



FIP DIGITAL PROGRAMME

**TRANSFORMING  
VACCINATION**

GLOBALLY & REGIONALLY

# FIP Transforming Vaccination Globally & Regionally

## Series 3: Committing to transformation

### Regional needs and drivers for transforming vaccination: **Eastern Mediterranean**



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WORLDWIDE

# Moderator(s)

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**Nadia Al Mazrouei**

*President  
EMROPharm Forum*



**Samira Shammas**

*Vice President  
International Pharmaceutical Federation (FIP)*



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# Facilitator

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## Lina Bader

Lead for Workforce Transformation & Development

Programme Lead – Transforming Vaccination Globally & Regionally

International Pharmaceutical Federation (FIP)



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# Announcements



This webinar is being recorded and live-streamed via Facebook



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You may ask questions using the question box provided



You are welcome to provide feedback to [webinars@fip.org](mailto:webinars@fip.org)



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# 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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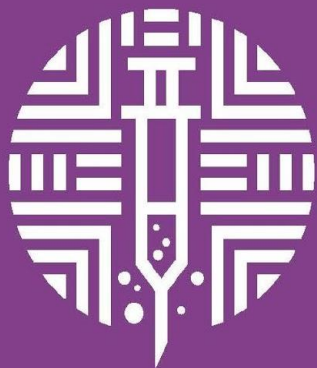
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## TRANSFORMING VACCINATION

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ROADMAP  
SEPTEMBER  
TO DECEMBER  
2020

### SERIES #1

#### Identifying transformation needs

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

### SERIES #2

#### Setting transformative goals

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

### SERIES #3

#### Committing to transformation

Delivering a global commitment  
to action on vaccination

#1

SEPT / OCT

#### Main outcome

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

#2

OCT / NOV

#### Main outcome

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

#3

DEC

#### Main outcome

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



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# 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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## TRANSFORMING VACCINATION



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



## Episode 3

Regional needs and drivers for  
transforming vaccination: **EASTERN MEDITERRANEAN**



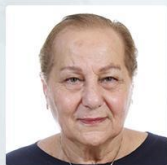
**Date 3 December Time 14:00 – 15:30 CET**

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### Moderator

**Nadia Al Mazrouei**  
President  
EMROPharm Forum  
(UAE)



### Co - moderator

**Samira Shammass**  
Vice President  
FIP  
(Jordan)



### Special Guest

**Adi Al-Nuseirat**  
Technical Officer  
WHO  
Eastern Mediterranean  
Regional Office  
(Egypt)



### Speaker

**Faraz Ashraf**  
Deputy director pharmacy / Joint  
Secretary of Pakistan Pharmacists  
Association  
The children's hospital and the  
institute of child health, lahore  
(Pakistan)



### Speaker

**Alaa Hayallah**  
President  
Pharmacists Syndicate  
in Assiut  
(Egypt)



### Speaker

**Ziad Nassour**  
President  
Lebanese Order  
of Pharmacists  
(Lebanon)



### Speaker

**Zeid Kilani**  
President  
Jordanian Pharmacists  
Association  
(Jordan)



### Speaker

**Mohammed Al-Nuzili**  
Governing Board President  
Yemen Community Pharmacy  
Syndicate  
(Yemen)

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

# Speaker 1



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## Ziad Nassour

*Former President of the Lebanese Order of Pharmacists  
/ Member  
Lebanese Order of Pharmacists*



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# Vaccination situation in LEBANON :



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- 2 TYPES OF VACCINES :

- pediatrics .

- adults ----- tourism ( Adha )

- regular ( for flu or high risk patients )

- Regulations :

Pharmacists in Lebanon are eligible to only dispense vaccines upon prescription and not allowed by law to vaccinate .



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# ACCESS PERSPECTIVE of PEDIATRICS VACCINATIONS :



- - Pediatrics :

70 % of pediatrics vaccinations are being provided to public sector under the National Immunization Program ( NIP ) for free .

- Remaining 30 %

are illegally provided at the private clinics of physicians at high costs to the patients, historically these vaccines used to be delivered directly to the pediatricians against the law . At 2020 OPL ( Lebanese Order of Pharmacists ) managed to issue a memo from the Ministry of Health stating that the vaccines should be delivered from the importers to the pharmacy who in return will dispense the vaccines to the patients upon prescription of the physician according to the actual law . This put at rage the Pediatricians .



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# ACCESS PERSPECTIVE TO ADULTS VACCINATIONS :



- Tourism vaccines : are given at the airport to the travellers at full price by the ministry of health . No direct impact at the pharmacist's level .
- Flu vaccines : historically ,these vaccines were dispensed or administered to patients directly at the pharmacy level . This year OPL managed also to issue a memo from the ministry of health to allow the pharmacists to administer these vaccines .we had a little shortage due to covid 19 issue .All of the population rushed to do the flu vaccine . So we had to work with the importers to insure equity in vaccines distribution . Again this put at rage the physicians.
- Vaccination for high risk people : we had no shortage, access available and pharmacist's role was direct in the awareness of the patients only .



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# BARRIERS FACING PHARMACY VACCINATION EVOLUTION IN LEBANON :

- - As a result of the latest progress in limiting pediatric and adult vaccines dispensing at the pharmacy level , physicians started lobbying to change the law in Lebanon .they want to remove the vaccines from the international classification as a medicine .if they succeed , then the vaccine shall not be considered as a medicine ,it will not be registered at the ministry of health , nor studied by the technical committee ,nor have a fixed price ,and could be bought by them directly from the importers and sold by them directly to the patients . It will be as if we did not separate the profession of physician and pharmacist 200 years ago .The Lebanese Order of pharmacist stopped these lobbying at the parliament with the help of the Minister of health .but they did not rest yet .



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# SUPPORT NEEDED TO FACILITATE PROGRESSION OF VACCINATION BY PHARMACISTS : FUTURE VISION



## PRINCIPLE :

The most important role of the pharmacist beside dispensing the medicine , is his role in the prevention ,awareness education of the patients in order to reduce the diseases and if we want to vaccinate the largest population possible , we should amend the law ,allowing the pharmacist to administer the vaccine to the patient . But before that we should train the pharmacist and allow him to obtain a certificate to be able to vaccinate patients.

We highly recommend also a common declaration between WHO and FIP ASKING ALL THE GOVERNMENTS TO CHANGE THE LAW IN FAVOR OF ALLOWING THE TRAINED PHARMACIST TO ADMINISTER THE VACCINES TO THE POPULATION .

AT last sharing experiences with countries that succeeded this transformation .



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# Speaker 2

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## Alaa Hayallah

*President  
Assiut Pharmacists Syndicate Chairman*

*Vice Dean For Education & student affairs, Faculty of  
Pharmacy, Sphinx Uni.*



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# Overview

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- ◆ Vaccination
- ◆ Role of Pharmacists
- ◆ Improvement of Pharmacists role
- ◆ Obstacles of Pharmacist participation
- ◆ Support of FIP
- ◆ Society culture about Vaccination



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# Vaccination

Immunization is a global health and development success story, saving millions of lives every year. Vaccines reduce risks of getting a disease by working with your body's natural defenses to build protection. When you get a vaccine, your immune system responds.

We now have vaccines to prevent more than 20 life-threatening diseases, helping people of all ages live longer, healthier lives. Immunization currently prevents 2-3 million deaths every year from diseases like diphtheria, tetanus, pertussis, influenza and measles.



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# Role of Pharmacists



Pharmacists' role in vaccination has expanded in some countries with pharmacists having greater authority to perform various immunization activities, from vaccine storage, vaccine adverse event reporting, vaccination education and advocacy, to vaccine administration. However, pharmacists' present involvement in vaccination services is poorly understood across low- and middle-income countries (LMICs).

Pharmacists have the potential to play an important role in increasing access to vaccines and improving coverage, yet evidence of their role in vaccinations remains limited across LMICs. Greater documentation of pharmacists' involvement in vaccination services in LMICs is needed to demonstrate the value of successful integration of pharmacists in immunization programs



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# Improvement of Pharmacists role & Support of FIP



- Pharmacy-based immunization training for pharmacists
- Community pharmacists are valuable sources of information for patients
- As vaccine educators, pharmacists act to educate and recommend to the patients the importance of and need for receiving vaccinations.
- Community pharmacists also educate the community through awareness campaigns and distributing literature on the need for vaccination and where to obtain the needed vaccinations
- We need an active immunizing pharmacists



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# Society culture about Vaccination



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- People who refuse vaccinations violate the 'clean hands principle', a (in this case, enforceable) moral principle that prohibits people from participating in the collective imposition of unjust harm or risk of harm. In a libertarian framework, individuals may be forced to accept certain vaccines not because they have an enforceable duty to serve the common, and not because cost-benefit analysis recommends it, but because anti-vaxxers are wrongfully imposing undue harm upon others.

*Jason Brennan*

Department of Strategy, Economics, Ethics, and Public Policy, Georgetown University, J Med. Ethics 20018



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# Speaker 3

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## Zeid Kilani

*President  
Jordanian Pharmacists Association*



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# Our mission

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Our **Mission** is to support pharmacists to play a major role as part of the healthcare providers by enabling their role in primary healthcare, where everyone has easy access to effective and affordable vaccines, saving the patients' time and energy .



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# Review

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- In October 2018, 2000 delegates from more than 120 countries renewed the commitment to comprehensive primary health care for all with the Astana declaration.
- JPA has adopted the Astana declaration of transforming pharmacy profession of community pharmacists role effective and safe use of medicine into the new role of promoting primary health as a primary healthcare providers.
- Building upon Astana declaration, JPA has run a situational analysis, in which showed that the pharmacist is precluded from administering vaccines.



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# Frame work

- In collaboration with FIP, we have signed the Amman commitment to action on primary health care , that mandate transformation strategies and programs.



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# History



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- Based on the commitments' article that states "To encourage our pharmacy workforce to contribute more to primary health care through the supply of quality medicines, improving medicines adherence and administering medicines and vaccinations." we have formed a vaccination committee to follow up with all the stakeholders, to adjust the legislation to enable and qualify pharmacists administering influenza vaccines.
- JPA has formed a specific committee advocating immunization in 2018, which was led by Dr. Samira Shammas; chairperson of the immunization advocacy program and FIP vice president, Along with other colleagues from community pharmacists, Academics, clinical pharmacists and researchers.



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# The JPA plan, Strategy and goals.

- Our plan was to prepare vaccination guidelines and protocols for Pharmacists.
- In April 2019, we have issued our first booklet titled “Jordan community pharmacist immunization guidelines” prepared by our immunization advocacy committee. Adopting and adapting best practices around the world.
- We offered many workshops to enable pharmacists administer flu vaccines.
- Awareness and educational workshops given to pharmacists.



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# Achievements



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Three vaccination campaigns were conducted by a group of pharmacists to the elderly in nursing homes in Amman and Zarqa





# Achievements

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- In 2019, we fought hard to enable pharmacist to administer vaccines in the community pharmacies.
- Meetings and official letters have been organized and sent out to the MOH and JFDA to gain approvals and to legislate vaccines given in Pharmacies by Pharmacists.
- Jordan has recorded few cases in H1N1 virus, and was given exceptional approval that year to administer its vaccines in community pharmacies.



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# BREAKING NEWS!



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## In 2020, Pharmacists in Jordan to administer influenza's vaccine.

- Influenza vaccinations can now be administered by pharmacists in Jordan, thanks to new legislations and huge efforts that has been put in, which is a stepping stone to wider service provision.
- Pharmacists need to hold a certificate from JPA confirming their competency to vaccinate, and pharmacy must be registered by Jordan Drug food Association



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# Main Challenges

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- The Approval for administering the flu vaccines was conditioned to flu and seasonal vaccines only.
- The national vaccination program for children provided by the government has not been accepted to the pharmacists, as it is given by the pediatrician and GPs.
- The majority of Pharmacies may not have the space to use a private room with a suitable bed/chair for vaccination.



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# Speaker 4

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**Faraz Ashraf**

*Deputy Director Pharmacy*

*Joint Secretary of Pakistan Pharmacists Association*



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## Dr. Faraz Ashraf

Deputy Director Pharmacy/  
Deputy Drugs Controller/  
Provincial Inspector of Drugs

The Children's Hospital &  
The Institute of Child Health,  
Lahore, Pakistan.



The Children's Hospital, Lahore,  
Pakistan



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# What is Vaccination

- (WHO) Vaccination is a simple, safe, and effective way of protecting people against harmful diseases, before they come into contact with them. It uses your body's natural defenses to build resistance to specific infections and makes your immune system stronger.
- Vaccines train your immune system to create antibodies, just as it does when it's exposed to a disease. However, because vaccines contain only killed or weakened forms of germs like viruses or bacteria, they do not cause the disease or put you at risk of its complications.
- Most vaccines are given by an injection, but some are given orally (by mouth) or sprayed into the nose.



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# Procedures of Vaccination in Pakistan

- The Expanded Program of Immunization (EPI)
- Private Hospitals and Clinics also provide vaccination.
- The success and failures of the EPI in Pakistan have been shaped by the social, political and environmental landscape.
- The main aim of the program when it was set up in 1978 was to prevent deaths, and after initial success, set to eliminate
- Polio and measles and neonatal tetanus.



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Disease	Cause of infection	Vaccine	Doses	Age of administration
Childhood TB	Bacteria	BCG	1	Soon after birth
Poliomyelitis	Virus	OPV+IPV	4+1	OPV0: soon after birth OPV1: 6 wks OPV2: 10 wks OPV3 and IPV: 14 wks
Rota Diarrhea	Virus	Rota	2	Rota1: 6 wks Rota2: 10 wks
Pneumonia and meningitis due to <i>S. pneumoniae</i>	Bacteria	Pnumococcal conjugate vaccine (PCV10)	3	Pneumo1: 6 wks Pneumo2: 10 wks Pneumo3: 14 wks
Diphtheria	Bacteria	Pentavalent vaccine (DTP+Hep B + Hib)	3	Penta1: 6 wks Penta2: 10 wks Penta3: 14 wks
Tetanus	Bacteria			
Pertussis	Bacteria			
Hepatitis B	Virus			
Hib pneumonia and meningitis	Bacteria			
Measles	Virus	Measles	2	Measles1: 09 months Measles2: 15 months

# Issues Faced



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1. People don't believe in Vaccination.
2. Limited number of commercial and government health plans
3. Lack of patient shared record system
4. Financial Barriers
5. Political barriers.
6. Lack of trainings.
7. Threats to EPI workers including life threats.
8. Vaccination rate decreased in Covid-19
9. No proper role of Pharmacist in the Vaccination in Pakistan.



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# Possible Solutions

- Establishment of vaccination centers in the community pharmacy setups.
- Incorporation of Pharmacists in vaccination plans at very first healthcare facilities like clinics and healthcare centers for the proper utilization of vaccination processes.
- Professional Pharmaceutical Associations to engage Health Ministries for the realization of vaccination alongwith the importance of Pharmacist in the system.
- Awareness programs for parents at different levels including maternity homes and mother and child-care centers.



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## Possible Solutions / Pharmacist's Role



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- WHO and other organizations while announcing the vaccination procedures and guidelines, and projects in different countries like Pakistan must ensure the incorporation of Pharmacist in the project. E.g. Polio, Rota-Virus, Etc
- Undergraduate trainings on vaccination and inclusion of vaccine protocols in the course outline of Pharm-D.
- Pharmacists can arrange medical camps either for the provision of information to general public or to provide vaccination when and if allowed by the MOH.



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## Speaker 5



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## Mohammed Al-Nuzili

*Governing Board President*

Yemen Community Pharmacy Syndicate



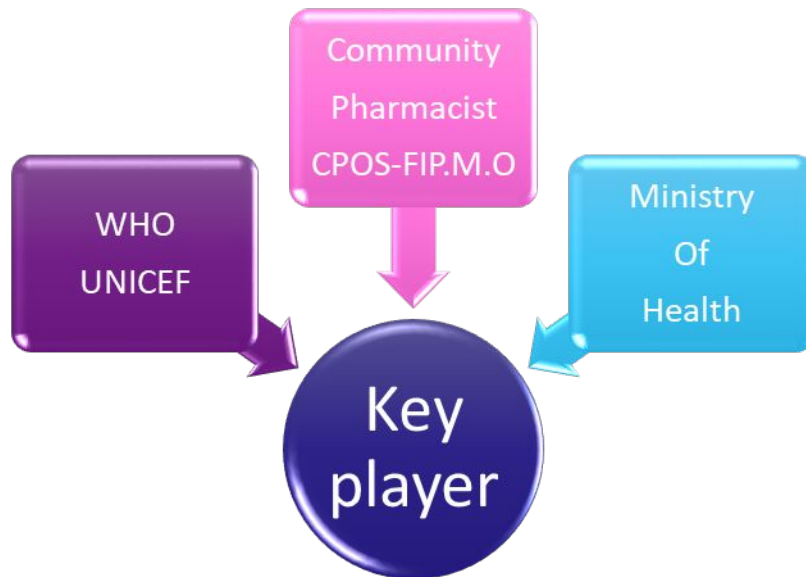
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# Building a Driver-based model

Based on SWOT situational analysis.

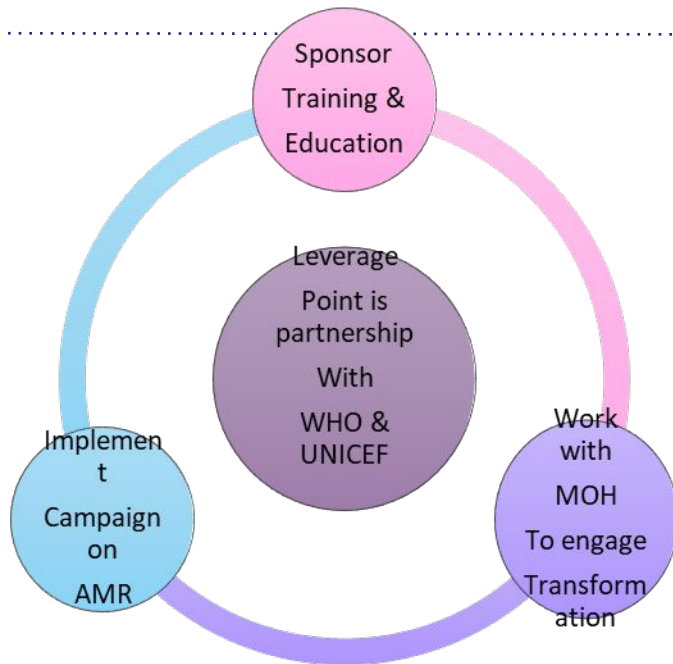


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## Leverage point



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# “Vaccine Transformation “

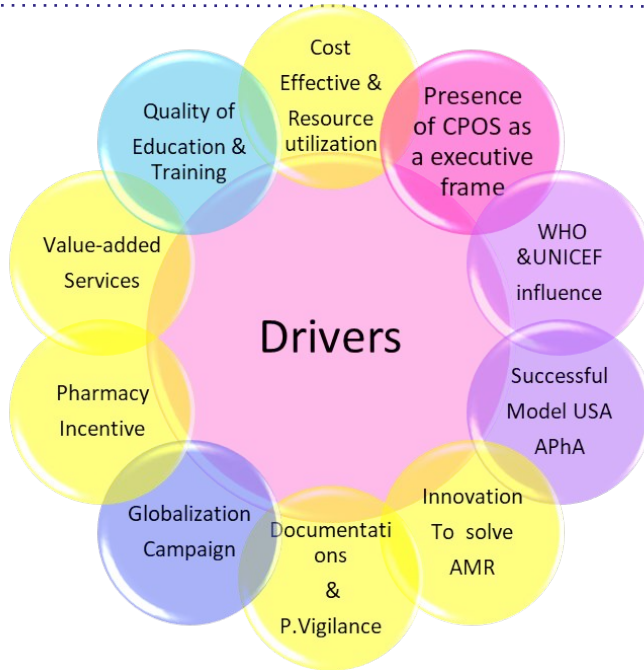
that satisfy the **Perspectives of societal needs**



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## Priorities

- Start to build a partnership with WHO&UNICEF as sponsor .
- Start to Prepare suitable Educational & Training program for work force that impact on service Quality and excellence
- Implement action plan for “awareness campaign” to get sound sharing regarding AMR and role of vaccination and to minimize the risk for hesitancy , anti-science & mis-information with HCP – KOL like “physicians , pharmacist, Microbiologist ,nurses ,academics &health educators “under the supervision of MOH& local authority



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participating!

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# WHO – Reflections (Special Guest)

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**Adi Al-Nuseirat**

*Technical Officer*

*WHO Eastern  
Mediterranean Regional  
Office*



**World Health  
Organization**



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



## Episode 4

### Regional needs and drivers for transforming vaccination: **WESTERN PACIFIC**



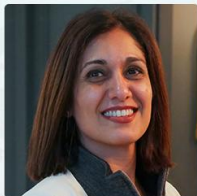
**Date** 8 December **Time** 09:00 - 10:30 CET

Funded by a charitable  
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#### **Moderator** **John Jackson**

President  
Western Pacific Pharmaceutical Forum  
(Australia)



#### **Co - moderator** **Parisa Aslani**

Vice-President, FIP  
Professor in Medicines Use Optimisation  
The University of Sydney  
(Australia)



#### **Facilitator** **Gonçalo Sousa Pinto**

Lead for Practice Development  
and Transformation  
FIP  
(Spain)



#### **Speaker** **Peter Guthrey**

Senior Pharmacist- Strategic Policy  
Pharmaceutical Society of Australia  
(Australia)



#### **Speaker** **Gilda Sebuja-Saljaj**

President  
Philippine Pharmacists Association  
(Philippines)



#### **Speaker** **Scarlett Pong**

President  
The Pharmaceutical Society  
of Hong Kong, PSHK  
(Hong Kong)





#TransformingVaccination

PROGRAMME FINALE



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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)

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[webinars@fip.org](mailto:webinars@fip.org)