



Under the patronage of Order of the Pharmacists of Lebanon and the supervisor of the Institut Supérieur de Santé-Saint Joseph University and the sponsor of the International Pharmaceutical Federation

# Antimicrobial Stewardship Educational Programme in Community Pharmacy

Pre –registration is required.

## PROGRAM INFORMATION

### Overview

The “Antimicrobial Stewardship Educational Program in Community Pharmacy” is a platform for discussing recent advances in understanding the cause, and ways of mitigation of Antimicrobial Resistance. It is aimed at empowering pharmacists in education and knowledge to enhance the rational use of antimicrobials in the community.

### Objectives

The purpose of this program is not only to improve pharmacists’ knowledge and performance’s but to lead to better engagement with the individuals visiting their pharmacies educating them about AMR and how to reduce misuse or overuse of antimicrobials.

Pharmacists will gain these competencies:

- Competency 1 – infection prevention and control
- Competency 2 – antimicrobial resistance, microbes and antimicrobials.
- Competency 3 – Principles of antimicrobial therapy.
- Competency 4 – antimicrobial stewardship in primary healthcare settings.
- Competency 5: surveillance in AMR.
- Competency 6 – Future directions in the AMR mitigation.

### Target Audience

The main audience for this program is community pharmacists. Hospital pharmacists, industry pharmacists, clinical pharmacists, young researchers, postgraduates, trainees, are also invited

### Date and location

This program is an online self-paced course that is divided into three phases:

1. *Phase one:* a recorded introductory workshop entitled: “Awareness and adherence in the treatment in communicable diseases: Pharmacists combatting Antimicrobial Resistance”.
2. *Phase two:* Dissemination of self-learning educational materials: six modules on AMR and AMS:

Module 1: Introduction- Pharmacists, AMS and Public Health

Module 2: Tackling AMR -causes and mechanisms of AMR

Module 3: General principles for Antimicrobial Stewardship in primary care: focus on pharmacists and pharmacies.

Module 4: Optimizing antimicrobial use in primary care

Module 5: Surveillance and monitoring of antimicrobials: the One Health Approach

Module 6: Collaborative approaches and future directions

The teaching materials of these self-learning modules include illustrative and explanative tables, figures and tables, case studies and links to webpages and videos to more detailed information.

3. *Phase three:* A recorded webinar discussing case presentations

A virtual Q&A session will be scheduled at the closure of the course.

### Accreditation

This activity also complies with the Lebanese Order of Pharmacists (OPL) in Lebanon’s continuing education guidelines. The program grants 5 CE credits.

This program is accredited the International Pharmaceutical Federation seal

### Registration

Registration is free. Pre-registration is mandatory.

### Contact information

The Order of Lebanese Pharmacists (OPL)

Beirut-Lebanon

Web: [www.opl.org.lb](http://www.opl.org.lb)

Email: luna.bizri@net.usj.edu.lb

### Course outline

Topic	Hours	Remarks
Self-evaluation (pre-test)		
Introductory workshop 1. Session one: introduction 2. Session two: Awareness and Adherence in Treatment in Communicable Diseases – Antimicrobial stewardship battling antimicrobial resistance 3. Session three: Empowering Community Pharmacists: Champions of Antimicrobial Stewardship	70 minutes	Speakers: Dr Luna El Bizri-PhD Public Health,Pharm.D,Clinical Assistant Professor-Community Pharmacist Dr Nisrine Hadad Sarkis Pharm.D., BCPS Senior Antimicrobial Stewardship Pharmacist Dr Ahmad El Ouweini, PharmD, BCPS' Clinical Lecturer, Department of Pharmacy Practice
Self-learning Modules Module 1: Introduction- Pharmacists, AMS and Public Health Module 2: Tackling AMR -causes and mechanisms of AMR Module 3: General principles for Antimicrobial Stewardship in primary care: focus on pharmacists and pharmacies. Module 4: Optimizing antimicrobial use in primary care Module 5: Surveillance and monitoring of antimicrobials: the One Health Approach Module 6: Collaborative approaches and future directions The teaching materials of these self-learning modules include illustrative and explanative tables, figures and tables, case studies and links to webpages and videos to more detailed information.	3 hours	The self-learning interval period lasts for one month respecting the busy community pharmacists' schedule.
Recorded online webinar : Advancing Pharmacy practices in antimicrobial dispensing and patient education Session one: Community Practice: Otitis Media Treatment in Children. Session two: Community Practice: Uncomplicated Cystitis Treatment in Females	1 hour	Speakers: Dr Luna El Bizri-PhD Public Health,Pharm.D, Clinical Assistant Professor-Community Pharmacist Dr Jihan Safwan- Pharm-D, Clinical Associate Professor.
Self-evaluation (post-test)		