



FIP DIGITAL PROGRAMME

**TRANSFORMING  
VACCINATION**

GLOBALLY & REGIONALLY

# FIP Transforming Vaccination Globally & Regionally

## Series 2 Setting transformative goals

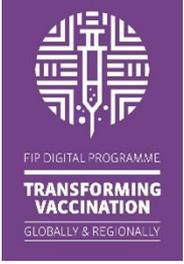
### 2.8 Setting transformative goals for vaccination globally



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# Moderators

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**Gonçalo Sousa Pinto**

*Lead for Practice Development and Transformation - FIP*



**Carlene Ngoma**

*FIP Global Lead for Equity and FIP Program co-ordinator for FIP transformation of Vaccination Globally and Regionally*



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# Announcements



-  This webinar is being recorded and live-streamed via Facebook
-  The recording will be freely available on our website [www.fip.org](http://www.fip.org)
-  You may ask questions using the question box provided
-  You are welcome to provide feedback to [webinars@fip.org](mailto:webinars@fip.org)
-  Become a member of FIP at [www.fip.org/membership\\_registration](http://www.fip.org/membership_registration)

# Welcome to the “Transforming Vaccination Regionally & Globally” Programme

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Transforming Vaccination Regionally and Globally is the first FIP Transformation outcome-based online programme of its kind underpinned by the FIP Development Goals (FIP DGs).

**Final outcome of the programme is a historic global FIP Commitment to Action on Vaccination in Pharmacy.**

A FIP Transforming Vaccination Collection (2021).



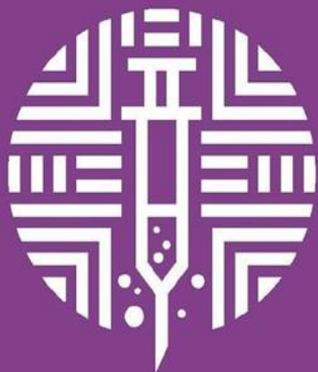
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## TRANSFORMING VACCINATION

GLOBALLY & REGIONALLY

ROADMAP  
SEPTEMBER  
TO DECEMBER  
2020

## SERIES #1

### Identifying transformation needs

The needs of the pharmaceutical science, practice and workforce of vaccination

#1

SEPT / OCT

#### Main outcome

Identification of needs & considerations for transforming vaccination globally across practice, science and workforce & education.

## SERIES #2

### Setting transformative goals

Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession

#2

OCT / NOV

#### Main outcome

Discussing mechanisms and drivers to progress the most relevant FIP Development Goals (FIP DGs) in the context of transforming vaccination in pharmacy.

## SERIES #3

### Committing to transformation

Delivering a global commitment to action on vaccination

#3

DEC

#### Main outcome

Delivering a global FIP Commitment to Action on Vaccination in Pharmacy.

# Important Links & Resources

Transforming Vaccination Regionally & Globally Webpage  
[transformingvaccination.fip.org](https://transformingvaccination.fip.org)

Engage with us and help us answer the following questions:

1. What single factor should be prioritized to transform pharmacy vaccination services globally and regionally?
2. What would be the most important achievement in terms of pharmacy vaccination services in your country in the next five years?
3. What else should the FIP Commitment to action outline?



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## Series 2 - Setting transformative goals

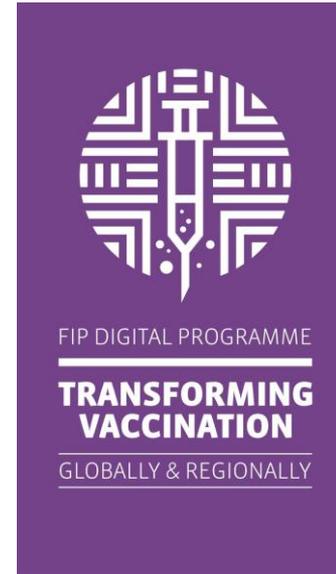
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### Setting transformative goals:

Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession

### Main outcome:

Discussing mechanisms and drivers to progress the most relevant FIP Development Goals (FIP DGs) in the context of transforming vaccination in pharmacy.



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**The FIP  
Development Goals  
reiterate FIP's  
commitment to  
global health.**



# Global mechanisms for implementation & transformation



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Regional roadmaps.

Indicators & country level metrics.

FIP Transformation programmes.



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**Pharmacy-based vaccination and vaccine-related services are linked to 17 of the 21 FIP Development Goals, with a central role in seven of them**



	Event title	Date
	<p>Vaccination from specialist practice to every day practice: FIP DG 4 Advanced &amp; Specialist Development</p>	<p>28th October 2020</p>
	<p>Empowering pharmacists to deliver vaccination at the health-system level: FIP DG 7 Advancing Integrated Services</p>	<p>3rd November 2020</p>
	<p>Removing policy barriers to pharmacist vaccinations: FIP DG 13 Policy Development</p>	<p>5th November 2020</p>
	<p>Pharmacist vaccinators and communicable disease management: FIP DG 16 Communicable Diseases</p>	<p>10th November 2020</p>

 <p><b>17</b>   </p> <p><b>ANTIMICROBIAL STEWARDSHIP</b></p>	<p>Pharmacist vaccinators and antimicrobial stewardship: FIP DG 17 Antimicrobial Stewardship</p>	<p>11th November 2020</p>
 <p><b>10</b>   </p> <p><b>EQUITY &amp; EQUALITY</b></p>	<p>The Role of Pharmacist Vaccinators in improving access to and equity in healthcare outcomes: FIP DG 10 Equity &amp; equality and FIP DG18 Access to Medicines &amp; Services</p>	<p>17th November 2020</p>
 <p><b>18</b>   </p> <p><b>ACCESS TO MEDICINES, DEVICES &amp; SERVICES</b></p>	<p>Pharmacist vaccinators and patient safety: FIP DG 19 Patient Safety</p>	<p>18th November 2020</p>
 <p><b>19</b>   </p> <p><b>PATIENT SAFETY</b></p>	<p>Setting transformative goals for vaccination globally</p>	<p>25th November 2020</p>



# Today's Learning Objectives

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To summarise and discuss the impact of FIP Development Goals in the Transformation of Vaccination Globally and Regionally.



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Event title	Date	ZOOM attendees	Facebook attendees
<b>Vaccination from specialist practice to every day practice: FIP DG 4 Advanced &amp; Specialist Development</b>	28th October 2020		
<b>Empowering pharmacists to deliver vaccination at the health-system level: FIP DG 7 Advancing Integrated Services</b>	3rd November 2020		
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<b>Pharmacist vaccinators and antimicrobial stewardship: FIP DG 17 Antimicrobial Stewardship</b>	11th November 2020		
<b>The Role of Pharmacist Vaccinators in improving access to and equity in healthcare outcomes: FIP DG 10 Equity &amp; equality and FIP DG18 Access to Medicines &amp; Services</b>	17th November 2020		
<b>Pharmacist vaccinators and patient safety: FIP DG 19 Patient Safety</b>	18th November 2020		
<b>Setting transformative goals for vaccination globally</b>	25th November 2020		

## Series 2

# List of Member Organisations engaged in the programme



Members	Country	Region
Norwegian Pharmacy Association	Norway	Europe
Portuguese Pharmaceutical Society - Ordem dos Farmacêuticos	Portugal	Europe
Irish Pharmacy Union	Ireland	Europe
Pharmaceutical Society of Hong Kong	Hong Kong	Western Pacific
Brazilian Federal Council of Pharmacy	Brazil	Americas
Pharmaceutical Association of Israel	Israel	Europe
Pharmaceutical Society of Australia	Australia	Western Pacific
Indian Pharmaceutical Association	India	South-East Asia



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## Series 2

# List of Academic Institutional Members

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AIM	Country
University of Alberta	Canada
Lebanese International University	Lebanon
University of Costa Rica Colegio de Farmacéuticos de Costa Rica	Costa Rica
University of KwaZulu-Natal	South-Africa



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# FIP Development Goal 4: Advanced & specialist development

*Globally we will have...*



## FIP Development Goal 4 [w]

Education and training infrastructures in place for the recognised advancement of the pharmaceutical workforce as a basis for enhancing patient care and health system deliverables.



## FIP Development Goal 4 [p]

Sector-specific competency and development frameworks and infrastructures for advanced and/or specialised pharmacy practice and people-centred services.



## FIP Development Goal 4 [s]

Education, training, and mentoring to foster innovation and expertise in pharmaceutical sciences.



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## SERIES 2. Setting transformative goals:

Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession.



### Episode 1

Vaccination from specialist practice to every day practice:

FIP DG 4 Advanced & Specialist Development



**Date** 28 October **Time** 14:00 CET

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**Moderator**  
**Arit Udoh**

Senior Clinical Project Manager  
University of Birmingham  
Global Lead, FIP Development Goal 4 (UK)



**Co-moderator**  
**Desak Ketut Ernawati**

Academic and Researcher  
Faculty of Medicine Universitas Udayana  
Global Lead, FIP Development Goal 4 (Indonesia)



**Speaker**  
**Hanne Merete Andresen**

Director Pharmaceutical Affairs  
Norwegian Pharmacy Association (Norway)



**Speaker**  
**Andi Shirtcliffe**

Clinical Chief Advisor – Pharmacy, Quality  
Use of Medicines, Allied Health  
Ministry of Health (New Zealand)



**Speaker**  
**Greg Eberhart**

Registrar  
Alberta College of Pharmacy (Canada)



**Speaker**  
**Jorge Batista**

International Affairs Lead  
Portuguese Pharmaceutical Society (Portugal)

# FIP DG 4 Advanced & Specialist Development

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**Arit Udoh**

*Senior Clinical Project Manager - University of Birmingham  
Global Lead FIP DG4, Advanced & Specialist Development*



**Desak Ketut Ernawati**

*Academic and Researcher- Faculty of Medicine Universitas Udayana  
Global Lead FIP DG4, Advanced & Specialist Development*



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# Themes and topics covered

Event 2.1 Vaccination from specialist practice to every day practice:  
FIP DG 4 Advanced & Specialist Development

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Vaccination: From Specialist Practice to Every Day Practice” – was focused on the FIP Development Goal 4: Advanced & Specialist Development from the perspective of vaccination by pharmacist. The topic covered the process required to take vaccination by pharmacists from a specialised field that few pharmacists deliver in some jurisdictions, to a standard part of pharmacists’ care from Norway, New Zealand, Canada and Portugal



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# Primary take-away messages

Event 2.1 Vaccination from specialist practice to every day practice:  
FIP DG 4 Advanced & Specialist Development

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1- Building collaborations with other healthcare professionals and government stakeholders is essential for success of the service

2- The provision of vaccination and immunization services should be incorporated into the pharmacists' scope of practice and backed by appropriate legislation.



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# Primary take-away messages

Event 2.1 Vaccination from specialist practice to every day practice:  
FIP DG 4 Advanced & Specialist Development

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3- Expanding pharmacists' scope of practice to include vaccination will require building capacity in the area via education and training

4- Identify the unmet need for the service within the community served and propose pharmacists' involvement as a key part of the solution.

5- Evaluate the service to assess evidence of effectiveness and value is essential for ensuring continued government support



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# FIP DG and Mechanism/actions identified relevant to FIP DG

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- Political will and government support
- Identifying barriers for change
- Engagement with stakeholders (community, the government, pharmacy/pharmaceutical association, education institutions)
- Provide training for pharmacist practitioners and incorporate in pharmacy education curriculum



# Key takeaway points

Event 2.1 Vaccination from specialist practice to every day practice:  
FIP DG 4 Advanced & Specialist Development

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- **Workforce:**

To include training on vaccination in undergraduate education or in CPD

- **Practice:**

- 1- Identify drivers and barriers for change
- 2- Support from the government
- 3- Collaboration between stakeholders (community, pharmacy association and education institution) is essential.



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# Comments

Event 2.1 Vaccination from specialist practice to every day practice:  
FIP DG 4 Advanced & Specialist Development

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The process required in vaccination ranges from identifying the needs of each country, building possibility, enabling capacity and changing the public expectation. The context in each country may vary based on local practice, pharmacists' role, identified barriers and drivers.



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# FIP Development Goal 7: Advancing integrated services

*Globally we will have...*



## FIP Development Goal 7 [w]

A patient-centred and integrated health services foundation for workforce development, relevant to social determinants of health and needs-based approaches to workforce development.



## FIP Development Goal 7 [p]

A people-centred and integrated health care provision that is based on an interprofessional and cross-setting seamless continuum including pharmacist-delivered professional services.



## FIP Development Goal 7 [s]

Scientific strategies to evaluate expanded professional pharmacy services and programmes, including translational and reverse-translational research.



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**SERIES 2.** Setting transformative goals:

Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession.



## Episode 2

Empowering pharmacists to deliver vaccination at health-system level:

FIP DG 7 Advancing Integrated Services



**Date:** 3 November **Time:** 14:00 CET

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**Moderator**

**Marwan Akel**

Global Lead, FIP DG 7

Chairperson Pharmacy Practice Department  
Lebanese International University  
(Lebanon)



**Co-moderator**

**Barbel Holbein**

Global Lead, FIP DG 7

Lecturer and Researcher  
University of Bremen; University of applied  
sciences - Baden Württemberg  
(Germany)



**Speaker**

**Sofía Segura**

Professor

University of Costa Rica and  
College of Pharmacists of Costa Rica  
(Costa Rica)



**Speaker**

**Pamela Logan**

Director of Pharmacy Services  
Irish Pharmacy Union  
(Ireland)



**Speaker**

**Scarlett Pong**

President

The Pharmaceutical Society  
of Hong Kong (Hong Kong)

# FIP DG 7 Advancing Integrated Services

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## Marwan Akel

*Chairperson Pharmacy Practice Department –  
Lebanese International University  
Global Lead, FIP DG 7 (Advancing Integrated Services)*



## Bärbel Holbein

*Lecturer and Researcher- University of Bremen;  
University of Applied Sciences-Baden Wuerttemberg  
Global Lead, FIP DG 7 (Advancing Integrated Services)*



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# The impact of DG 7 Advancing Integrated Services



## on transforming vaccination

- Primary take-aways
- Themes and topics covered
- Corona-accelerated transformation
- Proposal of mechanisms
- Outlook



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# Primary take away messages

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- Meaning & importance of **vaccination at the health system level:**  
historical, legal and social framework of community pharmacy in the country  
continuous, dynamic process, evolving based on experience  
strategic plan/roadmap with all HC stakeholder engagement
- **Vaccination in all settings**
- **Case studies on the long route to implementation**

Sofia Segura, Pamela Logan, Scarlett Pong



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# Themes & topics covered

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- **Heterogeneous** vaccination situation worldwide
- **Long route** to full implementation
- Actions need to be taken on a **step-by-step basis**
- **Pharmacies** are ideal places for vaccination  
(safe, well equipped, well trained staff)
- It is the **NOW** to become active and involved



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# Changing world of services

## Work

- Environment / teams / workload / interprofessional working

## information

- Treatment options / fake news / myths

## Service delivery

- Telepharmacy / telehealth / **Vaccination**
- Medicine supply challenges

## Government

- Changes in legislation



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# The HOW in the NOW



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**Silo-free & gap-avoiding**

## Actionable preparedness

- *Authority level*  
Institutions, Government
- *Provider representatives*  
Member organisations, Associations
- *Service providers*  
Community pharmacies, Hospitals



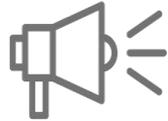
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# The HOW in the NOW, cont'd

## Patient-centricity, pharmacists & the ONE FIP approach



Advocacy



Social background



Sustainability

A greater contribution of the pharmacist in patient-centered care



Infrastructure and equipment



Knowledge, skills and abilities



*patient-centred and integrated health services foundation for workforce development*

*people-centred and integrated health care provision based on interprofessionalism and pharmacist-delivered services*

*Scientific strategies to evaluate expanded professional pharmacy services including research.*



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# Mechanisms

- Pro-active approach
- Advocacy
- Networking & Alliances
  
- Comparison of different pharmacy services provided (e.g. glucose test vs vaccination, nutrition counseling)
- Need of research results to advocate, imbedded in WHO, OECD health data



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# Mechanisms, cont'd

- Strengthening the role of pharmacists:
  - their own confidence
  - patients' confidence, recognition & trust in pharmacists' knowledge, skills
- Role models –
  - on HC system level: Member organisation and their route to implementation as benchmark and orientation
  - on individual level: vaccinators and their success stories



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# Goals & Mechanisms, cont'd

- Take advantage of the “Twindemic”
- Continue to gain trust from public and other HCP
- “Globalize” the Certificate Training Programmes (FIP vaccination training)
- Promotion of FIP’s toolkit



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**More trips here**



**Can mean fewer trips here**



# Outlook

**7 |**   
**ADVANCING INTEGRATED SERVICES**

**1 |**   
**ACADEMIC CAPACITY**

**2 |**   
**EARLY CAREER TRAINING STRATEGY**

**6 |**   
**LEADERSHIP DEVELOPMENT**

**5 |**   
**COMPETENCY DEVELOPMENT**

**9 |**   
**CONTINUING PROFESSIONAL DEVELOPMENT STRATEGIES**

**8 |**   
**WORKING WITH OTHERS**

**13 |**   
**POLICY DEVELOPMENT**

**11 |**   
**IMPACT & OUTCOMES**

**16 |**   
**COMMUNICABLE DISEASES**

**15 |**   
**PEOPLE-CENTRED CARE**

**21 |**   
**SUSTAINABILITY IN PHARMACY**

**19 |**   
**PATIENT SAFETY**

**18 |**   
**ACCESS TO MEDICINES, DEVICES & SERVICES**



# FIP Development Goal 13: Policy development

*Globally we will have...*



## FIP Development Goal 13 [w]

Clear and manageable strategies to implement comprehensive needs-based development of the pharmaceutical workforce throughout the entire professional career life cycle.



## FIP Development Goal 13 [p]

Clear pharmacy-led strategies to develop and implement needs- and evidence-based practice-related policies on service implementation, integration and remuneration, aligned with broader national health policies and priorities.



## FIP Development Goal 13 [s]

Defined strategies to implement needs-based pharmaceutical policies that drive national research priorities, intellectual property protection, licensing, and pricing decisions for medical products.



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**SERIES 2.** Setting transformative goals:

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## Episode 3

Removing policy barriers to pharmacist vaccinations:

FIP DG 13 Policy Development

**13** |   
**POLICY  
DEVELOPMENT**

**Date:** 5 November **Time:** 14:00 CET

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**Moderator**

**Ellen Schafheutle**

Global Lead, FIP Development Goal 13  
Professor of Pharmacy Policy and Practice  
Centre for Pharmacy Workforce Studies,  
The University of Manchester  
(UK)



**Co-moderator**

**Chima Amadi**

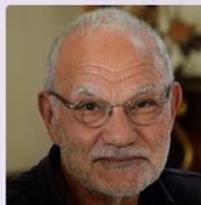
Global Lead, FIP Development Goal 13  
Education and Training Personnel  
Pharmacists' Council Nigeria  
(Nigeria)



**Speaker**

**Walter da Silva João**

President  
Brazilian Federal Council of Pharmacy  
(Brazil)



**Speaker**

**Howard Rice**

Hon. President & International Liaison Officer  
Pharmaceutical Association of Israel  
(Israel)



**Speaker**

**Shane Jackson**

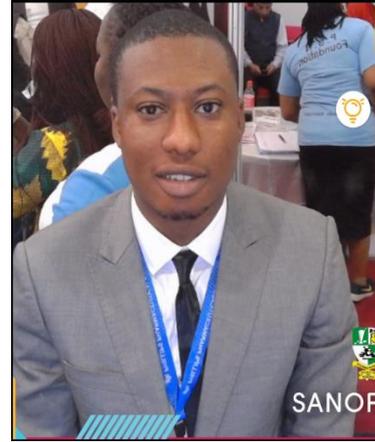
Community and Consultant Pharmacist  
Pharmaceutical Society of Australia  
(Australia)

# FIP DG 13 Policy Development



**Ellen Schafheutle**

*Professor of Pharmacy Policy and Practice –  
Centre for Pharmacy Workforce Studies, The University of Manchester  
Global Lead, FIP Development Goal 13 (Workforce Policy Formation)*



**Chima Amadi**

*Education and Training Personnel –  
Pharmacists' Council Nigeria  
Global Lead, FIP Development Goal 13 (Workforce Policy Formation)*



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# Themes and topics covered

Event 2.3 Removing policy barriers to pharmacist vaccinations:  
FIP DG 13 Policy Development

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- Speakers/ presentations covered national/ country perspective of implementation of vaccination programmes, and getting community pharmacists involved.
- Barriers and enablers/ facilitators
- The Stumbling block before Pharmacists Vaccination legislation.



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# Primary take-away messages

Event 2.3 Removing policy barriers to pharmacist vaccinations:  
FIP DG 13 Policy Development

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1- Importance of wide consultation and inclusion of stakeholders; public campaigns, lobbying of the legislature or parliament.

2- Policy developments; requirement for legislative change. Policy advocacy can be achieved through mobilization, unity in action, social visibility and political articulation



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# Primary take-away messages

Event 2.3 Removing policy barriers to pharmacist vaccinations:  
FIP DG 13 Policy Development

3- Appropriate training for pharmacists; trust in pharmacists' competence (patients and doctors etc.). Necessary courses should be provided by pharmaceutical associations for their member as a means of educating Pharmacists on vaccination

4- Funding mechanisms, and incentives – there may be conflicts if there is 'competition' for funding

5- Perceptions of pharmacists: patients – convenience of community pharmacies for patient access; doctors and other healthcare professionals.



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# FIP DG and Mechanism/actions identified relevant to FIP DG

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The International Pharmaceutical Federation needs a policy frame work on Pharmacists' vaccination inclusion which can be adopted by National Pharmaceutical Associations and Regulators.



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# FIP Development Goal 16: Communicable diseases

*Globally we will have...*



## FIP Development Goal 16 [w]

Education and training infrastructures in place to develop a workforce prepared to deliver quality services around communicable and vector-borne diseases.



## FIP Development Goal 16 [p]

Strategies and people-centred professional services for the prevention, surveillance, management and therapeutic optimisation of communicable and vector-borne diseases.



## FIP Development Goal 16 [s]

Capacity to monitor and respond to communicable with innovative approaches for prevention and treatment.



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**SERIES 2.** Setting transformative goals:

Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession.



## Episode 4

Pharmacist vaccinators and communicable disease management: FIP DG 16 Communicable Diseases



**Date** 10 November **Time** 14:00 CET

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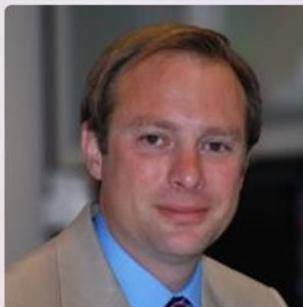


### Interviewer

**Catherine Duggan**

CEO

International Pharmaceutical Federation (FIP)  
(Netherlands)



### Interviewee

**Michael Klepser**

Past President - Society of Infectious Diseases Pharmacists  
Professor Pharmacy Practice  
Ferris State University  
(USA)

# FIP DG 16 Communicable Diseases

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**Catherine Duggan**

*CEO - International Pharmaceutical Federation FIP*



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# Interviewee

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## Dr. Michael Klepser

*President*

*Past President - Society of Infectious Diseases Pharmacists*

*Professor, Pharmacy Practice - Ferris State University*



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# Themes and topics covered

Event 2.4 Pharmacist vaccinators and communicable disease management:  
FIP DG 16 Communicable Diseases

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The role of pharmacists in providing immunizations and management of communicable diseases



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# Takeaway Messages

Event 2.4 Pharmacist vaccinators and communicable disease management:  
FIP DG 16 Communicable Diseases

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- 1) Provision of immunizations should be recognized as within the scope of practice of pharmacists world-wide
- 2) Pharmacists should be trained to administer immunizations
- 3) Community pharmacists are an invaluable way to identify individuals needing immunizations



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# Takeaway Messages

Event 2.4 Pharmacist vaccinators and communicable disease management:  
FIP DG 16 Communicable Diseases

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- 4) Pharmacists can also play a role in the management of communicable diseases by utilizing point-of-care technology to identify individuals with communicable diseases and provide them with the necessary treatment.
  
- 5) The goals of pharmacy and public health closely align, thus making the two groups logical partners.



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# FIP DG and Mechanism/actions identified relevant to FIP DG

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FIP DG 16: Communicable and vector diseases



## Reflections



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# FIP Development Goal 17: Antimicrobial stewardship

*Globally we will have...*



## FIP Development Goal 17 [w]

Strategies and systems in place to develop a pharmaceutical workforce prepared to deliver quality services for antimicrobial stewardship.



## FIP Development Goal 17 [p]

Infrastructures and frameworks in place to deliver services for antimicrobial stewardship.



## FIP Development Goal 17 [s]

Promote research and development of new antimicrobials, new antimicrobial combinations and new techniques and evaluate the impact of antibiotic stewardship programmes.



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**SERIES 2.** Setting transformative goals:

Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession.



## Episode 5

Pharmacist vaccinators and antimicrobial stewardship:  
FIP DG 17 Antimicrobial Stewardship



**Date** 11 November **Time** 14:00 CET

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**Speaker**  
**Alfonso Pereira  
Céspedes**

Pharmacist  
University of Costa Rica  
(Costa Rica)



**Speaker**  
**Philip Howard**

Consultant Pharmacist  
Leeds Teaching Hospitals NHS Trust  
(UK)



**Speaker**  
**Manjiri Gharat**

Vice-President  
Indian Pharmaceutical Association  
(India)



**Speaker**  
**Debra Goff**

Infectious Diseases Specialist,  
Global Antibiotic Stewardship  
The Ohio State University Medical Center  
(USA)



**Moderator**  
**Sabiha Essack**

South African Research Chair in Antibiotic  
Resistance & One Health  
Chair: Global Respiratory Infection Partnership  
University of KwaZulu-Natal  
(South Africa)

# FIP DG 17 Antimicrobial Stewardship

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## Sabiha Essack

*South African Research Chair in Antibiotic Resistance & One Health  
Chair: Global Respiratory Infection Partnership  
University of KwaZulu-Natal*



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# Themes and topics covered

Event 2.5 Pharmacist vaccinators and antimicrobial stewardship:  
FIP DG 17 Antimicrobial Stewardship

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## To understand the impact of FIP Development Goal 17: Antimicrobial Stewardship in the Transformation of Vaccination Globally and Regionally



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# Themes and topics covered

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- Vaccination is key to strategic objective 3 of the Global Action Plan on AMR.
- Vaccination reduces the incidence of infections and the need for antimicrobials. A reduction in use lessens the selection pressure for the development/escalation of AMR.
- The role of pharmacists in vaccination is determined by health system policy and federal, state or local regulations and may include one or more of:
  - Encouraging routine immunization through education and advocacy.
  - Screening patients and identifying those in need of immunization.
  - Dispensing and administering vaccines
  - Pharmacovigilance



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# Themes and topics covered

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- COVID-19 has entrenched pharmacists as frontline public health professionals in preventing infection and should be leveraged to include pharmacists as vaccinators.
- The accessibility, availability and equity of access to vaccines will be substantially improved by community pharmacist vaccinators.
- Any amendment to the scope of practice of the pharmacist should be accompanied by necessary knowledge and skills, integrated into pharmacy education.
- A new Pharmacy-led vaccination service should be supported policy, training and reimbursement.

## Pharmacist Vaccinators ushers in a New Era for Pharmacy

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# FIP DG Mechanisms/Actions Relevant to FIP DG 17 on AMS

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## Vaccination **INDIRECTLY** contributes to stewardship.

- Vaccines reduce the incidence of infections, including drug-resistant infections and **reduce antimicrobial use and selection pressure overall** - indirect effect on AMR.
- High vaccination rates **limit inappropriate antimicrobial use** that leads to resistance - indirect effect on AMS.



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# FIP Development Goal 10: Equity and equality

*Globally we will have...*



## FIP Development Goal 10 [w]

Clear strategies for addressing equity and diversity inequalities in pharmaceutical workforce development, continued education and training, and career progression opportunities.



## FIP Development Goal 10 [p]

Clear strategies for equity and diversity in pharmaceutical services delivery, service access and service impact so that all people have access to quality pharmaceutical care.



## FIP Development Goal 10 [s]

Equity in global capacity of pharmaceutical sciences training, research infrastructure, development and manufacturing capabilities, and evidence-based regulatory oversight.

# FIP Development Goal 18: Access to medicines, devices & services

*Globally we will have...*



## FIP Development Goal 18 [w]

Strategies in place to widen access to medicines & services through a responsive, capable, available and well-distributed pharmaceutical workforce.



## FIP Development Goal 18 [p]

Systems in place to optimise access to effective medicines and pharmaceutical care services through appropriate supply chains, quality standards, self-care & prevention services, and affordability and fair pricing policies.



## FIP Development Goal 18 [s]

Access to innovative science and information, new/innovative therapies, new delivery/manufacturing processes.



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Deconstructing vaccination in pharmacy through the FIP Development Goals (FIP DGs) across the entire profession.



## Episode 6

The Role of Pharmacist Vaccinators in improving access to and equity in healthcare outcomes: **FIP DG 10 Equity & equality** and **FIP DG 18 Access to Medicines & Services**.



**Date** 17 November **Time** 14:00 CET

Sponsored by Pfizer



**Moderator**

**Catherine Duggan**

CEO

International Pharmaceutical Federation FIP  
(Netherlands)



**Speaker**

**Jane Barratt**

Secretary General

International Federation on Ageing  
(Canada)



**Speaker**

**Alexandra (Ali) Ruth**

Doctoral Student

Johns Hopkins Bloomberg School of Public Health  
(USA)

# FIP DG 10 Equity & equality and FIP DG18 Access to Medicines & Services

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## Catherine Duggan

*CEO - International Pharmaceutical Federation FIP*



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# Speakers

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**Jane Barratt**

*Secretary General  
International Federation on Ageing*



**Alexandra (Ali) Ruth**

*Doctoral Student  
Johns Hopkins Bloomberg School of Public Health  
International Vaccine Access Center (IVAC)*



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# Takeaway Messages

FIP DG 10 Equity & equality and FIP DG18 Access to Medicines & Services



1. Create and enable an environment so that people of all ages, particularly older people find valuable
2. Address barriers in the local community that prevent or disable pharmacists to conduct their work and maximize their work as vaccinators
3. Equity is reached when everyone has the opportunity to 'attain their full health potential' and no one is 'disadvantaged from achieving this position because of their position or other socially determined circumstance.



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# Takeaway Messages

FIP DG 10 Equity & equality and FIP DG18 Access to Medicines & Services

- 4 Health literacy is different from one person to another and pharmacists are a gateway where messages are going to be critical, the messages that are being promoted regarding vaccines and our responsibility.
- 5 Resources and interventions needed to expand pharmacies' role in promoting vaccine equity



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# Takeaway Messages

FIP DG 10 Equity & equality and FIP DG18 Access to Medicines & Services

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1. A life-course approach to vaccination is the best approach for all.
2. Ending inequity to vaccines and vaccination across all ages must be at the forefront of conversations on health promotion and prevention.
3. The importance of ensuring the best possible health, well being, function and quality of life for older adults and people of all ages.
4. The Immunisation 2030 and Decade of Health Ageing must be an interconnected conversation



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# Takeaway Messages

FIP DG 10 Equity & equality and FIP DG18 Access to Medicines & Services

5. Community pharmacists are vital to the improvement of uptake rates of vaccinations, and especially adult vaccination
6. Pharmacists must be prepared to partner with professional, patient and advocacy organisation in their advocacy efforts
7. The link between vaccination services and the management of NCDs in the community setting, including the promotion of adherence to treatments and a series of support services by pharmacists especially focusing on older adults.
8. IFA and FIP are true collaborators and partners working to maintain and improve the health and well being of people of all ages create



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# Takeaway Messages

FIP DG 10 Equity & equality and FIP DG18 Access to Medicines & Services

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1. Pharmacies play a key role in extending access points to vaccination services
2. Pharmacists can also act as an additional educational resource for patients seeking vaccine information
3. Barriers to pharmacy vaccination include financing and billing issues, scope of pharmacist vaccination authority, and occasional supply issues
4. To address vaccine hesitancy, vaccine messaging must be harmonized across stakeholder groups and pharmacy orgs



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# FIP DG and Mechanism/actions identified relevant to FIP DG



## Reflections

### FIP DG 10 Equity and equality

Clear strategies for addressing equity and diversity inequalities in pharmaceutical workforce development, continued education and training, and career progression opportunities

### FIP DG 18 Workforce element

Strategies in place to widen access to medicines & services through a responsive, capable, available and well-distributed pharmaceutical workforce.



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# FIP Development Goal 19: Patient safety

*Globally we will have...*



## FIP Development Goal 19 [w]

Workforce and education strategies linked to patient safety mechanism and reducing medication-related harm in practice.



## FIP Development Goal 19 [p]

Patient safety mechanisms linked to reducing medication-related harm, quality assurance processes and legislation & regulations.



## FIP Development Goal 19 [s]

Safety in the development and use of medicines is promoted through the advancement of drug safety science.



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## Episode 7

Pharmacist vaccinators and patient safety:

## FIP DG 19 Patient Safety

**19** |   
**PATIENT  
SAFETY**

**Date** 18 November **Time** 14:00 CET

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**Moderator**

**Lars-Åke Söderlund**

Executive Advisor

Apoteket AB

President, Community Pharmacy Section

FIP

(Sweden)



**Speaker**

**Ramesh Walpola**

Lecturer

School of Population Health

UNSW Sydney

(Australia)



**Speaker**

**John Hertig**

Associate Professor

Butler University

(USA)



**Speaker**

**Ema Paulino**

Professional Secretary

FIP

(Portugal)



**Speaker**

**Alpana Mair**

Head of Prescribing and Therapeutics for

Scottish Government

(UK)

# FIP DG 19 Patient Safety



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## Lars-Åke Söderlund

*Executive Advisor*

*Apoteket AB*

*President the Community Pharmacy Section*



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# Themes and topics covered

Event 2.7 Pharmacist vaccinators and patient safety:  
FIP DG 19 Patient Safety

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## **Ramesh:** Vaccinations in Australia

Vaccinations services in community pharmacy Australia

Patient safety issues and vaccination rates in Australia

Vaccination standards and the role of the pharmacists as vaccinator

Myths of vaccines

## **John:** Pharmacists role in vaccination worldwide

Documentation and tracking

Best practice implementation

Supply chain security



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# Themes and topics covered

Event 2.7 Pharmacist vaccinators and patient safety:  
FIP DG 19 Patient Safety

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**Ema:** Pharmacist vaccinators and patient safety – the role of professional organisations

Vaccination and shared records

Vaccination rates in Portugal

Public campaigns for vaccination

**Alpana:** Standardisation of training and considerations

Monitoring of adverse effects following immunisations

Pharmacies role in programmes across the UK

Issues to consider during the pandemic



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# Primary take-away messages

Event 2.7 Pharmacist vaccinators and patient safety:  
FIP DG 19 Patient Safety

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- 1) The need for pharmacist vaccination standards and legislation to allow for vaccinations
- 2) The pharmacist's role in delivering vaccinations – incl. Health records. History and screening, Patient counseling, Training program development, Documentation and tracking, Policy and procedure development, Formulary management, Best practice implementation
- 3) Vaccination education – dispel myths, pharmacy as a trusted information source and part of national campaigns, public promotion
- 4) Supply chain security
- 5) Shared records and adverse event reporting



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# FIP DG and Mechanism/actions identified relevant to FIP DG

Event 2.7 Pharmacist vaccinators and patient safety:  
FIP DG 19 Patient Safety



- Ensure academic capacity (FIP Development Goal 1 [w]) to deliver education and training to enhance patient safety mechanisms.
- Incorporate patient safety and medication-related harm reduction skills in early career training strategy (FIP Development Goal 2 [w]) and continuing professional development strategies (FIP Development Goal 9).
- Utilise advanced and specialist development systems and frameworks (FIP Development Goal 4 [w]) to develop patient safety as an advanced or specialist area for the workforce, in addition to being embedded within leadership development programmes (FIP Development Goal 6).



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# FIP DG and mechanisms/actions identified relevant to FIP DG

Event 2.7 Pharmacist vaccinators and patient safety:

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- Incorporate patient safety and medication-related harm reduction in competencies and skills in competency development frameworks for pharmacy (FIP Development Goal 5)
- Embed people-centered care as a strategic outcome in earlier career training (FIP Development Goal 2 [w]) as well as throughout advanced and expert specialist development (FIP Development Goal 4)



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# FIP DG and Mechanism/actions identified relevant to FIP DG

Event 2.7 Pharmacist vaccinators and patient safety:  
FIP DG 19 Patient Safety

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- Align workforce education and development strategies with needed integrated services (FIP Development Goal 7 [w]).
- Understand capacity needed to produce and train sufficient workforce members that are available and accessible to ensure continued pharmaceutical care delivery (FIP Development Goal 12 [w]).



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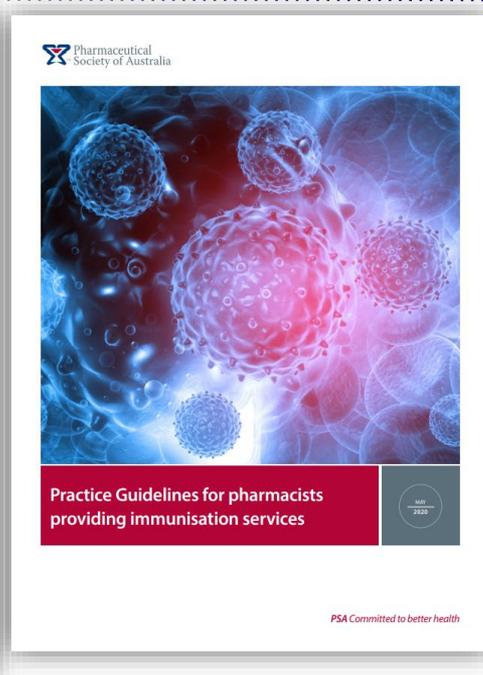


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# Pharmacist Vaccination Standards, patient safety



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# The pharmacist's role in delivering vaccinations



## Training

- First Aid
- CPR
- Anaphylaxis
- Vaccination Practice

## Reducing harm

- History and screening
- Patient counseling
- Training program development
- Documentation and tracking
- Policy and procedure development
- Public education and promotion
- Formulary management
- Best practice implementation
- Supply chain security

## Am I safe to practice?

Illness

Medication

Stress

Alcohol

Fatigue

Emotion



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# Dispel myths



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por si vacine-se  
por todos!  #  
LIFE 202021

**POR NÓS  
VACINE-SE**

VACINAÇÃO CONTRA A GRIPE | #InCoronavirus

Profissional de Saúde  Doente crónico  Mais de 65 anos 

REPÚBLICA PORTUGUESA  SNS  DGS



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por todos!  #  
LIFE 202021

**POR  
SEGURANÇA  
VACINE-SE**

VACINAÇÃO CONTRA A GRIPE | #InCoronavirus

Mais de 65 anos  Doente crónico  Profissional de Saúde  Grávida 

REPÚBLICA PORTUGUESA  SNS  DGS

## Know the facts

Any licensed vaccine has been rigorously tested. It is continuously monitored to make sure it is safe and effective for you and your family.

#VACCINESWORK

PROTECTED  
TOGETHER



#VaccinesWork  
for All

WORLD IMMUNIZATION WEEK  
24-30 APRIL 2020

 World Health Organization



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# Supply chain security



The Coronavirus Outbreak > **LIVE** Latest Updates Maps and Cases Vaccine Tracker State Restrictions and Mask Mandates FAQ

YOUR MONEY ADVISER

## *Bogus Vaccines. Fake Testing Sites. Virus Frauds Are Flourishing.*

By telephone, phishing emails, text messages or social media promotions, unscrupulous actors are using their warped creativity to separate people from their cash.



## Fake Israeli coronavirus vaccine being sold in South America

Boxes with MIGAL's Hebrew logo contain small sealed vials of the fake vaccine and a set of counterfeit instructions for use – also in Hebrew.

### 23 MAR 2020 NEWS US Court Blocks Website Selling Fake #COVID19 Vaccine



Sarah Coble News Writer



The US Department of Justice on **Saturday** filed its first court action against a website operator accused of committing fraud to profit from the global COVID-19 pandemic.



A temporary restraining order was filed in a federal court in Austin against the operator of coronavirusmedicalkit.com, who allegedly offered fake coronavirus vaccines for sale in a shameless attempt to cash in on a health crisis that has killed 15,430 people.

The website claimed to offer consumers access to COVID-19 vaccine kits approved by the World



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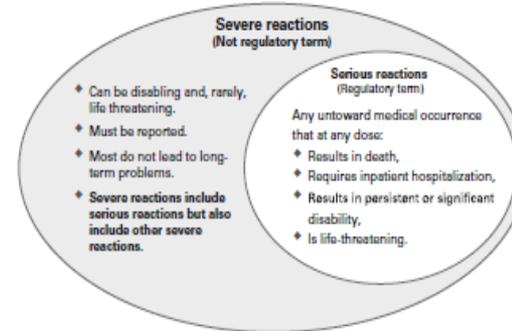
# Shared records and adverse event reporting

- Vaccine product related reaction
- Vaccine defect
- Immunization error and possible harm
- Anxiety related reaction
- Coincidental effect

## The difference between *serious* and *severe* adverse events

It is important to note that there is a difference between the terms "*serious*" and "*severe*" adverse events or reactions. A *serious* adverse event or reaction is a regulatory term, which, as defined by the Uppsala Monitoring Centre (UMC), is any untoward medical occurrence that at any dose results in death, requires inpatient hospitalization or prolongation of existing hospitalization, results in persistent or significant disability/incapacity, or is life-threatening.

A *severe* reaction is a broader term, which includes severe reactions, but also other reactions that are severe but do not necessarily lead to long term problems.



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## Summary of Series 2

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Concrete mechanisms were identified to transform vaccination globally and regionally. The tools and structures to enable nations and regions to achieve global transformation of vaccination were shared in these events which leads into series 3.



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**SERIES 3.** Committing to transformation:  
Delivering a global commitment to action on vaccination.



## Episode 1

### Regional needs and drivers for transforming vaccination: **EUROPE**



**Date** 1 December **Time** 14:00 – 15:30 CET

Funded by a charitable donation from Pfizer



**Moderator**  
**Stephanie Kohl**  
Policy & Advocacy Officer  
European Association of  
Hospital Pharmacists, EAHP  
(Belgium)



**Co-moderator**  
**Ema Paulino**  
Professional Secretary  
FIP  
(Portugal)



**Speaker**  
**Alain Delgutte**  
President-elect  
PGEU  
(Belgium)



**Speaker**  
**Monika Derecque-Pois**  
Director General  
European Healthcare Distribution  
Association, GIRP  
(Belgium)



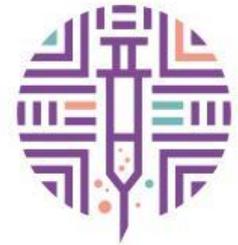
**Speaker**  
**Mary Ann  
Sant Fournier**  
President  
Malta Chamber of Pharmacists  
(Malta)

"& more guests from the region to join..."



#TransformingVaccination

PROGRAMME FINALE



FIP DIGITAL PROGRAMME

**TRANSFORMING  
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# FIP GLOBAL VIRTUAL SUMMIT

Committing to action to transform vaccination in pharmacy



17 December 2020



14:00 – 16:00 CET

[transformingvaccination.fip.org/summit](https://transformingvaccination.fip.org/summit)

# Thank you for participating!

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Recording of this episode will be  
available at  
[www.fip.org](http://www.fip.org)  
[www.transformingvaccination.fip.org](http://www.transformingvaccination.fip.org)

Your feedback is welcome at  
[webinars@fip.org](mailto:webinars@fip.org)