infection</u> : The invasion and multiplication of microorganisms such as bacteria, viruses, and parasites that are not normally present within the body. An infection may cause no symptoms and be subclinical, or it may cause symptoms and be clinically apparent. <u>An infectious disease</u> : also known as a transmissible disease or communicable disease, is an illness resulting from an infection. <u>A vaccine-preventable infection/ disease</u> is an infection/ disease for which an effective preventive vaccine exists. <i>Source: Medical Editor: Charles Patrick Davis, MD, PhD</i> |
| Adult immunization | Adult immunization refers to the administration of vaccines to individuals who are <u>18 years of age or older</u> in order to protect them against various infectious diseases. <i>Source: AIB secretariat</i> |

Background



Background

Accurate information on the health burden of VPIs in adults is needed for several reasons:

- To understand the **need and justification** for consolidating **existing** and proposing **new** adult vaccination programs
- To **measure the impact** of adult vaccination programs on individual and population health, health systems, economic and social factors
- To collate the rationale to **improve prevention / vaccination strategies** for adult diseases (e.g., update or revise immunization schedules, implement targeted delivery strategies, etc.)
- To **support health policy recommendations and priorities**

The purpose of the first AIB technical meeting is to **identify and discuss the challenges and opportunities** when assessing the health burden of VPIs in European adults.

Meeting objectives

Subject: Assessing the health burden of vaccine-preventable infections in European Adults: challenges and opportunities

The objectives of the meeting are:

- To provide an overview of current vaccine-preventable infections (VPIs) in the adult population (≥ 18 y)
- To discuss the methodology and challenges in calculating the health burden of adult VPIs (focus on Europe)
- To understand how health burden estimates of adult VPIs shape national vaccination policies and practices and inform public health priorities
- To evaluate current VPIs health burden evidence to provide a convincing case for strengthening adult vaccination in Europe

Meeting agenda

| | |
|--|--|
| Session 1 | Welcome and meeting definition settings |
| Session 2 | The methodology and challenges of computing the health burden of adult vaccine-preventable infections (focus on Europe) |
| Session 3 | The epidemiology and health burden of selected adult vaccine-preventable infections |
| Session 4 | From theory to practice: How are health burden estimates used to recommend adult vaccines in national immunization programs in Europe |
| Meeting conclusions and closing remarks | |