79th FIP World Congress of Pharmacy and Pharmaceutical Sciences

Abu Dhabi,
United Arab Emirates
22 - 26 September 2019

New horizons for pharmacy —
Navigating winds of change





SPONSORS

We gratefully acknowledge the support of:

Pfizer

Pfizer

Upjohn
A Pfizer Division

rb
HEALTH HYGIENE HOME

gsk

Supporting bodies

UNITED ARAB EMIRATES
MINISTRY OF HEALTH & PREVENTION

الإمارات العربية المتحدة
وزارة الصحة ووقاية المجتمع

EMA
EMIRATES MEDICAL ASSOCIATION

هيئة الصحة بدبي
DUBAI HEALTH AUTHORITY

Abu Dhabi
مكتب المؤتمرات
CONVENTION BUREAU

ADNEC



79th FIP World Congress of Pharmacy and Pharmaceutical Sciences

Abu Dhabi,
United Arab Emirates
22 - 26 September 2019

Congress Programme



Venue
ADNEC —
Abu Dhabi National Exhibition Centre
Khaleej El Arabi Street
Abu Dhabi, UAE
adnec.ae

Your hosts
The International Pharmaceutical Federation (FIP) together with
The Emirates Pharmacy Society (EPS)

fip
ABU DHABI 2019
FIP WORLD CONGRESS
22-26 September

EMIRATES Pharmacy Society

WELCOME

Dear Colleagues and Friends,

The International Pharmaceutical Federation (FIP) and the Emirates Pharmacy Society (EPS) are excited and honoured to host you here in Abu Dhabi, for FIP's 79th annual congress, the World Congress of Pharmacy and Pharmaceutical Sciences!

New trends in science, practice and education are creating new horizons for the pharmacy profession. Innovations in technology, such as robotics and digitalisation of healthcare, are changing the role of healthcare professionals, scientists and educators. New skills, knowledge and attitudes need to be developed by pharmacists, pharmaceutical scientists and pharmacy educators around the world to adapt to these new roles. In the process, we also need to embrace the opportunities and the challenges associated with change.

Change is constant and so we need to maintain momentum and dedicate our resources to assure healthcare delivery to our clients, patients and communities. People need to be empowered and included in the process of care, which should be both evidence-based and innovative.

Navigating the winds of change is always challenging. Quality and safety must not be compromised as we experiment with new opportunities. Open and honest communication is needed, not only within and between the healthcare professions, but also with colleagues in supporting areas such as research science, information technology, regulatory science and education. Only by connecting with each other can we maintain professionalism and public trust.

The FIP world congress in Abu Dhabi in 2019 will offer a collaborative platform for scientists, researchers, practitioners, educators and students of pharmacy to be inspired and prepared for new achievements in a world of change. In the next few days, plenary sessions, panel discussions, interactive workshops and networking will provide you with an up-to-date overview of new concepts and tools to advance the field of pharmacy.

Welcome to this festival of discovery and inspiration — the future of the profession is bright!







Dominique Jordan
President,
International Pharmaceutical Federation (FIP)

Mariam Galadari
President,
Emirates Pharmacy Society (EPS)

INTRODUCTION

International Pharmaceutical Federation (FIP)

The International Pharmaceutical Federation (FIP) is the global body representing pharmacy practice, pharmaceutical sciences and pharmacy education, founded in 1912.

Through our 144 member organisations (established in 104 countries and territories), 21 observer organisations, academic institutional members and individual members, we represent over four million pharmacists and pharmaceutical scientists around the world.

FIP is a non-governmental organisation that has been in official relations with the World Health Organization since 1948. Through our partnerships and our extensive global pharmacy and pharmaceutical sciences network, we work to support the development of the pharmacy profession, through practice and emerging scientific innovations. Our vision is a world where everyone benefits from access to safe, effective, quality and affordable medicines and pharmaceutical care.

Emirates Pharmacy Society (EPS)

The Emirates Pharmacy Society, under the umbrella of the Emirates Medical Association, represents a well-developed pharmaceutical sector in the UAE, that provides advanced services on par with the best international standards.

In addition to enabling advanced treatments and medication for all, the country also offers enhanced distribution channels for all types of drugs. The EPS is also well-connected with key pharmaceutical research institutions and accreditation agencies, allowing them to respond promptly and efficiently to any crisis that may hit the global pharma sector. The UAE in general, and Abu Dhabi in particular, have built an excellent infrastructure and the best-in-class facilities to host high-profile international events and ensure their success.

With this global event in Abu Dhabi, the EPS will provide pharmaceutical professionals an opportunity to network with major players in pharmaceutical sectors and exchange knowledge. It will offer valuable insight into the latest developments in pharmaceutical sciences and update participants on the rights of both pharmaceutical manufacturers and consumers.

YOUR HOSTS

Your hosts

International Pharmaceutical Federation (FIP)
Dominique Jordan / President
Catherine Duggan / Chief Executive Officer
Carmen Peña / Immediate Past President
Ema Paulino / Professional Secretary
Giovanni Pauletti / Scientific Secretary
William Charman / FIPEd Chair
Paul Sinclair / Chair, Board of Pharmaceutical Practice
Tatsuro Irimura / Chair, Board of Pharmaceutical Sciences
Linda Hakes / Vice President
Carlos Lacava / Vice President
Thomas Menighan / Vice President
Samira Shammas / Vice President
Ashok Soni / Vice President
Jacqueline Surugue / Vice President
Eeva Teräsalmi / Vice President
Kamal Midha / Honorary President
Joseph Oddis / Honorary President
Dieter Steinbach / Honorary President

FIP programme committee
Lars-Åke Söderlund / Co-Chair
Michael Ward / Co-Chair
Ema Paulino / Professional Secretary
Giovanni Pauletti / Scientific Secretary
Ralph Altiere / Member
Betty Chaar / Member
Hiroshi Suzuki / Member
Tetsuya Ozeki / Member
Toyin Tofade / Member
Mary Wang / Member
Zuzana Kusynová / Lead for Policy, Practice and Compliance
Paula Cohen / Secretary

Local host committee – Emirates Pharmacy Society (EPS)
Maryam Galadari / President of EPS & FIP Host Committee
Nadia Al Mazrouei / Vice President of EPS & FIP General Coordinator
Ranya Shaban / General Secretary of EPS & FIP Media Committee
Wael Ali / International Affairs
Ayman Nour El Din / Academic Committee (Global Academic Leaders Forum)
Mohamed Bani Yas / Academic Committee
Saeed Abdullah / Scientific Committee Chairperson
Osama Ibrahim / Scientific Committee (Pharmacy in the GCC programme)
Maisoun Al Kaabi / Scientific Committee
Fatma Al Breiki / Scientific Committee
Adel Sadeq / Scientific Committee
Salah Abu Al Roz / Scientific Committee
Ghada Shehadeh / Scientific Committee
Suhail Fateeh / Scientific Committee
Malak Abu Shadid / Scientific Committee
Mai Alqubaisi / Scientific Committee
Sahar Abu Omer / Scientific Committee
Najeba Al Shezawi / Media Committee
Mona Mosali / Media Committee
Ola Al Ahdab / Cultural Committee Chairperson
Mubarak Al Ameri / Cultural Committee
Mohammed Magori / Cultural Committee
Mazen Othman / Cultural Committee
Saed Al Shamli / Social Committee
Badoor Al Hammadi / Social Committee
Amal Al Harbi / Social Committee
Saba Al Jasmi / Social Committee

FIP headquarters
Catherine Duggan / Chief Executive Officer
Lina Bader / Lead for Workforce Transformation and Development
Branka Brglez / Membership Engagement Manager and Data/Business Analyst
Paula Cohen / Board Support and Coordinator
Daria Kargopoltseva / Marketing Coordinator
Zuzana Kusynová / Lead for Policy, Practice and Compliance
Adlan Magomedov / Communications and Multimedia Manager
Lidia Soria / Communications and Marketing Assistant
Gonçalo Sousa Pinto / Lead for Practice Development, Advocacy and Data Management
Mireille Swakhoven / Senior Congress Manager
Carola van der Hoeff / Chief Operating Officer and Congress Director
Rachel van Kesteren / Executive Secretary
Nilhan Uzman / Lead for Education Policy and Implementation
Lin-Nam Wang / Head of Communications and Marketing

Congress information

FIP Congresses & Conferences
Andries Bickerweg 5
2517 JP The Hague
The Netherlands
Office opening hours:
Monday to Friday 09:00 – 17:00 CET
–
T +31 70 302 19 82
F +31 70 302 19 98
congress@fip.org
abudhabi2019.congress.pharmacy



Congress registration, abstract handling

MCI Amsterdam
Schipluidenlaan 4
1062 HE Amsterdam
The Netherlands
Office opening hours:
Monday to Friday 09:00 – 17:00 CET
–
T +31 20 5754220
fip@mci-group.com

Housing, tours & exhibition

MCI UAE
Office Suite 902, 09th Floor
Dubai World Trade Centre
P.O. Box 124752
Dubai, United Arab Emirates
–
T +971 (4) 311 63 00
FIP2019Abudhabi@mci-group.com
www.mci-group.ae

Official carrier



7th FIP Pharmaceutical Sciences World Congress (PSWC)

Montreal, Canada
22-27 May 2020

PSWC 2020: REGISTRATION OPENS ON 15 OCTOBER



Smart therapeutics for a complex world

We live in exciting times. More than ever, innovation is emerging at the interface of disciplines. PSWC 2020 invites you to come to vibrant Montreal, Canada, to network with leading experts from across the world, compare best practices and learn about the latest trends in pharmaceutical sciences:

- How to meet the specific challenges of emerging therapeutic modalities, from small molecules to biologics to cell-based therapies to genome editing.
- How artificial intelligence (A.I.), with its ability to detect patterns in large data sets, learn from experience and assist decisions processes, is poised to bring pharmaceutical sciences and pharmacy practice into a new era.
- How comparative effectiveness research using real-world evidence and observational studies of pharmacy practice may contribute to the effective implementation of therapeutic innovations in a context-appropriate manner in communities around the world.
- How to promote a healthy regulatory and business ecosystem allowing effective translational research and long-term career development in pharmaceutical sciences.

Come to Montreal for PSWC 2020 and share the vision of smart therapeutics!
https://pswc2020.congress.pharmacy

MONTREAL PSWC 2020
22-27 May

General Information
FIP Congresses & Conferences
T +31 (0) 70 302 19 82
F +31 (0) 70 302 19 99
pswc@fip.org
www.fip.org

Your Hosts

fip International Pharmaceutical Federation

CSPS
Canadian Society for Pharmaceutical Sciences (CSPS)
275 Bay Street
Ottawa, ON K1R 5Z5
Canada
www.cspscanada.org

Université de Montréal
Université de Montréal (UdeM)
Faculty of pharmacy
2940, Chemin de la Polytechnique
Montréal (Québec), H3T 1J4
Canada
www.umontreal.ca



According to a real-world, Pfizer-sponsored survey in four countries*

A majority of men with Erectile Dysfunction (ED) **plan for sexual intercourse**[1]

ED & NCDs

ED was associated with **non-communicable diseases** (NCDs) including **high cholesterol, high blood pressure, diabetes mellitus,** and **depression**[1]

Men with erectile dysfunction (ED) took ED medication **only 5.7 days per month** (mean)[1]

At least **3 out of 4 ED medication users (75%), plan** a specific time in advance to have sexual intercourse always or sometimes[1]



93% of men initiated intercourse **within 4 hours** after taking an oral ED medication[1]

*Australia, Egypt, Mexico, and the UK.

Reference: 1. Dean J, El-Sakka A, Donde S, Harshman-Smith C, and Hassan T. Understanding the sexual habits of men taking medication for erectile dysfunction: survey results from Australia, Egypt, Mexico, and the United Kingdom [abstract MP40-13]. *J Urol.* 2019;201(4S):e592.

Pfizer Upjohn A Pfizer Division | Urology

PP-VIA-GLB-0597 © Upjohn, a Pfizer Inc. Division All rights reserved. August 2019

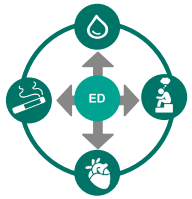
ED GEM
Erectile Dysfunction Guidelines for Evaluation & Management

2018 Process of Care Model for **Evaluation** and **Management** of **Erectile Dysfunction** (ED)

The first process of Care Model was developed in 1999 and since then **much has changed in the diagnosis and management of ED**[1,2]

To address the changes, a cross-disciplinary group of international experts met to propose **data-driven, evidence-based updates** from a global perspective[1,2]

Key Update Takeaways



ED is now recognized as an early manifesting **sign of other potential noncommunicable diseases (NCDs)** including cardiovascular disease, diabetes mellitus, and depression or anxiety[1]



PDE5Is are recommended as **first-line pharmacotherapy**[2]

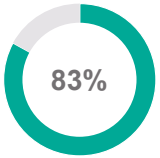
- Individual patient factors can guide selection and dosage, along with the need for sexual counseling[2]
- **Planned sexual intercourse** can impact the choice of on-demand vs. daily ED therapies[2]



Provide the option to **include the sexual partner** in discussions of ED treatment[2]

ED GEM
Erectile Dysfunction Guidelines for Evaluation & Management

Sexual Habits Survey: **Most Sex Is Planned**

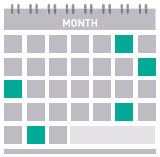


A recent multinational survey of men taking ED medication showed that most men plan intercourse in advance[1]

- **83% of men with ED always or sometimes planned** sexual intercourse in advance
- Of those who planned, **71% planned a specific time** (up to several hours in advance)



Approximately 70% of men with ED initiated intercourse **within 1 hour of taking ED medication**, and 96% initiated intercourse within 4 hours of dosing[1]



Sexual intercourse was reported at a median frequency of only 6 times per month[1]

- ED medication was used a **median of only 5 times per month**
- **93%** of men achieved successful sexual intercourse at **Grade 4** erection hardness score

References: **1**. Mulhall JP, Giraldi A, Hackett G, et al. The 2018 Revision to the Process of Care Model for Management of Erectile Dysfunction. *J Sex Med.* 2018;15(10):1434-1445. **2**. Mulhall JP, Giraldi A, Hackett G, et al. The 2018 Revision to the Process of Care Model for Evaluation of Erectile Dysfunction. *J Sex Med.* 2018;15(10):1280-1292.

Pfizer Upjohn A Pfizer Division | Urology

PP-VIA-GLB-0595 © Upjohn, a Pfizer Inc. Division All rights reserved. August 2019



CONTENTS

Sponsors	2
Welcome	4
Introduction of FIP and EPS	5
Your hosts	6
On-site registration	14
Accreditation	16
Exhibition	18
General events	19
Poster sessions	20
Social events	22
Sessions overview	23
Sessions programme	29
Additional programme items	100
General information	110
Voting pages YES / NO	112
Floor plan ADNEC	BACKSIDE COVER

ON-SITE REGISTRATION

On-site fees

	incl. 5% VAT
Full congress registration	
FIP individual member	€ 1.200,00
Regular fee (non member)	€ 1.200,00
Student/Recent graduate	€ 1.200,00
Combination congress – Global Academic Leaders Forum	
AIM member	€ 800,00
Regular fee (non AIM member)	€ 1.200,00
Combination congress – Pharmacy Technicians Symposium	€ 1.200,00
Social events	
Young Pharmacists' Group Night	€ 35,00
Section Dinner	€ 60,00
Closing Dinner	€ 95,00
Accompanying person	€ 210,00
Day card	€ 360,00



On-site payment of registration fees can be made:
Credit cards (Visa, Mastercard or American Express) or cash (in Euros or US dollars) will be accepted.

The International Pharmaceutical Federation (FIP) and MCI Amsterdam are compliant with the

EU General Data Protection Regulation (GDPR)

in the way we collect, use and store your data.

For our privacy policy, please visit our websites:
fip.org
mci-group.com

The registration fee for *participants* includes:
- Admission to all sessions
- Opening ceremony
- Welcome reception
- Access to the exhibition and the poster session
- Coffee/tea breaks
- Lunch (from Monday 23 to Thursday 26 September)
- Access to all submitted abstracts and biographies as of 1 September 2019
- Congress bag with final congress programme
- Access to the congress app including the list of participants (name and country)
- Access to a website where you can download the presentation slides of the speakers who gave access permission (available as of 1 November 2019)

The registration fee for *accompanying persons* includes:
- Opening ceremony
- Welcome reception
- Access to the exhibition and the poster session
- Coffee/tea breaks
- Lunch (from Monday 23 to Thursday 26 September)
- Access to the congress app including the list of participants (name and country)

A participant can register up to two accompanying persons. The fee for accompanying persons does NOT include admission to the sessions.

On-site day cards
Day cards can be purchased on site.
Please note: It is not possible to exchange a full congress pre-registration into a day card.

Terms of cancellation

- As of 28 August 2019, the registration fee will not be refunded.
- The terms of cancellation are applicable in all circumstances, including if a visa is officially refused to the participant and/or accompanying person.
- All registrations are strictly personal: replacements or name changes are not possible.

Certificate of congress attendance

In order to avoid unnecessary printing, all participants will be emailed their certificate of congress attendance as a PDF within 10 days of the close of the congress. Accompanying persons do not receive a certificate of attendance.

Abstract certificate

If you would like to receive a certificate for your poster or oral presentation, please email fip@mci-group.com after the congress and you will receive your certificate (as a PDF) by email.

Registration desk

Atrium
The registration desk will be open:
Saturday 21 to Wednesday 25 September
08:00 – 18:00
Thursday 26 September
08:30 – 16:00



Insurance and liability disclaimer

The FIP Organising Committee, the Local Host Committee, FIP Headquarters and MCI Amsterdam (hereafter called the Organisers) may be not held responsible for any loss, injury or damage to any property, whatever the cause may be. Liability of persons and enterprises providing means of transportation or other services, however, remains unaffected. It is recommended that participants obtain adequate cover for travel, health and accident insurance before they depart from their countries. The Organisers cannot accept responsibility for personal injuries, or loss of, or damage to, private property belonging to the congress participants. Should, for any reason outside the Organisers' control (including but not limited to acts of terrorism, extreme weather conditions and/or industrial action) the venue or speakers change, or the congress be cancelled, the Organisers will endeavour to reschedule, but shall not be held responsible for any costs, damages or expenses incurred by registrants. If for any reason the Organisers decide to make changes to the congress, they are not responsible for airfares, hotels or other costs incurred by registrants. The participants take part in the congress, tours and trips at their own risk. Furthermore, the Organisers may not be held liable for any costs or damages incurred resulting from acts outside of their control including but not limited to force majeure, strikes and/or public manifestations. Only written arrangements are binding. The sole legal venue is The Hague. Registration of a participant entails acceptance of these conditions. In any disputes that may arise concerning the execution or interpretation of these regulations, both parties agree that they will be subject to Dutch law and that the commercial courts of The Hague will be competent, without prejudice to the Organisers' right to initiate proceedings under the laws and before the courts of the participant's registered office in the event any sums are due by the participant to FIP.

ACCREDITATION

Accreditation for continuing education

FIP's World Congress of Pharmacy and Pharmaceutical Sciences is accredited by the countries listed below.

A complete list is published on our website: ***abudhabi2019.congress.pharmacy***

Participants wishing to apply for continuing education credits should note the verification codes during the course of each session and make a declaration of their session attendance on our website abudhabi2019.congress.pharmacy before ***15 October 2019****. After this deadline it will NOT be possible to apply for continuing education credits.*

Austria

The congress sessions of the FIP world congress 2019 are automatically accredited in Austria, as agreed with the ÖAK (Österreichische Apothekerkammer / Federal Chamber of Pharmacists, number F20181101). Austrian participants are advised to note the verification codes during the course of each session and declare their session attendance via the specific link that will be published on our website after the congress.

Germany

The congress sessions have been accredited by the Federal Chamber of Pharmacists of Germany (Bundesapothekerkammer) for pharmacists and pharmaceutical technicians, according to the CPE-guideline of the Federal Chamber of Pharmacists as follows: 1 credit point/45 minutes of attendance of the congress sessions, limited to 8 points a day (maximum 32 points/participant). German participants are advised to note the verification codes during the course of each session and declare their confirmation of session attendance via the congress website. The participants may submit the certificate of attendance to their corresponding State Chamber of Pharmacists in order to ensure that the points will be counted for their CPE-Certificate.

Japan

The 2019 FIP congress is accredited by Council on Pharmacists Credentials (CPC) in Japan. The CPC providers award one point per 90 minutes of session, with a maximum of 3 points per day. However, please note that the specific counting policy may depend on providers in Japan and we advise the participants to contact them for precise information. Japanese participants are advised to note the verification codes during the course of each session and declare their session attendance via the specific link that will be published on our website after the congress.

Netherlands

The congress sessions are accredited by the Royal Dutch Association for the Advancement of Pharmacy (KNMP) for community pharmacists. They can list their participation in PE-online on the basis of the hours of attendance. The Dutch Registration Committee will honour these continuing education hours (max. 20 hours). Dutch participants are advised to note the verification codes during the course of each session and declare theirs session attendance via the specific link that will be published on our website after the congress.

North Macedonia *(Republic of)*

The 79th international congress of FIP is recognised as a valid form of continuing education by the Pharmaceutical Chamber of North Macedonia according to the Chamber's legal act. Participants from North Macedonia are advised to acquire a Certificate of Attendance.

Norway

The International FIP Congress is recognised as a valid form of continuing education by the Norwegian Pharmacists' Association. Participants are entitled to a maximum of 10 FEVU points.

Portugal

The 79th international congress of FIP is recognised as a valid form of continuing education by the Portuguese Pharmaceutical Society with a total of 2.55 Continuous Professional Development Credit Points. Portuguese participants are advised to note the verification codes during the course of each session and declare their session attendance via the congress website.

Sweden

The international FIP congress is recognised as a valid form of continuing education by the Swedish Pharmacists' Association. Participants are entitled to a maximum of 10 FOKUS points.

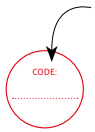
Switzerland

The accredited congress sessions are recognised as valid continuing education by FPH. Swiss participants are kindly asked to follow the instructions included in the final congress programme in order to get the FPH points accredited to their respective FPH account.

- Participants sending in their Confirmation of Attendance of the FIP world congress via email at info@fphch.org will obtain 100 FPH credits in total.
- Participants who would like to obtain credits for each session separately (according to the following scheme: 1 academic hour (45 min) = 6.25 FPH points) are required to note the verification codes during the course of each session and declare and declare their session attendance via the congress website.

United States

FIP is an ACPE-accredited provider of continuing pharmacy education. Participants wishing to be awarded with ACPE credits should note the verification codes during the course of each session and declare their session attendance via the specific link at abudhabi2019.congress.pharmacy before 15 October 2019. After this deadline will NOT be possible to apply for continuing education credits. When registering for the congress, please indicate your date of birth and your NABP number.
After CPE units are processed by the ACPE and National Association of Boards of Pharmacy, pharmacists will be able to login to a comprehensive electronic profile via the CPE monitor.



Please note that only selected sessions are ACPE accredited; they will be indicated by the code field next to the session. For the complete list of ACPE accredited sessions, please check the congress website.

EXHIBITION

Exhibitors

MONDAY 23 SEPTEMBER TO
WEDNESDAY 25 SEPTEMBER / 09:00 – 18:00
THURSDAY 26 SEPTEMBER / 09:00 – 14:30
Exhibition Hall

mci

The exhibition runs for three and a half days and will be accessible to registered congress participants and registered accompanying persons.

The exhibition is an integral part of the congress and offers a unique opportunity to explore the interests and services of global and local industry partners. The exhibition showcases local and international developments in pharmacy and provides a central meeting point and information zone throughout the congress.

Skaggs School of Pharmacy and Pharmaceutical Sciences
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

THE UNIVERSITY OF ARIZONA College of Pharmacy

GULF MEDICAL UNIVERSITY
EDUCATION • HEALTHCARE • RESEARCH

Western University of Health Sciences College of Pharmacy

yuyama

GENERAL EVENTS

Council meetings

SATURDAY 21 SEPTEMBER / 09:00 – 12:30
SUNDAY 22 SEPTEMBER / 09:00 – 12:00
THURSDAY 26 SEPTEMBER / 14:30 – 16:30
Conference Hall B1 & B2
(simultaneous translation for official delegates)

Official representatives from FIP member organisations and observer organisations will be admitted to the council meetings (one delegate per organisation). Each representative was/is asked to submit written proof, when registering, that he or she has been officially appointed to represent his or her organisation. The council meetings will also be attended by the FIP Bureau members and FIP section representatives. Individual members of FIP are welcome to attend most of the council meetings, but only as a silent audience. They may be asked to show their FIP membership card at the entrance of the room.

Opening ceremony

SUNDAY 22 SEPTEMBER / 15:00 – 17:00
Hall 4

The opening ceremony will be open to all registered participants and their registered accompanying persons. Please be on time as a high number of attendees are expected.

Opening ceremony programme
14:15 Doors open
14:45 All guests are seated
15:00 Start

Speeches by:
Dominique Jordan / President of the International Pharmaceutical Federation
Mariam Galadari / President of the Emirates Pharmacy Society

Awards in recognition of excellence 2019

Høst Madsen Medal
Meindert Danhof / Netherlands

Distinguished Practice Award
Olivier Bugnon / Switzerland

Joseph A. Oddis Award for Exceptional Service to FIP
Andrew Gray / South Africa
Philip Schneider / USA

FIP Fellow
1. **Marwan El Akel** / Lebanon
2. **Sylvain Grenier** / Canada
3. **Kurt Hersberger** / Switzerland
4. **Marianne Ivey** / USA
5. **Susan James** / Canada
6. **Robert Moss** / Netherlands
7. **John Pieper** / USA
8. **Lars-Åke Söderlund** / Sweden
9. **Carwen Wynne Howells** / UK

Health Promotion Award
Pharmacists in action (Project Global Well-being) from the Federal Council of Pharmacy Brazil

Pharmacy Practice Improvement Award
Abem Programme, run by Dignitude Association from the Associação Nacional das Farmácias (ANF Portugal)

Ton Hoek Scholarship for Young Leaders
Margarita Gutierrez / Philippines

Poster sessions

MONDAY 23 SEPTEMBER TO
WEDNESDAY 25 SEPTEMBER / 09:00 – 18:00
THURSDAY 26 SEPTEMBER / 09:00 – 14:30
Exhibition Hall

The poster area is open to all registered participants and their registered accompanying persons.

Waiver of liability
All poster presenters are responsible for putting up and removing their own posters in a proper way and strictly within the indicated timeslots.
If presenters hang their posters too early or do not remove their posters in time, FIP is not responsible for any damage that may occur if they have to be removed by staff members.

POSTER SESSIONS

Thank you, mentors and reviewers!

We would like to express our great appreciation and gratitude to all our abstract mentors and reviewers for making this possible:
Dea Herrera Ruiz / Academic Pharmacy – **Timothy Chen** / Social and Administrative Pharmacy – **Julien Fonsart** / Clinical Biology – **Martin Astbury** / Community Pharmacy – **Josep M. Guiu** / Hospital Pharmacy – **Gabrielle Wiederkehr** / Industrial Pharmacy – **Nita Sood** / Military and Emergency Pharmacy – **Vivien Tong** / Health and Medicines Information – **Jacques Gravé** / History of Pharmacy – **Susan James** – Pharmacy Technicians – **Vinod Shah** / Regulatory Sciences – **Takuya Kumamoto** / Drug Design and Discovery – **Tetsuya Ozeki** / Formulation Design and Pharmaceutical Technology – **Stephan Schmidt** / Pharmacokinetics/ Pharmacodynamics & Systems Pharmacology – **Amanda Corbett** / Natural Products – **Michael Sorich** / Translational Research and Individualized Medicines – **Masaru Kato** / Analytical Sciences and Pharmaceutical Quality – **Michael Ward** / Biotechnology – **Charlotte Rossing** / Pharmacy Practice Research



Poster sessions FIP Abu Dhabi 2019

Exhibition Hall
The allotted timeslots for hanging up posters should be strictly observed

MON 23 & **TUE** 24 SEPTEMBER	First poster	Last poster	Number
– Academic Pharmacy	POS-APS-001	POS-APS-052	52
– Clinical Biology	POS-CBS-001	POS-CBS-002	2
– Community Pharmacy	POS-CPS-001	POS-CPS-118	118
– Health and Medicines Information	POS-HMI-001	POS-HMI-036	36
– Military and Emergency Pharmacy	POS-MEP-001	POS-MEP-003	3
– Social and Administrative Pharmacy	POS-SAP-001	POS-SAP-047	47
Total			**258**

Instructions for presenters
- *Hang up poster on Monday between 08:00 and 09:00*
- *Be at poster board on Monday and Tuesday between 12:00 and 14:30*
- *Take down poster on Tuesday between 14:00 and 16:00*

WED 25 & **THU** 26 SEPTEMBER	First poster	Last poster	Number
– Analytical Sciences and Pharmaceutical Quality	POS-ASP-001	POS-ASP-011	11
– Biotechnology	POS-BIO-001	POS-BIO-003	3
– Drug Design and Discovery	POS-DDD-001	POS-DDD-014	14
– Formulation Design and Pharmaceutical Technology	POS-FDP-001	POS-FDP-025	25
– History of Pharmacy	POS-HOP-001	POS-HOP-003	3
– Hospital Pharmacy	POS-HPS-001	POS-HPS-144	144
– Industrial Pharmacy	POS-IPS-001	POS-IPS-007	7
– Natural Products	POS-NPR-001	POS-NPR-017	17
– Pharmacokinetics/Pharmaco-dynamics & Systems Pharmacology	POS-PAA-001	POS-PAA-007	7
– Pharmacy Practice Research	POS-PPR-001	POS-PPR-010	10
– Pharmacy Technicians	POS-PHT-001	POS-PHT-002	2
– Regulatory Sciences	POS-RSC-001	POS-RSC-014	14
– Translational Research and Individualised Medicines	POS-TRI-001	POS-TRI-001	1
Total			**258**

Instructions for presenters
- *Hang up poster on Wednesday between 08:00 and 09:00*
- *Be at poster board on Wednesday and Thursday between 12:00 and 14:30*
- *Take down poster on Thursday between 14:00 and 16:00*

SOCIAL EVENTS

Welcome reception

SUNDAY 22 SEPTEMBER 17:00 – 18:00
Exhibition Hall

The Abu Dhabi Host Committee invites all participants and accompanying persons to a warm and festive welcome reception immediately after the opening ceremony. All guests will be treated to drinks and a selection of typical Emirati food in the perfect setting for catching up with old friends and making new ones. Please note that at the welcome reception, in accordance with host committee protocol, only non-alcoholic beverages will be served.

Section dinners

MONDAY 23 SEPTEMBER / 20:00 – 22:30
YAS Marina (Formula 1 Racing) Circuit

Academic Pharmacy Section
Clinical Biology Section
Community Pharmacy Section
Health and Medicines Information Section
Hospital Pharmacy Section
Industrial Pharmacy Section
Social and Administrative Pharmacy Section
The address of the venue is printed on your ticket.

FIP Fun Run

TUESDAY 24 SEPTEMBER / 06:00 – 07:00
ADNEC

For the eighth year the FIP congress will include a 5km fun run. The FIP Fun Run is an excellent event promoting a healthy lifestyle, and an alternative networking opportunity for delegates. We ask runners to register their interest in advance, as places are limited. The 10 Euro fee is a donation to the FIP Foundation, which helps the development of programmes to advance the pharmacy profession.

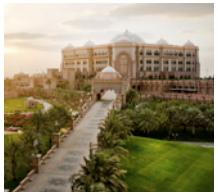
YPG *(Young Pharmacists Group)* evening

TUESDAY 24 SEPTEMBER / 19:30
Pacifico Tiki

The address of the venue is printed on your ticket.

Closing dinner

THURSDAY 26 SEPTEMBER / 19:30 – 23:00
Emirates Palace



A lavishly imagined dream, Emirates Palace offers you a magical location to enjoy the quintessence of award-winning 5-star luxury hospitality and authentic local experiences.

With its award-winning culinary cuisine, Emirates Palace is the definition of an unrivalled Arabian fantasy. Located in the heart of Abu Dhabi, Emirates Palace is grand in both its design and myriad of offerings. From a 1.3 km pristine beach, landscaped pools and a private marina overlooking a natural bay, Emirates Palace is perfect for a once-in-a lifetime ethereal experience.

Emirates Palace is truly one of the most inspiring hotels in Abu Dhabi, and we look forward to welcoming you there for a magnificent closing dinner for this congress.

The address of the venue is printed on your ticket.

Dinner tickets
Subject to availability, tickets for all the above-mentioned dinners can be purchased at the on-site registration desk.

SESSIONS OVERVIEW

SAT 21 SEP

MORNING / 09:00 – 12:00	AFTERNOON / 14:30 – 17:30
AP2 **FIP/APhA Immunisation Training** CONFERENCE HALL A – SECTION D	
D6 **YPG Leadership Development Workshop Part 1** CAPITAL SUITE 7	
1st Council Meeting CONFERENCE HALL B1 (& B2)	

SUN 22 SEP

MORNING / 09:00 – 12:00	LUNCH TIME / 12:30 – 14:00	AFTERNOON / 14:30 – 17:30
2nd Council Meeting / Engagement event CONFERENCE HALL A – SECTION D		**Opening Ceremony** (15:00 – 17:00) HALL 4
AP1 **Workshop on Antimicrobial Stewardship** (09:00 – 14:30) CONFERENCE HALL A – SECTION A		
F1 **Pre-satellite on Nanomedicines** (09:00 – 13:00) CAPITAL SUITE 3		
2nd Council Meeting / Engagement event CONFERENCE HALL B1 (& B2)		
2nd Council Meeting / Engagement event CONFERENCE HALL B2		
D5 **Pharmacy in the GCC countries** CONFERENCE HALL A – SECTION B & C		
D7 **YPG Leadership Development Workshop Part 2** CAPITAL SUITE 7		

SESSIONS OVERVIEW

MON 23 SEP

MORNING / 09:00 – 12:00

P1 **Plenary session**
FIP listens – Patients talk!
HALL 4

AP3 FIP/APhA Immunisation Panel
CONFERENCE HALL A – SECTION B & C

GSK Satellite Symposium
CONFERENCE HALL A – SECTION A

YPG Business Meeting (09:00 – 11:30)
CONFERENCE HALL B2

LUNCH TIME / 12:30 – 14:00

C1
Antimicrobial resistance and environmental pollution with medicines
CONFERENCE HALL B1 (& B2)

D20
SIGN 1 — Presentations from Member organisations
HALL B2

C2
Act Now! How pharmacists can help in the global refugee crisis
CONFERENCE HALL A – SECTION B & C

D8
Make an impact with your pharmacy service research
CONFERENCE HALL A – SECTION A

IPFMA — Influenza vaccination and the pharmacist's role
CONFERENCE HALL A – SECTION D

APS Business Meeting (11:30 – 13:00)
CAPITAL SUITE 7

Interprofessional Education Forum
CAPITAL SUITE 4

Systems Forum
CAPITAL SUITE 5

AFTERNOON / 14:30 – 17:30

A1
One step beyond new horizons in science, practice and education
CONFERENCE HALL B1 (& B2)

D16
What's new in science and industry? / Part 1
CONFERENCE HALL B2

D9
Realising pharmacy's potential: Putting successful plans in place
CONFERENCE HALL A – SECTION A

D24
FIP-WHO Hot Topic: Access to medicines
CONFERENCE HALL A – SECTION D

D1
Global Academic Leaders Forum (13:30 – 17:30)
CAPITAL SUITE 7



TUE 24 SEP

MORNING / 09:00 – 12:00

D2
Global Academic Leaders Forum
CAPITAL SUITE 7

C3
The equity issue: Global challenges for women in pharmacy and the pharmaceutical sciences
CONFERENCE HALL B1 (& B2)

D17
What's new in practice? Part 1
CONFERENCE HALL B2

B2
Navigating changes in the scope of the pharmacist
CONFERENCE HALL A – SECTION B & C

D25
Hot Topic: Vaccines demystification in the era of "fake news" (09:00 – 10:20)
CONFERENCE HALL A – SECTION A

D15
The Namibia Project (10:40 – 12:00)
CONFERENCE HALL A – SECTION A

CPS Steering Committee Meeting
CONFERENCE HALL A – SECTION D

LUNCH TIME / 12:30 – 14:00

D21
SIGN 2 – Presentations from Member organisations
CONFERENCE HALL B2

C4
One approach doesn't fit all: Appropriate use of anitbiotics
CONFERENCE HALL A – SECTION B & C

B3
Gamification — The pharmacist as playmaster!
CONFERENCE HALL A – SECTION A

HPS Business Meeting
CONFERENCE HALL A – SECTION D

AFTERNOON / 14:30 – 17:30

C5
Adapting to change — Implications on the profession of pharmacy
CONFERENCE HALL B1 (& B2)

D18
What's new in practice? / Part 2
CONFERENCE HALL B2

B4
Working together to score the goals
CONFERENCE HALL A – SECTION B & C

A2
Pharmacists' role in medical devices: From diagnosis to monitoring of therapy
CONFERENCE HALL A – SECTION A

B1
Empowering women as agents of better health
CONFERENCE HALL A – SECTION D

Meet the SIGs (17:45 – 18:15)
CAPITAL SUITE 3



SESSIONS OVERVIEW

WED 25 SEP

EARLY MORNING
07:00 – 08:45

D10
Finding the humanitarian face of pharmacy
CONFERENCE HALL B2

MORNING
09:00 – 12:00

A3
Cell-based gene therapy — Promises and challenges
CONFERENCE HALL B1 (& B2)

D11
Rising to the challenge: Evolving roles of emergency pharmacists
CONFERENCE HALL B2

B6
Implementing advanced patient services with tangible outcomes
CONFERENCE HALL A – SECTION B & C

B5
Transition from "fact-based teaching" to "complex clinical problem solving"
CONFERENCE HALL A – SECTION A

A4
Internet pharmacy – Risks versus benefits
CONFERENCE HALL A – SECTION D

LUNCH TIME
12:30 – 14:00

C6
Superdrugs for superbugs: Antibiotics of the future
CONFERENCE HALL B1 (& B2)

MEPS Business Meeting
CONFERENCE HALL B2

D12
Competency framework for academic staff in pharmacy education
CONFERENCE HALL A – SECTION B & C

D22
SIGN 3 – Presentations from Member organisations
CONFERENCE HALL A – SECTION A

A5
Supplying medicines the age of the internet colossuses
CONFERENCE HALL A – SECTION D

Professional Development Forum
CAPITAL SUITE 2

AFTEROON
14:30 – 1730

A6
A 3D printer for every pharmacy?
CONFERENCE HALL B1 (& B2)

D13
Innovations in military and emergency pharmaco-logistics
CONFERENCE HALL B2

A7
The future of the pharmacy: Education and research
CONFERENCE HALL A – SECTION B & C

B8
Planning for disruption: Educating future pharmacists to navigate the winds of change
CONFERENCE HALL A – SECTION A

B7
Evolving from medicines seller to medicines expert *(in Middle East and LMIC countries)*
CONFERENCE HALL A – SECTION D

D3
Pharmacy Technicians Symposium
CAPITAL SUITE 7

YPG Business Meeting
(15:00 – 17:30)
CAPITAL SUITE 3

Academy Forum
(14:30 – 16:00)
CAPITAL SUITE 4

THU 26 SEP

MORNING / 09:00 – 12:00

D4
Pharmacy Technicians Symposium
CAPITAL SUITE 7

C7
Green pharmacy practice: Educating our workforce to transition towards a greener profession
CONFERENCE HALL B1 (& B2)

A8
Integrating science and professional practice in pharmacy degrees
CONFERENCE HALL A – SECTION B & C

C8
Ethics forum: What does it mean to exercise "conscientious objection"?
CONFERENCE HALL A – SECTION A

D19
What's new in science and industry? / Part 2 (09:00 – 11:30)
CONFERENCE HALL A – SECTION D

LUNCH TIME / 12:30 – 14:00

B9
The power of working together: Successful stories of interprofessional education and collaborative practice
CONFERENCE HALL A – SECTION B & C

D14
Ethical competence in pharmacy
CONFERENCE HALL A – SECTION A

D23
SIGN 4 — Presentations from Member organisations
CONFERENCE HALL A – SECTION D

IPS Section Assembly
CAPITAL SUITE 3

SAPS Business Meeting (12:30 -14:00)
CAPITAL SUITE 2

Pharmabridge
CAPITAL SUITE 5

AFTERNOON / 14:30 – 17:30

3rd Council Meeting
CONFERENCE HALL B1 (& B2)

B10
Advancing pharmacist roles through evidence and education
CONFERENCE HALL A – SECTION B & C

C10
Pharmacy quality indicators to improve patient care
CONFERENCE HALL A – SECTION A

C9
Patient empowerment — Myth or reality?
CONFERENCE HALL A – SECTION D





THEME OF THE CONGRESS:

New horizons for pharmacy — Navigating winds of change

SESSIONS PROGRAMME

TOPIC A

New trends in science, practice and education

Topic Coordinators:
Ralph Altiere
Tetsuya Ozeki
Hiroshi Suzuki

Think technology, digitalisation, robotics, individualisation, virtual classroom, communication, people-centred care and ethical challenges.

TOPIC B

New roles, opportunities, and responsibilities

Topic Coordinators:
Toyin Tofade
Mary Wang
Michael Ward

Think pharmacists' roles, roles of individuals, new services, collaboration, and education.

TOPIC C

Health now! Responding to the challenges of today

Topic Coordinators:
Lars-Åke Söderlund
Betty Chaar
Michael Ward

Think new research, ethical challenges, new values, access to health, health systems, sustainability, environmental sustainability, non-communicable diseases, patient empowerment, women empowerment, quality and assessment.

TOPIC D

Targeting special interests

Topic Coordinators:
Betty Chaar
Mary Wang



Congress Programme Committee

Please note:
In order to make this booklet more user- and environment-friendly, the listing of the sessions and lectures has been kept as concise as possible.

For the full session introductions and descriptions, please visit our website at:
abudhabi2019.congress.pharmacy

Get the FIP 2019 Congress App:



SATURDAY & SUNDAY
SEP 21 / SEP 22

08:30 - 17:45
09:00 - 12:00

D6 & D7 | CAPITAL SUITE 7
Young Pharmacists Group (YPG) leadership development workshop

Organised by the YPG, in collaboration with the Academic Pharmacy Section, FIPEd and the International Pharmaceutical Students' Federation

CHAIR
John Ly / YPG, Australia

TOPIC
Targeting special interests
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy, ethics

SATURDAY SEP 21 — 08:30 - 17:45

D6 | CAPITAL SUITE 7
Young Pharmacists Group (YPG) leadership development workshop / Part 1

CODE: .....

PROGRAMME

08:30 – 08:45
Welcome
John Ly / YPG, Australia
Catherine Duggan / FIP, Netherlands
Representatives from the FIP Academic Pharmacy Section, FIPEd and IPSF

08:45 – 09:00
Introduction between all participants

09:00 – 09:30
1. **Introduction to FIP structure and YPG projects**
   John Ly / YPG, Australia
   Carolyn Dewart / YPG, USA

09:30 – 10:20
2. **Values of servant, ethical and volunteer leadership**
   Betty Chaar / The University of Sydney, Australia

10:20 – 10:40 COFFEE/TEA BREAK

10:40 – 11:45
3. **Project management skills — Apps, tools, time management and processes to help manage the new workload**
   Yuri Jung / YPG, South Korea
   Miranda Law / Howard University, USA
   Miranda Sertić / FIP, Croatia

11:45 – 12:55
4. **Communication skills: Public speaking, presentation skills, constructive feedback and media releases**
   Lin-Nam Wang / FIP, Netherlands
   Catherine Kuecker / William S. Middleton Memorial Veterans Hospital, USA

12:55 – 13:00 ROOM REFRESH

13:00 – 14:00 LUNCH BREAK

14:00 – 15:50
5. **Succession planning — Why is it important?**
   Ways to ensure stable handover of local or international YPG roles
   David Steeb / UNC Eshelman School of Pharmacy, USA
   Sarah Vibhuti Arya / St. John's University, USA

15:50 – 16:10 COFFEE/TEA BREAK

16:10 – 17:00
6. **How to run effective meetings**
   Ema Paulino / FIP, Portugal

17:00 – 17:10
Conclusion by the chair

17:10 – 17:45
YPG Steering Committee positions (optional)
Participants interested in elections can learn in more detail and ask questions about the specific roles and responsibilities from the current YPG Steering Committee.

19:00 NETWORKING DINNER (OPTIONAL)

SUNDAY SEP 22 08:00 - 12:00

D7 I CAPITAL SUITE 7

Young Pharmacists Group (YPG) leadership development workshop / Part 2

CODE:

PROGRAMME

08:00 – 08:10
Introduction by the chair

08:10 – 09:10
7. Youth 2030: Sustainable leadership
   Nilhan Uzman / FIPEd, Netherlands
   Sherly Meilianti / YPG, Indonesia

09:10 – 10:20
8. Leadership styles and understanding personalities
   Toyin Tofade / Howard University, USA
   Lisa Nissen / Queensland University of Technology, Australia

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:50
9. Strategic planning for YPG
   Open discussion for ideas and new ways forward for YPG

11:50 – 11:55 CONCLUSION BY THE CHAIR

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Lay out the structure and projects of FIP
2. Differentiate current YPG projects as they relate to FIP
3. Demonstrate soft skills and practical skills in leadership and management
4. Cooperate, through networking opportunities, with active YPG leaders from across the world
5. Produce ideas for future strategic planning of the FIP YPG

Type of session
Application-based

For more information, visit
www.fip.org/young_pharmacists_group or
email ypg@fip.org

SUNDAY SEP 22 09:00 - 12:00

D5 I CONFERENCE HALL A – SECTION B & C

Pharmacy in the GCC (Gulf Cooperation Council) countries

Duration: 3h
Organised by the Local Host Committee

CHAIR

Nadia Al Mazrouei / Sharjah University, Local Host Committee, UAE

PROGRAMME

09:00 - 09:05
Introduction by the chair

09:05 - 09:20
1. Overview of the EPS and the pharmacy profession in UAE
   Mariam Galadari / Emirates Pharmacy Society, Local Host Committee, UAE

09:20 – 09:35
2. Influence of pharmaceutical care on health outcomes (UAE, Study in Diabetes Mellitus)
   Nadia Al Mazrouei / Sharjah University, Local Host Committee, UAE

09:35 – 09:50
3. Pharmacoeconomics in GCC countries: Cost and effectiveness
   Mubarak Nasser Al Ameri / Zayed Military Hospital, UAE

09:50 – 10:05
4. Bahraini Pharmacy Society: Overview
   Qumasha Abdulla Almokhadabi / Bahraini Pharmaceutical Society, Bahrain

10:05 – 10:20
5. Kuwaiti Pharmaceutical Association: Present and future
   Waleed Al Shammari / Kuwaiti Pharmaceutical Association, Kuwait

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 10:55
6. The impact of the Saudi Pharmacy Society on pharmacy practice
   Khalid Alburikan / Saudi Pharmacy Society, Kingdom of Saudi Arabia

10:55 – 11:10
7. Omani Pharmaceutical Society: Achievements and challenges facing the pharmacy profession in Oman
   Ibrahim Al Rashdi / Oman Pharmaceutical Society, Sultanate of Oman

11:10 – 11:20
8. Residency programmes in the Kingdom of Saudi Arabia (KSA): New approaches and challenges
   Jawaher Gramish / King Abulaziz Medical City Central Region, Kingdom of Saudi Arabia

11:20 – 11:55
9. Interactive panel discussion: The future of pharmacy practice in the region
   Moderator:
   Maisoun Al Kaabi / Shaktob Medical City, UAE
   Panellists:
   Abdullah Al Zahrani / Security Forces Hospital, Kingdom of Saudi Arabia
   Sara Al Balushi / Ministry of Health, Sultanate of Oman

11:55 – 12:00 ROOM REFRESH

SUNDAY SEP 22 — 09:00 - 13:00

F1 | CAPITAL SUITE 3

Pre-satellite on nanomedicines:
Tackling the challenges of nanomedicines — Are we ready?

CODE:

Duration: 4h
Organised by the FIP Hospital Pharmacy Section and the Non-Biological Complex Drugs (NBCDs) Working Group and hosted by Lygature

CHAIRS

Vinod Shah / NBCD Working Group, USA
John Hertig / FIP Hospital Pharmacy Section, USA

PROGRAMME

09:00 – 09:10
1. Introduction by the chairs — Nanomedicines are reality but what are the challenges?

09:10 – 09:45
2. What are nanomedicines?
   Beat Flühmann / Vifor Pharmac Management Ltd. and NBCD Working Group, Switzerland

09:45 – 10:20
3. Why go nano in therapeutics?
   Stephan Mühlebach / University of Basel and NBCD Working Group, Switzerland

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:15
4. Regulatory challenges for nanosimilars
   Vinod Shah / NBCD Working Group, USA

11:15 – 11:50
5. Implications of using nanomedicines in pharmaceutical practice
   Gunar Stemer / Vienna General Hospital – Medical University, Austria

11:50 – 12:50
6. Panel discussion

12:50 – 12:55
7. Conclusion by the chairs

12:55 – 13:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Tell the differences between nanomedicines and conventional drugs
2. Explain the advantages and challenges related to the use of nanomedicines
3. Inform others about nanomedicines and nanosimilars
4. Describe the practical implications for evaluation, selection and handling of nanomedicines in the clinic

Type of session
Knowledge-based

MONDAY SEP 23 — 09:00 - 12:00

P1 | HALL 4

Plenary session: FIP listens — Patients talk!
Navigating the winds of change

CODE:

Duration: 3h
Organised by the FIP Congress Programme Committee, in collaboration with the FIP Board of Pharmaceutical Sciences for the Høst Madsen Medal

CHAIRS

Lars-Åke Söderlund / Apoteket AB Healthcare, Sweden
Michael Ward / University of South Australia, Australia

TOPIC

Health now! Responding to the challenges of today

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 10:00
1. **Høst-Madsen Award Lecture: Future Medicines for One World — The Promise of Empowerment**
   The Høst-Madsen Medal is made possible by the support of Danmarks Apotekerforening (the Association of Danish Pharmacies).
   It is the highest pharmaceutical sciences award of FIP and is given, every two years, to an eminent pharmaceutical scientist whose research is particularly distinguished.

10:00 – 10:20
2. What is most important in the patient care approach?
   Hossam Eldin Ahmed Othman / Children's Cancer Hospital 57357, Egypt

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:00
3. Globally empowered patients: Because we care!
   Lorraine Smith / The University of Sydney, Australia

11:00 – 11:20
4. Patients prescribe E5 for sustainable health systems
   Hussain Jafri / International Alliance of Patients' Organizations, Pakistan

11:20 – 11:40
5. The chain of trust: Empowerment through sharing and collaboration — The pharmacist and the patient in the science, practice and healthcare environment
   Carmen Peña / FIP, Spain

11:40 – 11:50
6. Discussion among speakers: How can pharmacy and patients join forces to navigate the winds of change together?

11:50 – 11:00
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Identify key priorities for the empowered patient as a vital part of the healthcare system
2. Identify patient needs in health, prevention and disease management
3. Outline why a sustainable healthcare system demands pharmacy to listen to patients and meet their needs with empathy and professionalism
4. Distinguish what pharmacists can do on an individual level to drive healthcare transformation together with patients all over the globe
5. Identify areas for advancement in patient-centred approaches, based on new technologies, innovation and education

Type of session
Knowledge-based

MON SEP 23 & TUE SEP 24

D1 & D2
10TH AIM GLOBAL ACADEMIC LEADERS FORUM (GALF)

Organised by FIPEd



MONDAY SEP 23 13:30 - 17:00

D1 / DAY 1 SESSION | CAPITAL SUITE 7

Science infused into the curriculum: Breaking down the silos

CODE:

PROGRAMME

13:30 – 13:45
Welcome and introduction
Wayne Hindmarsh / FIP AIM, Canada
William Charman / FIPEd, Australia
Introduction by the session chair
Lilian Azzopardi / University of Malta, Malta

13:45 – 14:15
Breaking the silos: Addressing the needs
Chair: Lilian Azzopardi / University of Malta, Malta
Speaker: Dimitros Rekkas / University of Athens, Greece
(Followed by Q&A)

14:15 – 15:05
Infusing the science
Chair: Lilian Azzopardi / University of Malta, Malta
Speaker: Giovanni Pauletti / FIP, USA
Case study: How to break down the silos between the pharmaceutical and clinical sciences
Speaker: David Thompson / University of Colorado, USA
(Followed by Q&A)

15:05 – 15:50
Facilitated table discussions

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:50
Facilitated table discussions, group presentations and Q&A

16:50 – 16:55
Wrap up and conclusions
Lilian Azzopardi / University of Malta, Malta

16:55 – 17:00 ROOM REFRESH

Reception
Location to be announced

Learning objectives
At the end of this session, participants will be able to:
1. List ways that infusion of science into curricula can facilitate the relevance of pharmacy education
2. Identify challenges for merging science into the curriculum at their institution
3. Describe strategies that can support merging of disciplines to support infusion of science
4. Outline an implementation plan to update curricula to achieve breaking of silos

Type of session
Knowledge-based

TUESDAY SEP 24 09:00 - 13:00

D2 / DAY 2 MORNING SESSION | CAPITAL SUITE 7

Entrepreneurship — Principles and examples of successful development

CODE:

PROGRAMME

09:00 – 09:15
Wrap-up from Day 1 and programme for Day 2
Wayne Hindmarsh / FIP AIM, Canada

09:15 – 09:25
Introduction by the chairs
Paul Gallagher / Royal College of Surgeons, Ireland
Mohamed Rahal / Lebanese International University, Lebanon

09:25 – 09:45
Case study 1: Entrepreneurship and pharmaceutical sciences research: From a lab to a spinoff company
Chair: Mohamed Rahal / Lebanese International University, Lebanon
Speaker: Ayman Noreddin / Sharjah University College of Pharmacy, Sharjah

09:45 – 10:05
Case study 2: Building partnerships with leading universities worldwide
Chair: Mohamed Rahal / Lebanese International University, Lebanon
Speaker: Iman Amin Basheti / Applied Science Private University, Jordan

10:05 – 10:20
Facilitated table discussions and Q&A

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:30
Case study 3: The application of the Business Model Canvas in the development of a transnational education (TNE) programme
Chair: Paul Gallagher / Royal College of Surgeons, Ireland
Speakers:
Helena Kelly / Royal College of Surgeons, Ireland
Paul Gallagher / National University of Singapore, Singapore

11:30 – 11:45
Case study 4: Live, think and breathe start-ups! Does entrepreneurial education change student pharmacists?
Reuben Yeok Ming Loh / National University of Singapore, Singapore

11:45 – 11:55
Q&A and morning conclusions by the chairs

11:55 – 12:00 ROOM REFRESH

12:00 – 13:00
AIM 10th Year Anniversary Celebration

Learning objectives
At the end of this session, participants will be able to:
1. Identify the principles of entrepreneurship and innovation with specific focus on the higher education sector
2. Outline common frameworks and models used to support entrepreneurial activity
3. Define principles of model tool kits to develop a roadmap for entrepreneurial activity
4. Specify key elements which need to be in place to drive entrepreneurship in a higher education environment

Type of session
Knowledge-based

TUESDAY SEP 24 13:00 - 17:30

D2 / DAY 2 AFTERNOON SESSION | CAPITAL SUITE 7

Solving common challenges through networking

CODE:

PROGRAMME

13:00 – 13:10
Introduction by the chair
Pierre Moreau / Kuwait University, Kuwait

Roundtable networking
13:10 – 14:00
Topic 1 / Faculty development and succession planning
–
14:00 – 14:50
Topic 2 / Balancing teaching, research and administration duties to prevent burnout
–
14:50 – 15:40
Topic 3 / Promoting the profession to future students

15:40 – 16:40
(including 15:50 -16:10 coffee/tea break)
Groups report recommendations, followed by wrap-up and conclusions

16:40 – 17:25
AIM Advisory Committee elections

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Defend relevant issues regarding leadership towards the academic staff and the recruitment of students
2. Plan to tackle faculty development and succession planning
3. Conduct academic and research activities for their staff
4. Build a marketing plan to support the admission of future students

Type of session
Application-based

MONDAY SEP 23 12:30 - 14:00

C1 | CONFERENCE HALL B1

Antimicrobial resistance and environmental pollution with medicines

CODE:

Duration: 1.5h
Organised by the SIG on Drug Design and Discovery, in collaboration with FIP's Community Pharmacy Section, the Hospital Pharmacy Section and the Industrial Pharmacy Section

CHAIRS

Takuya Kumamoto / Hiroshima University, Japan
Eeva Teräsalmi / Seitsemän Veljeksen Apteekki, Finland

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, industrial pharmacy, hospital pharmacy, pharmaceutical sciences

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 12:55
1. Antibiotic-resistant genes in waste water: Introduction
   Marko Vitra / University of Helsinki, Finland

12:55 – 13:15
2. Antibiotic residue in environmental water and fresh food in Vietnam
   Kazuo Harada / Osaka University, Japan

13:15 – 13:35
3. Environmental impact of the pharmaceutical industry
   Jason Snape / AstraZeneca, UK

13:35 – 13:50
4. Take back programme: Disposing of unused and unwanted medicines properly
   Marianne Ivey / FIP Hospital Pharmacy Section, USA

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Outline the basics of how antibiotic-resistant genes are selected and transferred in waste water
2. Describe the actual state of antibiotic residue in environmental water and fresh food, and an education programme on analysis of antibiotic residue
3. Describe the continuous programmes used by the pharmaceutical industry to minimise the impact of pharmaceuticals toward the environment
4. Identify effective programmes to dispose of unused prescription and over-the-counter medicines and to reduce undesirable access to prescription drugs

Type of session
Knowledge-based

MONDAY SEP 23 12:30 - 14:00

C2 | CONFERENCE HALL A – SECTION B & C

Act now! How pharmacists can help in the global refugee crisis

CODE:

Duration: 1.5h
Organised by the YPG, in collaboration with FIP's Community Pharmacy Section and the Military and Emergency Pharmacy Section

CHAIRS

Miranda Sertić / University of Zagreb, Croatia
Miranda Law / Howard University, USA

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, social and administrative pharmacy, ethics

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 12:55
1. Importance of the role of community pharmacists in emergency health care
   Warren Meek / C7 Consulting Limited, Canada

12:55 – 13:15
2. Be the change we want to see in the future – The role of young pharmacists
   Nisreen Mourad / Lebanese International University, Lebanon

13:15 – 13:35
3. Insights from a pharmacist from Médecins Sans Frontières
   Kristina Skender / Médecins Sans Frontières, Croatia

13:35 – 13:50
4. Migrant simulations with roundtables
   Miranda Sertić / University of Zagreb, Croatia

13:50 -13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Distinguish how community pharmacists can positively impact healthcare during the global refugee crisis
2. Inform young pharmacists of actions they can take to make a difference in their local community
3. Identify methods pharmacy educators can use to prepare the future generation of pharmacists to respond to emergency healthcare situations
4. Describe activities of pharmacists specialised to work in emergency situations

Type of session
Knowledge-based

MONDAY SEP 23 12:30 - 14:00

D8 | CONFERENCE HALL A – SECTION A

Make an impact with your pharmacy service research

CODE:

Duration: 1.5h
Organised by FIP's Social and Administrative Pharmacy Section, in collaboration with FIP's SIG on Pharmacy Practice Research

CHAIRS

Martin Schulz / Freie Universität Berlin, Germany
Dalia Dawoud / National Institute for Health and Care Excellence NICE, UK

TOPIC

Targeting special interests
Targeted audience: Pharmacy education and academic pharmacy, social and administrative pharmacy

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 12:55
1. Planning for a successful pharmacy submission
   Mohamed Amin / Beirut Arab University, Lebanon

12:55 – 13:15
2. Qualitative research in pharmacy practice: A search for quality
   Sofie Rosenlund / University of Copenhagen, Denmark

13:15 – 13:35
3. Generation and implementation of evidence
   Yazid Al Hamarneh / University of Alberta, Canada

13:35 – 13:50
4. Panel discussion

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Conduct planning and publish a pharmaceutical health services research project
2. Contrast common pitfalls identified in qualitative research projects published in the pharmacy literature
3. Dispute key steps for critical appraisal of pharmaceutical health services research evidence
4. Detect issues that should be taken into consideration when implementing evidence from pharmaceutical health services literature into practice

Type of session
Application-based

MONDAY SEP 23 12:30 - 14:00

D20 | CONFERENCE HALL B2

SIGN 1 — Sharing ideas in a global network: Community pharmacy ahead of the curve

CODE:

Duration: 1.5h
Organised by FIP

CHAIR

Ashok Soni / FIP, UK

PROGRAMME

12:30 – 12:35
Introduction by the chair

12:35 – 12:45
1. Project of the 2019 Pharmacy Practice Improvement Programme Award winner
   To be announced at the opening ceremony of the congress

12:45 – 13:00
2. Changing the healthcare ecosystem: Community pharmacy as a focal point
   Duarte Santos / National Association of Pharmacies, Portugal

13:00 – 13:15
3. Perspectives of community pharmacy in Ireland
   Daragh Connolly / Irish Pharmacy Union, Ireland

13:15 – 13:30
4. Green Cross Initiative: Improving patient safety through capturing retail data
   Yaakub Abdulhamid Ebrahim / Pharmaceutical Society of Kenya, Kenya

13:30 – 13:45
5. Achieving prescribing authority for Danish community pharmacists
   Birthe Søndergaard / Association of Danish Pharmacies, Denmark

13.45 – 13:55
Questions from the audience and debate

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the leading projects of FIP member organisations
2. Tell pioneering initiatives from FIP member organisations in their country
3. Specify challenges pharmacists face in different settings and countries around the globe
4. Express ideas about advancing pharmacy to a global audience

Type of session
Knowledge-based

MONDAY SEP 23 14:30 - 17:30

A1 I CONFERENCE HALL B1

One step beyond new horizons in science, practice and education

CODE:

Duration: 3h
Organised by the FIP Congress Programme Committee

CHAIRS

Ralph Altiere / University of Colorado Denver, USA
Hiroshi Suzuki / The University of Tokyo, Japan

TOPIC

New trends in science, practice and education
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, social and administrative pharmacy, ethics

PROGRAMME

14:30 – 14:40
Introduction by the chairs

14:40 – 15:15
1. New developments in science — Impact of technological advances in science on pharmacy practice and patient care
   Philippe Broët / University of Montreal, Canada

15:15 – 15:50
2. New developments in pharmacy practice — New roles for pharmacists in the era of health-care practice driven by technological and scientific advances
   Antoine Cherfan / Cleveland Clinic Abu Dhabi, Abu Dhabi

15:50 – 16:10 COFFEE/TEA BREAK

16:10 – 16:45
3. New developments in pharmacy education
   Renato Cataldo / American Pharmacists Association, USA

16:45 – 17:15
4. Panel discussion

17:15 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the main trends likely to impact pharmacy in the next five to 10 years
2. Identify actions they need to take in order to prepare for and adapt to these trends
3. Specify the impact these developments will have on patient care

Type of session
Knowledge-based

MONDAY SEP 23 14:30 - 17:30

D9 I CONFERENCE HALL A – SECTION A

Realising pharmacy's potential: Putting successful plans in place

CODE:

Duration: 3h
Organised by FIP's Community Pharmacy Section, in collaboration with the Social and Administrative Pharmacy Section

CHAIRS

Lars-Ake Söderlund / Apoteket AB Healthcare, Sweden
Timothy Chen / The University of Sydney, Australia

TOPIC

Targeting special interests
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, health and medicines information, hospital pharmacy, social and administrative pharmacy

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Vision for the future of pharmacy in Spain
   Sonia Ruiz Morán / General Pharmaceutical Council of Spain, Spain

15:00 – 15:25
2. The New Zealand Pharmacy Action Plan, a part of a world class healthcare model
   Graeme Smith / Pharmaceutical Society of New Zealand, New Zealand

15:25 – 15:50
3. Future pharmacy practice — Meeting patients' needs
   Cora Nestor / Pharmaceutical Society of Ireland, Ireland

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
4. 2023 Vision for pharmacy, a new pharmacy model in Australia
   Chris Freeman / Pharmaceutical Society of Australia, Australia

16:45 – 17:20
5. How to develop a plan for pharmacy in my country: Important action steps
   Timothy Chen / The University of Sydney, Australia

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the key components for a strategic plan for pharmacy
2. Outline the major steps for developing an action plan for pharmacy
3. Identify the value from a patient and healthcare perspective
4. Distinguish the underlying trends creating the need for pharmacy to develop a plan

Type of session
Knowledge-based

MONDAY SEP 23 14:30 - 17:30

D16 | CONFERENCE HALL B2

What's new in industry and science? / Part 1

Short oral presentations selected from submitted abstracts

CODE:

CHAIRS

Gabrielle Wiederkehr / ACCESS Regulatory Consulting GmbH, Switzerland
Takuya Kumamoto / Hiroshima University, Japan

PROGRAMME

14:30 – 14:40
Introduction by the chairs

14:40 – 14:50
1. Quality assessment of Amoxicillin oral products in the National Capital District, Papua New Guinea
   Beverley Dawn Glass / James Cook University, Australia

14:50 – 15:00
2. Diclofenac orodispersible films by hot melt ram extrusion 3d printing
   Garba Mohammed Khalid / University of Milan, Italy

15:00 – 15:10
3. Impact of artificial intelligence and machine learning on drug research and development
   Safa Damiati / King Abdulaziz University, Kingdom of Saudi Arabia

15:10 – 15:20
4. Progress and prospect of nanogel in skin cancer
   Prashant Sahu / Dr Harisingh Gour Central University, India

15:20 – 15:30
5. Eyelid skin application extends delivery of drugs in the eyeball
   Gerard Lee Lo See / Josai University, Japan

15:30 – 15:40
6. Pharmaceutical compounding:
   An alternative treatment option in psoriasis
   Yashoda Pramar / PCCA Research and Development, USA

15:40 – 15:50
7. Developments in pharmaceutical green chemistry
   Lilian Azzopardi / University of Malta, Malta

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:20
8. Drug-related problems among breast cancer patients receiving chemotherapy in northern Nigeria
   Hadiza Usman Maaji / Ahmadu Bello University Zaria, Nigeria

16:20 – 16:30
9. Clinical and humanistic impact of a community pharmacist-led adherence service: Adherencia-med
   Tamara Peiró / General Pharmaceutical Council of Spain, Spain

16:30 – 16:40
10. Adherence to antihypertensive medications in patients attending public hospitals in Kano
    Umar Idris Ibrahim / Bayero University Kano, Nigeria

16:40 – 16:55
Q & A and conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. List innovations and new discoveries in industry and pharmaceutical science
2. State new initiatives in industry and pharmaceutical science that can be adapted based on presented information
3. Share actionable application of results of recent studies in industry and pharmaceutical science

Type of session
Knowledge-based

MONDAY SEP 23 14:30 - 17:30

D24 | CONFERENCE HALL A – SECTION D

Hot Topic: FIP-WHO joint session on access to medicines

CODE:

Duration: 3 hours
Organised by: FIP Congress Programme Committee

CHAIRS

Sabine Kopp / World Health Organization, Switzerland
Tetsuya Ozeki / Nagoya City University, Japan

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:05
1. Access to medicines – WHO perspective
   Sabine Kopp / World Health Organization, Switzerland
2. Measures to improve access to medicines — Showcase from pharmacists' associations:
   A. 15:05 – 15:30
   The impact of Brexit on access to medicines: Are we ready?
   Ashok Soni / Royal Pharmaceutical Society, UK
   –
   B. 15:30 – 15:50
   The French DP shortage information system
   Carine Wolf-Thal / French Chamber of Pharmacists, France

15:50 – 16:10 COFFEE / TEA BREAK

C. 16:10 – 16:30
Improving access through policies and supply chains: Stimulating local production in Nigeria
Mazi Sam Ohuabunwa / Pharmaceutical Society of Nigeria, Nigeria

D. 16:30 – 17:00
Reducing medication costs: INN prescribing in South Korea
Chang Seok Goo / Korean Pharmaceutical Association, South Korea

17:00 – 17:25
Q&A moderated by the chairs, summary and wrap up

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Outline the strategies focused on improving access to essential medicines
2. Identify the gaps and barriers to access to medicines
3. Identify how to improve access through national and international policies;
4. Define the importance of pharmacists' involvement in various strategies improving access to medicines

Type of session
Knowledge-based

FIP Membership Benefits

Join our global pharmacy network by becoming a member of the International Pharmaceutical Federation (FIP). Since 1912 FIP has represented pharmacists and pharmaceutical scientists worldwide. By becoming an individual member you can benefit from a wide range of services and privileges. Join us!



/FIPpharmacists /in/fippharmacists/ @FIP_org

fip ADVANCING PHARMACY WORLDWIDE

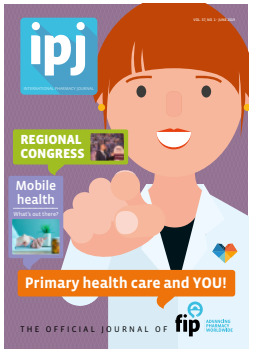
FIP MEMBERSHIP BENEFITS

Privileged access to the FIP annual congress

Enjoy a discounted registration fee to the FIP annual congress: www.congress.pharmacy. If you can't make it to a congress, don't worry because members can access poster abstracts and presentations of past congresses on the FIP website: fip.org/abstracts

Access to reliable information and high quality publications

Keep current with international developments and new trends in pharmacy, and take advantage of access to numerous reports.



You also receive the *International Pharmacy Journal (IPJ)* twice a year, offering a unique international perspective on pharmacy practice, sciences and education.

Development, involvement and ACTION!

FIP creates a worldwide development and educational environment through the work of all members. You have the opportunity to participate in discussion groups, working groups and taskforces. Your input is appreciated!

International network of experts

When you become an individual member of FIP you are immediately connected to an international network of peers and colleagues who share your professional interests and aspirations. Learn from them and they will learn from you. Grow as a professional leader.

Educational opportunities beyond congresses

Webinars organised by FIP and its sections allow you to learn about latest developments, free of charge, wherever you are. Your membership also gives you access to recordings of past webinars.

Solidarity: Support the profession worldwide

Your membership also means that FIP is able to support the development of pharmaceutical practice, sciences and education in developing countries, through a variety of programmes.

Come to the FIP booth in the exhibition to enjoy all of these benefits or contact membership@fip.org

Exclusive Offer: FREE Membership for 2019!

For congress registrants who are not yet FIP members: Your Abu Dhabi congress registration gives you the option to become an individual FIP member for the year 2020 which then entitles you to a free membership for the remaining 2019 year.

TUESDAY SEP 24 09:00 - 12:00

B2 | CONFERENCE HALL A – SECTION B & C

Navigating changes in the scope of the pharmacist: Pharmacy as a gateway to care

CODE:

Duration: 3h
Organised by the FIP Congress Programme Committee, in collaboration with FIP's Academic Pharmacy Section, the Community Pharmacy Section and the Hospital Pharmacy Section

CHAIRS

Michael Ward / University of South Australia, Australia
Toyin Tofade / Howard University, USA

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, hospital pharmacy

PROGRAMME

09:00 – 09:05
Introduction by the chairs

09:05 – 09:30
1. New roles of pharmacists in France: Large-scale pilot on flu-vaccination by community pharmacists
   Carine Wolf-Thal / French Chamber of Pharmacists, France

09:30 – 09:55
2. Interprofessional collaborative models: A patient-centred devolvement of care pathways between pharmacies and primary care health units in Figueira da Foz
   Suzete Costa / ANF-National Association of Pharmacies, Portugal

09:55 – 10:20
3. Health literacy and medicines use
   Hsiang-Wen Lin / China Medical University, China Taiwan

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:15
4. Delivering care using a medication therapy management framework
   Abby Kahaleh / Roosevelt University College of Pharmacy, USA

11:15 – 11:50
5. Experience exchange — Working in pairs to develop personal plans
   Facilitated by the chairs

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Identify the role of pharmacists in patient triage, self-medication, and collaboration with other healthcare providers
2. Identify varying approaches to changing the scope of pharmacy practice in your community
3. Explain an approach to closing knowledge and skill gaps in the changing scope of the pharmacist

Type of session
Knowledge-based

TUESDAY SEP 24 09:00 - 12:00

C3 | CONFERENCE HALL B1

Tackling the equity issue: Global challenges for women in pharmacy and the pharmaceutical sciences

CODE:

Duration: 3h
Organised by FIPEd, in collaboration with FIP's Academic Pharmacy Section, the Community Pharmacy Section, the Hospital Pharmacy Section, IPSF and the YPG

CHAIRS

Ema Paulino FIP, Portugal
Claire Anderson University of Nottingham, UK

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy, ethics

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:35
1. Overcoming gender inequities in the health workforce
   Tana Wuliji / World Health Organization, Switzerland

09:35 – 09:55
2. Gender equity in the pharmaceutical and healthcare workforce: Monitoring progress and challenges
   Catherine Duggan / FIP, The Netherlands

09:55 – 10:20
3. Pakistan's National Alliance for Women in Pharmacy: Leading by example for health professional bodies
   Nadia Bukhari / Pakistan Pharmacist Association & UCL School of Pharmacy, Pakistan

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:50
4. Overcoming barriers in pharmaceutical practice, education and science
   Panel discussion:
   Claire Thompson / Agility Health Tech, UK
   Nadia Bukhari / Pakistan Pharmacist Association & UCL School of Pharmacy, Pakistan
   Israel Bimpe / Zipline International Inc., Rwanda
   Patricia Acuña Johnson / University of Valparaiso, Chile
   Aya Jamal / International Pharmaceutical Students' Federation, Sudan

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the global state of gender equity in global health and leadership
2. Inform others about the progress and state of women workers in pharmacy and the pharmaceutical sciences
3. Describe leadership development experiences and challenges from different pharmacy sectors

Type of session
Knowledge-based

D17 | CONFERENCE HALL B2

What's new in practice? / Part 1

Short oral presentations selected from submitted abstracts

CODE:

CHAIRS

Timothy Chen

Vivien Tong / The University of Sydney, Australia

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:20

1. Building antimicrobial stewardship capacity in four countries through a health partnership model
   Dennis Sena Awitty / Pharmaceutical Society of Ghana, Ghana

09:20 – 09:30

2. Impact of antibiotic stewardship intervention in paediatric wards of a Nigerian tertiary hospital
   Chinenye Onodugo / University of Nigeria Teaching Hospital, Nigeria

09:30 – 09:40

3. Assessments post-mental health first aid training among pharmacy students: Are scores enough?
   Sarira El-Den / The University of Sydney, Australia

09:40 – 09:50

4. Magnitude of self-reported depression and its correlates among young adult Albanians
   Suela Kellici / University of Medicine Tirana, Albania

09:50 – 10:00

5. Admission predictors of success: 5-year report of an international-trained PharmD (ITPD) program
   Shaun Gleason / University of Colorado, Skaggs School of Pharmacy and Pharmaceutical Sciences, USA

10:00 – 10:10

6. Evaluation of peer assessment in teaching patient presentation skills
   Zhe Han / National University of Singapore, Singapore

TUESDAY SEP 24 09:00 - 12:00

10:10 – 10:20

7. Effect of pictogram-based instructions on the Lebanese population's comprehension of medication orders
   Nisreen Ahmad Mourad / Lebanese International University, Lebanon

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 10:50

8. The development, validation and usability of the medication discrepancy taxonomy (MedTax)
   Enas Almanasreh / The University of Sydney, Australia

10:50 – 11:00

9. Assessment of pharmacists' medication reconciliation knowledge in two selected Nigerian hospitals
   Akinniyi Akinbiyi Aje / University of Ibadan, Nigeria

11:00 – 11:10

10. Home Safe - How pharmacists can help high risk patients navigate the care continuum
    Deirdre Thelma Criddle / Sir Charles Gairdner Hospital, Australia

11:10 – 11:20

11. The administration sequel of high dose IV vitamin C on IL18 & NRF2 in patients with ARDS in Egypt
    Nada Hazem Farrag / New Giza University, Egypt

11:20 – 11:30

12. Case control study about the risk of pancreatic cancer with Dipeptidyl Peptidase-4 inhibitors
    Maryline Hikmat Mansour / Lebanese International University, Lebanon

11:30 – 11:40

13. HIV patients' visual identification of dispensed medicines at Kwara State Public Hospitals, Nigeria
    Felicia Esemekiphoraro Williams / University of Ilorin, Nigeria

11:40 – 11:50

14. Embedding pharmacy services in patient care through integration in national health care standards
    Anja St. Clair Jones / Brighton & Sussex University Hospitals, UK

11:50 -11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives

At the end of this session, participants will be able to:

1. Outline results of recent studies in pharmacy practice
2. State new initiatives of pharmacy practice that can be adapted based on presented information
3. Share actionable application of results of recent studies in pharmacy practice

Type of session

Knowledge-based

TUESDAY SEP 24 10:40 - 12:00

D15 | CONFERENCE HALL A – SECTION A

The Namibia Project: A Basel statement hospital pharmacy practice survey of hospitals

CODE:

Duration: 1.5h
Organised by FIP's Hospital Pharmacy Section

CHAIR

Marianne Ivey / FIP HPS, USA

SPEAKERS

Dan Kibuule / University of Namibia, Namibia
Marianne Ivey / FIP HPS, USA

Learning objectives
At the end of this session, participants will be able to:

1. Identify the survey process, including face-to-face interviews to determine the practice status of four hospitals in Namibia
2. List the most significant gaps in practice as identified by the survey
3. Describe the activities taken by the surveyors and Namibian pharmacists to determine next steps to close some of the practice gaps
4. Identify resources available for additional countries' use of the FIP HPS Basel Statements

Type of session
Knowledge-based

TUESDAY SEP 24 09:00 - 10:20

D25 | CONFERENCE HALL A – SECTION A

Hot Topic Session:
Vaccines demystification in the era of "fake news"

CODE:

Duration: 1h20m
Organised by the FIP Congress Programme Committee

CHAIR

Lisa Nissen / Queensland University of Technology, Australia

SPEAKERS

Lily Parsey / International Longevity Center, UK
Mitch Rothholz / American Pharmacists Association, USA
Caterina Suitner / University of Padova, Italy

Learning objectives
At the end of this session, participants will be able to:

1. Judge why misinformation about vaccinations is a concern
2. Formulate advice for worried parents about the benefits of vaccines versus potential risks
3. Dispute claims of anti-vaccinationists
4.. Analyse roles of pharmacists in vaccination beyond administering vaccines

Type of session
Application-based

TUESDAY SEP 24 12:30 - 14:00

B3 | CONFERENCE HALL A – SECTION A

Gamification — The pharmacist as playmaster!

CODE:

Duration: 1.5h
Organised by FIP's Community Pharmacy Section, in collaboration with the FIP SIG on Pharmacy Practice Research

CHAIR

Charlotte Rossing / Pharmakon, Denmark

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, health and medicines information, social and administrative pharmacy, ethics

PROGRAMME

12:30 – 12:40
Introduction by the chair

12:40 – 13:15
2. Gamification — The case of DrugStars
   Claus Møldrup / DrugStars, Denmark

13:15 – 13:50
3. The role of professionals in a new technological era
   Darrin Baines / Bournemouth University, UK

13:50 – 13:55
Conclusion by the chair

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the concept of gamification
2. Distinguish — from a case — how principles of gamification can be applied in compliance technologies, and describe the results
3. Express the future role of pharmacists counselling patients who "Play with their medicines"
4. Explain the importance of pharmacy being part of this development

Type of session
Knowledge-based

TUESDAY SEP 24 12:30 - 14:00

C4 | CONFERENCE HALL A – SECTION B & C

One approach doesn't fit all: Need for country specific interventions to promote appropriate use of antibiotics

CODE:

Duration: 1.5h
Organised by FIP's Health and Medicines Information Section

CHAIRS

Parisa Aslani / The University of Sydney, Australia
Azmi Hassali / Universiti Sains Malaysia, Malaysia

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, social and administrative pharmacy

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 12:50
1. Clinical and economic impact of antibiotic resistance in developing countries
   Sabiha Essack / University of KwaZulu-Natal, South Africa

12:50 – 13:05
2. Evidence-based interventions to improve appropriate use of antibiotics: The Sri Lankan experience
   Shukry Zawahir / The University of Ruhuna, Sri Lanka

13:05 – 13:20
3. How to educate the general public on rational use of antibiotics: The Malaysian experience
   Azmi Hassali / Universiti Sains Malaysia, Malaysia

13:20 – 13:35
4. Intervention to improve appropriate prescribing: The Philippine experience
   Yolanda Robles / The Philippines Pharmaceutical Association, Philippines

13:35 – 13:50
5. Interventions used to improve appropriate dispensing of antibiotics among the general public: The Middle Eastern experience
   Reem Al-Essa / Ministry of Health, Kuwait

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the current AMR-related burden in developing countries
2. Identify the types of interventions aimed at improving appropriate use of antibiotics that have been effective and those that have been challenging
3. Describe country or region-specific interventi-on(s) to promote appropriate use of antibiotics

Type of session
Knowledge-based

TUESDAY SEP 24 12:30 - 14:00

D21 | CONFERENCE HALL B1

SIGN 2 — Sharing ideas in a global network: Re-thinking medicines and their use

CODE:

Duration: 1.5h
Organised by FIP

CHAIR

Eeva Teräsalmi / FIP, Finland

PROGRAMME

12:30 – 12:35
Introduction by the Chair

12:35 – 12:50
1. Looking forward to Seville 2020! The digital transformation of medicines
   Raquel Martínez and Ana López-Casero / General Pharmaceutical Council of Spain, Spain

12:50 – 13:05
2. Improving the quality of pharmacy compounding practice
   Fe-Lin Lin Wu / Taiwan Society of Health-System Pharmacists, China Taiwan

13:05 – 13:20
3. Initiatives to promote local production of active pharmaceutical ingredients and other raw materials in Nigeria
   Mazi Sam Ohuabunwa / Pharmaceutical Society of Nigeria, Nigeria

13:20 – 13:35
4. Pharmaceutical patient consultation by Dutch community pharmacists
   Sylvia Blind / Royal Dutch Pharmacists Association KNMP, The Netherlands

13:35 – 13:55
Questions from the audience and debate

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the leading projects of FIP member organisations
2. Tell pioneering initiatives from FIP member organisations in their country
3. Specify challenges pharmacist face in different settings and countries around the globe
4. Express ideas about advancing pharmacy to a global audience

Type of session
Knowledge-based

TUESDAY SEP 24 14:30 - 17:30

A2 | CONFERENCE HALL A – SECTION A

Pharmacists' role in medical devices: From diagnosis to monitoring of therapy

CODE:

Duration: 3h
Organised by FIP's Hospital Pharmacy Section, in collaboration with the FIP SIG on Translational Research and Precision Medicine

CHAIRS

Jonathan Penm / The University of Sydney, Australia
Lisa Potter / University of Chicago Medicine, USA

TOPIC

New trends in science, practice and education
Targeted audience: Community pharmacy, health and medicines information, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Introduction to medical technology assessment — Methods and the pharmacist's role
   Lee Vermeulen / University of Kentucky, USA

15:00 – 15:25
2. Deliberative frameworks for medical technology assessment
   Harindra Wijeysundera / Canadian Agency for Drugs and Technologies in Health — CADTH, Canada

15:25 – 15:50
3. The pharmacists' role in device use in primary care settings
   Claire O'Reilly / The University of Sydney, Australia

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:35
4. New technologies on the horizon
   Ash Hopkins / Flinders University, Australia

16:35 – 17:20
5. Fishbowl discussion with audience, plus Q&A session

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe new and emerging therapeutic devices that will influence healthcare
2. Identify pharmacists' role related to devices used for diagnosis and monitoring
3. Describe the role and key steps and considerations of health technology assessments on medical devices
4. Outline pharmacists' role in medical device safety and health technology assessment

Type of session
Knowledge-based

TUESDAY SEP 24 14:30 - 17:30

B1 | CONFERENCE HALL A – SECTION D

Empowering women as agents of better health

CODE:

Duration: 3h
Organised by the FIP Bureau, in collaboration with FIP's Health and Medicines Information Section

CHAIRS

Ema Paulino / FIP, Portugal
Zuzana Kusynová / FIP, Netherlands

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, social and administrative pharmacy, ethics

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Introduction of the roles of the pharmacist in empowering women to be authentic champions of change in the healthcare of their family and community — Key findings of FIP report
   Parisa Aslani / FIP HaMIS, Australia

15:00 – 15:25
2. The role of the pharmacist and the healthcare team in delivering services to educate women about healthcare: Highlight of services in Costa Rica
   Sofia Segura / College of Pharmacists of Costa Rica, Costa Rica

15:25 – 15:50
- Highlight of services in Africa and the Middle East
  Nsovo Mayimele / Women Deliver, South Africa

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:35
- Highlight of services in Europe / Canada / America
  Régis Vaillancourt / Children's Hospital of Eastern Ontario, Canada

16:35 – 17:20
3. Panel discussion about the key components of strategies and/or services that pharmacists can deliver to educate women and empower them in the healthcare of their family and community
   Moderator: Sandra Carey / McCann Health Global Pharmacy, USA

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the role of the pharmacist within a collaborative multidisciplinary healthcare team to empower women as authentic champions of change
2. Explain the key features of existing programmes delivered by pharmacists and other healthcare professionals to empower women
3. Prepare strategies that can be delivered at local, regional and national levels to empower women as champions of change

Type of session
Knowledge-based

TUESDAY SEP 24 14:30 - 17:30

B4 | CONFERENCE HALL A – SECTION B & C

Working together to score the goals: How are the FIP workforce development goals being globally implemented?

CODE:

Duration: 3h
Organised by FIPEd, in collaboration with FIP's Academic Pharmacy Section, IPSF and the YPG

CHAIRS

Aniekan Ekpenyong / FIP YPG, Nigeria
Toyin Tofade / Howard University, USA

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, military and emergency pharmacy, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. From evidence to impact: How FIPEd is working to transform the global workforce
   Ian Bates / UCL School of Pharmacy, UK

15:00 – 15:50
2. Engaging FIP member organisations in identifying implementation priorities for strengthening the local pharmaceutical workforce: Examples of country-level implementation
   Introduction by Lina Bader / FIP, Saudi Arabia
   Nurul Falah Eddy Pariang / Indonesian Pharmacists Association, Indonesia
   Samira Goussous / Jordan Pharmacists Association, Jordan
   Hrant Danagulyan / Pharmaprogress, Armenia
   Amy Chan / University of Auckland, New Zealand)
   Loa Maria Magnusdottir / Pharmaceutical Society of Iceland, Iceland

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
3. Engaging youth to enable the progress of the workforce development roadmap: Examples of implementation initiatives led by the young practitioner workforce
   Sherly Meilianti / FIP YPG, Indonesia
   Aniekan Ekpenyong / Global Health Focus, Nigeria
   Asmaa Alhaqan / UCL School of Pharmacy, UK & Kuwait

16:45 – 17:20
4. Lightning round and workshop: Ongoing projects and setting priorities for the future

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Evaluate the latest global progress on PWDG implementation planning and impact
2. Demonstrate how the PWDGs can be implemented on a national level
3. Differentiate global PWDG implementation priorities to inform FIPEd planning and agenda

Type of session
Application-based

TUESDAY SEP 24 14:30 - 17:30

C5 I CONFERENCE HALL B1

Adapting to change — Implications on the profession of pharmacy

CODE:

Duration: 3h
Organised by the FIP Congress Programme Committee

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, health and medicines information, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy, ethics

CHAIRS

Lars-Åke Söderlund / Apoteket AB Healthcare, Sweden
Betty Chaar / The University of Sydney, Australia

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Emerging therapies and implications
   Bruno Sepodes / European Medicines Agency / University of Lisbon, UK / Portugal

15:00 – 15:25
2. Implementing change in practice — Managing innovation in a brave new world
   Dixon Thomas / Gulf Medical University, UAE

15:25 – 15:50
4. Clinical pharmacy of the new age — What does it look like?
   Natalie Schellack / Sefako Makgatho Health Sciences University, South-Africa

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
5. Pharmacy serving the community in the new age — What does it look like?
   Ines Krass / The University of Sydney, Australia

16:45 – 17:20
6. Ethical implications and summary
   Betty Chaar / The University of Sydney, Australia

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Identify the emerging trends in science and gene/cell therapy and how they will affect pharmacy
2. Explain the new role of clinical pharmacy
3. Describe the future role of community pharmacy, linked to the rapidly changing healthcare environment
4. Describe the ethical implications for pharmacy when adapting to changes

Type of session
Knowledge-based



D18 | CONFERENCE HALL B2

What's new in practice? / Part 2

Short oral presentations selected from submitted abstracts

CODE:

CHAIRS

Timothy Chen / The University of Sydney, Australia
Martin Astbury / FIP Community Pharmacy Section, UK

PROGRAMME

14:30 – 14:40
Introduction by the chairs

14:40 – 14:50
1. MyCare start: Feasibility study of a new medicines service in Swiss community pharmacies
   Martine Ruggli / pharmaSuisse, Switzerland

14:50 – 15:00
2. A collaborative approach for an Australian minor ailments scheme
   Sarah Dineen-Griffin / University of Technology Sydney, Australia

15:00 – 15:10
3. Thoroughness of community pharmacists' assessment and communication using the patient care process
   Mohammad Nusair / Yarmouk University, Jordan

15:10 – 15:20
4. Emerging roles of pharmaceutical technologists and technicians
   Lilian Azzopardi / University of Malta, Malta

15:20 – 15:30
5. Enhancing collaboration through the One Pharmacy Community Framework
   David Steeb / University of North Carolina, Eshelman School of Pharmacy, USA

TUESDAY SEP 24 14:30 - 17:30

15:30 – 15:40
6. Vaccine coverage among pharmacy residents in France
   Lelia Abad / Hospices Civils de Lyon, France

15:40 – 15:50
Q & A

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:20
7. More risk group citizens receive influenza vaccinations when it is offered by community pharmacies
   Anja Toudahl / Practio, Denmark

16:20 – 16:30
8. Tick-borne encephalitis vaccination in Swiss community pharmacies in 2018
   Martine Ruggli / pharmaSuisse, Switzerland

16:30 – 16:40
9. Contribution of community pharmacies in the prevention and control of benign prostatic hyperplasia
   Joana Brito / Farmacias Holon, Portugal

16:40 – 16:50
10. Low service quality and poor medicines adherence — Performance indicators for community pharmacies
    Stephen Carter / The University of Sydney, Australia

16:50 -17:00
11. Impact of an e-learning and in-service continuing education course on pharmaceutical services
    Silvana Nair Leite / Federal University of Santa Catarina, Brazil

17:00 – 17:10
12. Improving pharmacist capability to use quality improvement methodology for antimicrobial stewardship
    Elizabeth Ward / Royal Pharmaceutical Society, UK

17:10 – 17:20
13. Antimicrobial stewardship: Pharmacists' awareness and knowledge in Nigeria
    Ejikemeuwa Benedict Eya / Lydacon Pharmaceutical Ltd., Nigeria

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Outline results of recent studies in pharmacy practice
2. State new initiatives of pharmacy practice that can be adapted based on presented information
3. Share actionable application of results of recent studies in pharmacy practice

Type of session
Knowledge-based

WEDNESDAY SEP 25 07:15 - 08:45

D10 | CONFERENCE HALL B2

Finding the humanitarian face of pharmacy

CODE:

Duration: 1.5h (light breakfast at 07:00)
Organised by FIP's Community Pharmacy Section, in collaboration with the Military and Emergency Pharmacy Section

CHAIR

Warren Meek / C7 Consulting Limited, Canada

TOPIC

Targeting special interests
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, military and emergency pharmacy, social and administrative pharmacy, ethics

PROGRAMME

07:15 – 07:25
Introduction by the chair

07:25 – 08:00
1. Role of universities in humanitarian pharmacy practice
   Robert Leopold / D'Youville School of Pharmacy, New York, USA

08:00 – 08:35
2. Managing quality of service and personal competencies in humanitarian situations
   Amy Kruger Howard / University of Maryland, USA

08:35 – 08:40
Conclusion by the chair

08:40 – 08:45 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe and develop the role of the pharmacist in emergency situations
2. Identify the requirement for unique policies and procedures in these situations
3. Identify the planning framework required for pharmacist involvement and collaboration in a humanitarian effort
4. Describe how pharmacists may become involved in humanitarian projects

Type of session
Knowledge-based

WEDNESDAY SEP 25 09:00 - 12:00

A3 | CONFERENCE HALL B1

Cell based gene therapy — Promise and challenges

CODE:

Duration: 3h
Organised by FIP's Hospital Pharmacy Section, in collaboration with the Industrial Pharmacy Section

CHAIRS

Ryan Forrey / FIP Hospital Pharmacy Section, USA
Igor Linhares de Castro / BiocadBrazil Farmaceutica Ltd, Brazil

TOPIC

New trends in science, practice and education
Targeted audience: Industrial pharmacy, pharmacy education and academic pharmacy, policy, regulation, hospital pharmacy, pharmaceutical sciences

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:45
1. Introduction to cell-based therapies — How they work and what they do
   Didier Mouliom / One Quality of Life, Cameroon

09:45 – 10:20
2. Formulary and logistical considerations with the introduction of cell-based gene therapies-
   Sue Kirsa / Monash Health, Australia

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:05
3. Cell-based gene therapies in oncology: Case study of the challenges of CAR-T therapy
   Jill Kolesar / University of Kentucky, USA

11:05 – 11:30
4. Introducing cell-based gene therapies into the healthcare system — Pharmacoeconomic challenges
   Josep Guiu / Catalan Health and Social Care Consortium, Barcelona

11:30 – 11:50
5. Panel discussion

11:50 – 11:55
Conclusion by the chair

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Define gene therapy and describe the challenges with the development of cellular therapies and their commercialisation
2.. Describe the challenges and considerations in introducing gene therapy into the healthcare system, including formulary, safe handling and logistical issues
3. Describe the challenges presented by the introduction of CAR-T therapies in the management of cancer and the role of pharmacists in assuring safe and rational use
4. Describe the pharmacoeconomic impact of gene therapies and potential approaches to deal with the significant costs

Type of session
Knowledge-based

WEDNESDAY SEP 25 09:00 - 12:00

A4 | CONFERENCE HALL A – SECTION D
Internet pharmacy — Risks versus benefits

CODE:

Duration: 3h
Organised by FIP's Social and Administrative Pharmacy Section, in collaboration with the Community Pharmacy Section and the Health and Medicines Information Section

CHAIR
Yejide Oseni / Pharmacists Council of Nigeria, Nigeria

TOPIC
New trends in science, practice and education
Targeted audience: Community pharmacy, health and medicines information, policy, regulation, social and administrative pharmacy

PROGRAMME

09:00 – 09:10
Introduction by the chair

09:10 – 09:45
1. Selected country case studies for online pharmaceutical care services
   Ukamaka Okafor / Pharmacists Council of Nigeria, Nigeria

09:45 – 10:20
2. What are the advantages and disadvantages to accessing medicines online: High-income country perspective
   Filipa Alves da Costa / University of Lisbon, Portugal

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:05
3. What are the advantages and disadvantages to accessing medicines online: Low- and middle-income country perspective
   Azmi Hassali / Universiti Sains Malaysia, Malaysia

11:05 – 11:30
4. An overview of ethical and legal ramifications for the delivery of medicines and pharmaceutical care services online
   Ardalan Mirzaei / The University of Sydney, Australia

11:30 – 11:50
5. Panel discussion: Consumer and pharmacist expectations for the delivery of pharmaceutical care services online

11:50 – 11:55
Conclusion by the chair

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Investigate the scope of online pharmaceutical services vis-à-vis medicine procurement, distribution, online prescriptions, internet drug information, pharmaceutical care services, etc.
2. Evaluate the advantages and risks associated with access to medicine online
3. Analyse consumer use of the internet for medicine information and access to medicines and its implications on health
4. Evaluate some country case studies of online pharmacy services with the aim of assessing their appropriateness and adaptability

Type of session
Application-based

WEDNESDAY SEP 25 09:00 - 12:00

B5 | CONFERENCE HALL A – SECTION A
Transition from "fact-based teaching" to "complex clinical problem solving"

CODE:

Duration: 3h
Organised by FIP's Academic Pharmacy Section, in collaboration with IPSF

CHAIRS
Carl Schneider / The University of Sydney, Australia
Linda Garrelts MacLean / Washington State University, USA

TOPIC
New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, hospital pharmacy, pharmaceutical sciences, ethics

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:45
1. Learning to play safely: Simulation environments for clinical decision-making
   Rebekah Moles / The University of Sydney, Australia

09:45 – 10:20
2. "Soft" skills aren't so easy: Incorporating affective skills in pharmacy education
   Marietta Basson / North West University, South Africa

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:15
3. Focusing on the problem, not the disease state
   Jodie Malhotra / University of Colorado, USA

11:15 – 11:50
4. Contributions of students in the practice environment
   Dalia Bajis / The University of Sydney, Australia

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Differentiate potential methods for educating student pharmacists to not only make interventions but also collect and use data from those interventions
2. Demonstrate how FIP's PWDG 11 may help to expand the use of pharmacy services
3. Construct affective cognitive skill development in pharmacy curricula
4. Draw ways to transition pharmacy education from fact-based (lower level Bloom's taxonomy) to problem solving (higher level Bloom's taxonomy)

Type of session
Application-based

WEDNESDAY SEP 25 09:00 - 12:00

B6 | CONFERENCE HALL A – SECTION B & C

Implementing advanced patient services with tangible outcomes

CODE:

Duration: 3h
Organised by FIP's Community Pharmacy Section

CHAIRS

Manjiri Gharat / Indian Pharmaceutical Association, India
Charlie Benrimoj / Pharmacy Practice, Australia

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, health and medicines information, social and administrative pharmacy

PROGRAMME

09:00 – 09:05
Introduction by the chairs

09:05 – 09:30
1. What are "patient services" and how to execute them in daily practice
   Paulien Schul / Change for PS, Netherlands

09:30 – 09:55
2. Future opportunities of e-health (m-health/d-health) in patient empowerment
   Lars-Åke Söderlund / Apoteket, Sweden

09:55 – 10:20
3. Data and metrics: How to deliver tangible outcomes in your patient services
   Nina Felton / HEALTH-fi, UK

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:05
4. Case studies of developed, implemented and executed patient services, including deliverable outcomes
   Victoria Garcia Cardenas / University of Technology Sydney, Australia)

11:05 – 11:30
5. Introduction and explanation of a value-based pricing model (for the workshop)
   Paulien Schul / Change for PS, Netherlands

11:30 – 11:50
6. Interactive workshop: Value-based pricing model
   Paulien Schul / Change for PS, Netherlands

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Formulate usable and implementable patient services for daily healthcare practice
2. Operate the key principles of implementation of patient services including use of e-health tools and monitoring outcomes
3. Evaluate impacts/outcomes, thus the value of patient services via data and metrics
4. Perform patient services in a value-based pricing model and in collaborative approach (involve and engage stakeholders)

Type of session
Application-based

WEDNESDAY SEP 25 09:00 - 12:00

D11 | CONFERENCE HALL B2

Rising to the challenge: Evolving roles of emergency pharmacists

CODE:

Duration: 3h
Organised by the FIP Military and Emergency Pharmacy Section

CHAIRS

Wendy Walker / FIP Military and Emergency Pharmacy Section, Australia
Steve Shaddock / Australian Defence Force, Australia

TOPIC

Targeting special interests
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, military and emergency pharmacy, policy, regulation, hospital pharmacy

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:45
1. Non-governmental organisation pharmacist fighting the cholera crisis in Yemen
   Pernille Miller / Médecins Sans Frontières, Denmark

09:45 – 10:20
2. Update on the Syrian refugee situation: Lebanese pharmacist's perspective
   Nisreen Mourad / Lebanese International University, Lebanon

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:15
3. Japanese Red Cross pharmacist's role in Rohingya refugee camps
   Eiko Kobayashi / Japanese Red Cross, Japan

11:15 – 11:50
4. Saving children's lives: Deployment to the Democratic Republic of The Congo
   Petra Straight / Save the Children, UK

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the role of an emergency pharmacist in refugee situations
2. Explain the experiences gained on deployment(s) that an emergency pharmacist has undertaken
3. Explain the lessons learnt from deployments

Type of session
Knowledge-based

WEDNESDAY SEP 25 12:30 - 14:00

A5 | CONFERENCE HALL A – SECTION D

Supplying medicines in the age of the internet colossuses

CODE:

Duration: 1.5h
Organised by the FIP Community Pharmacy Section, in collaboration with the FIP Industrial Pharmacy Section

CHAIR

Jaime Acosta Gómez / Farmacia Acosta, Spain

TOPIC

New trends in science, practice and education
Targeted audience: Community pharmacy, industrial pharmacy, health and medicines information, policy, regulation, hospital pharmacy

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 13:00
1. Is distribution of products dead? New players in the pharmaceutical arena
   Girgis Abd El-Shahid / Shahid Law Firm, Egypt

13:00 – 13:25
2. Hammock healthcare and the digital pharmacist
   Claudia Rijcken / pharmacare.ai, Netherlands

13:25 – 13:50
3. Can independent pharmacies compete with the internet colossuses?
   Michel van de Beek / Swyft Healthcare, Netherlands

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe what efficiencies internet giants bring to product and medicines logistics
2. Outline how pharmacies can create a collaborative network to compete and adapt
3. Describe ways of taking advantage of modern online marketplaces
4. List self-beliefs about dominant online market players

Type of session
Knowledge-based

WEDNESDAY SEP 25 12:30 - 14:00

C6 | CONFERENCE HALL B1

Superdrugs for superbugs: Antibiotics of the future

CODE:

Duration: 1.5h
Organised by FIP's Industrial Pharmacy Section, in collaboration with the Clinical Biology Section, the Community Pharmacy Section, the Hospital Pharmacy Section, the Social and Administrative Pharmacy Section and the YPG

CHAIRS

Prateek Jain / Biopharma Insights, India
Cody Midlam / Willis Towers Watson Health and Benefits, USA

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, industrial pharmacy, health and medicines information, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 13:00
1. Revenge of the fallen: The industry fights back with research and development of new antibacterials
   Zeeshan Khan / Kings College Hospital, Dubai, UAE

13:00 – 13:25
2. Challenges and opportunities in antimicrobial stewardship: The need for innovation and collaboration
   Vaiyapuri Subramaniam / Pharmaceutical Compounding & Management Standards Consulting, USA

13:25 – 13:50
3. Emerging and non-traditional approaches of antimicrobial drug development
   Prateek Jain / Biopharma Insights, India

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Express new insight into developments for treating Gram-negative and Gram-positive infections
2. Outline guidelines for successfully seeking funding and partnership, and the CARB-X initiative
3. Identify the non-traditional approaches to antimicrobial drug development, including biologic drugs and combination treatments
4. Describe the ways in which pharmacists can support drug development by collaborating with research industries, academia, hospitals, community and policymakers

Type of session
Knowledge-based

WEDNESDAY SEP 25 12:30 - 14:00

D12 | CONFERENCE HALL A – SECTION B & C

Competency framework for academic staff in pharmacy education

CODE:

Duration: 1.5h
Organised by FIP's Academic Pharmacy Section, in collaboration with FIPEd

CHAIR

John Pieper / University of St. Louis, USA

TOPIC

Targeting special interests
Targeted audience: Pharmacy education and academic pharmacy, policy, regulation

PROGRAMME

12:30 – 12:35
Introduction by the chair

12:35 – 12:55
1. Why do we need a competency framework for academic staff in pharmacy education?
   Ian Bates / FIP Workforce Development Hub, UK

12:55 – 13:15
2. Presenting the status of the FIP AcPS Competency Framework for Academic staff in Pharmacy Education
   Arijana Meštrović / Pharma Expert Consultancy and Education, Croatia

13:15 – 13:35
3. Assessing competency — Reflection, as a starting point to quality improvement
   Mike Rouse / Accreditation Council for Pharmacy Education, USA

13:35 – 13:50
4. Workshop activity — Self-assessment — Time to reflect!
   Facilitated by Arijana Meštrović and Mike Rouse

13:50 – 13:55
Conclusion by the chair

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Investigate different aspects of competencies for academics in pharmacy
2. Adopt and reflect on the list of specific behaviours describing the competency framework for academic staff in pharmacy
3. Evaluate the level of competencies in the self-assessment process

Type of session
Application-based

WEDNESDAY SEP 25 12:30 - 14:00

D22 | CONFERENCE HALL A – SECTION A

SIGN 3 — Sharing ideas in a global network: Workforce transformation — Advanced competence for advanced services

CODE:

Duration: 1.5h
Organised by FIP

CHAIR

William Charman / FIPEd, Australia

PROGRAMME

12:30 – 12:35
Introduction by the chair

12:35 – 12:50
10. 1. Convergence of medicine and technology: The need for continuing professional education
    Rikke Løvig Simonsen / Pharmadanmark, Denmark

12:50 – 13:05
11. 2. FIP Workforce Transformation Programme — Implementation and progress in Jordan
    Samira Goussous / Jordan Pharmacists Association, Jordan

13:05 – 13:20
12. 3. Advancing practice for the workforce in Indonesia — A national transformation programme with FIP
    Nurul Falah Eddy Pariang / Indonesian Pharmacists Association, Indonesia

13:20 – 13:35
13. 4. Self-care in the Russian Federation: Forced or informed choice? Training pharmacists to change the situation
    Roza Yagudina / Moscow Pharmaceutical Society, Russian Federation

13:35 – 13:45
5. Message from the WHO Health Workforce Department
   Tana Wuliji / World Health Organization, Switzerland

13:45 – 13:55
Questions from the audience and debate

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the leading projects of FIP member organisations
2. Tell pioneering initiatives from FIP member organisations in their country
3. Specify challenges pharmacist face in different settings and countries around the glob;
4. Express ideas about advancing pharmacy to a global audience

Type of session
Knowledge-based

WEDNESDAY SEP 25 13:30 - 17:30

D3 | CAPITAL SUITE 7

8th Global Pharmacy Technicians' Symposium / Session I

Emerging and changing roles for pharmacy technicians

CODE:

CHAIRS

Susan James / Ontario College of Pharmacists, Canada
Ian Bates / UCL School of Pharmacy, UK

PROGRAMME

Part 1: Keynote Presentations

13:30 – 13:35
Introduction by the chairs

13:35 – 14:20
1. Investing in the global pharmacy support workforce
   Tana Wuliji / *Health Workforce Department, World Health Organization, Switzerland*

14:20 – 15:05
2. Enabling pharmacy technicians for transformed roles
   Angie Lim / *National Healthcare Group Pharmacy, Singapore*

15:05 – 15:50
3. Pharmaconomists' contribution to patient safety in a rehabilitation department
   Jette Seidelin / *Pharmaconomist, Denmark)*

15:50 – 16:10 COFFEE / TEA BREAK

Part 2: Global Showcase

Oral presentations

16:10 – 16:40
1. Emerging roles of pharmaceutical technologists and technicians in Malta
   Christ Xerri / *University of Malta, Malta*

16:40 – 17:10
2. Medicine dispensers in Tanzania — A new pharmaceutical cadre to serve rural health care facilities
   Karin Wiedenmayer / *Swiss Centre for International Health, Swiss Tropical and Public Health Institute, Switzerland*

One-minute poster snapshots

17:10 – 17:15
3. Immunising pharmacy technicians and pharmacy workflow: Pharmacists' opinions
   Kimberly McKeirnan / *Pharmacotherapy, Washington State University, USA*

17:15 – 17:20
4. The collaboration between Steno Pharmacy and Danish acute clinics
   Mia Madsen / *Steno Pharmacy, Denmark*

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives

At the end of this session, participants will be able to:
1. Specify the underlying health system and workforce development drivers that lead to development of pharmacy technician roles within different practice and country contexts
2. Identify specific examples of new and emerging practice roles and responsibilities that pharmacy technicians are assuming and that may be adapted to their own practice
3. Outline strategies to enhance the contribution of pharmacy technicians and other pharmacy support workers to optimise the delivery of pharmaceutical services and promote sustainable healthcare services

Type of session

Knowledge-based

THURSDAY SEP 26 09:00 - 12:00

D4 | CAPITAL SUITE 7

8th Global Pharmacy Technicians' Symposium / Session II

Developing a model competency development framework

CODE:

CHAIRS

Christina Durinck / European Association of Pharmacy Technicians, Denmark
Cathy Schuster / Canadian Council for Accreditation of Pharmacy Programs, Canada

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:40
1. Developing a competent and adaptive pharmacy technician workforce
   Carolyn Ho / *Ministry of Health, Singapore*

09:40 – 10:00
2. Pharmacy support workforce and services skill mix in Mozambique
   Marcelle Claquin / *Ministry of Health, Mozambique*

10:00 – 10:20
2. Building a competent pharmacy support workforce for better primary healthcare
   Ian Bates / *UCL-FIP Collaborating Centre, UCL School of Pharmacy, UK*

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:15
3. Competency frameworks — How to develop?
   Andreia Bruno / *Monash University, Australia*

11:15 – 11:45
Q&A

11:45 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

12:00 – 13:30 LUNCH BREAK

Learning objectives

At the end of this session, participants will be able to:
1. Explain the basic principles and foundations related to defining competence for the pharmaceutical workforce
2. Describe the challenges that occur when trying to apply a common set of competencies across geographic borders
3. Define the benefit of using a competency-based model of education to achieve standardised practice in the workplace

Type of session

Knowledge-based

THURSDAY SEP 26 13:30 - 17:30

D4 | CAPITAL SUITE 7

8th Global Pharmacy Technicians' Symposium / Session III

Exploring the need for regulatory models for the pharmacy support workforce

CODE:

CHAIRS

Susan James / Ontario College of Pharmacists, Canada
Kat Hall / University of Reading, UK

PROGRAMME

Keynote presentations

13:30 – 13:35
Introduction by the chairs

13:35 – 14:20
1. Regulating pharmacy technicians across multiple jurisdictions:
   A case study from the United States
   Malcolm Broussard / Louisiana State Board of Pharmacy and National Association of Boards of Pharmacy, USA

14:20 – 15:05
2. Professional governance:
   Understanding its purpose
   Ema Paulino / FIP, Portugal

15:05 – 15:50
3. Regulatory models for the pharmacy support workforce
   Susan James / Ontario College of Pharmacists, Canada

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 17:10
Group discussion

17:10 – 17:25
Symposium wrap-up and close

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Forecast trends in the governance of health professions
2. Compare characteristics of different legal frameworks or regulatory models that are used to oversee the practice of pharmacy technicians and other pharmacy support workers
3. Compare key policy and programme initiatives that can be used to support the development of legal and regulatory models to govern pharmaceutical practice

Type of session
Application-based



WEDNESDAY SEP 25 14:30 - 17:30

A6 | CONFERENCE HALL B1

A 3d printer for every pharmacy?

CODE:

Duration: 3h
Organised by FIP's Industrial Pharmacy Section, in collaboration with the Community Pharmacy Section and the Hospital Pharmacy Section

CHAIRS

Gabrielle Wiederkehr / ACCESS Regulatory Consulting GmbH, Switzerland
Robert Moss / FIP HPS, Netherlands

TOPIC

New trends in science, practice and education
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, military and emergency pharmacy, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy

PROGRAMME

14:30 – 14:40
Introduction by the chairs

14:40 – 15:15
1. How does 3D printing of drugs work?
   Mary Kyobula / Astra Zeneca, UK

15:15 – 15:50
2. Personalised 3D-printed medicines: Perspectives and challenges for the hospital pharmacy
   Josep Guiu / University of Barcelona, Spain

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
3. Challenges and opportunities of 3D-printed drugs from the regulators' perspective
   Ahmed Zidan / CDER Division of Product Quality Research FDA, USA

16:45 – 17:20
4. 3D printing as an advance in personal healthcare — Pharmaceuticals and medical devices
   Michael Anisfeld / Globepharm Consulting Inc, USA

17:20 – 17:30
Panel discussion and conclusion by the chairs

17:30 – 17:35 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe 3D printing technology for drug printing
2. Identify key drivers and opportunities for 3D printing of drug products
3. Identify key barriers and issues to be addressed before 3D printing of drugs can become common practice
4. Describe the impact of 3D printing on patients and the research and development-based pharmaceutical industry

Type of session
Knowledge-based

fip ADVANCING PHARMACY WORLDWIDE

25 September

Let's celebrate!

The theme of this year's World Pharmacists Day is:
"Safe and effective medicines for all!"

Together let's make this year's celebrations the biggest to date

Download the **#WPD2019** app, make your own official video and share your **World Pharmacists Day** message far and wide.

www.fip.org/world-pharmacists-day



WEDNESDAY | SEP 25 | 14:30 - 17:30

A7 | CONFERENCE HALL A – SECTION B & C

The future of the pharmacy — Education and research

CODE:

Duration: 3h
Organised by the FIP SIG on Pharmacy Practice Research, in collaboration with FIPs' Academic Pharmacy Section and the YPG

CHAIRS

Charlotte Rossing / Danish College of Pharmacy Practice, Denmark
Abdikarim Abdi / Near East University, Turkey

TOPIC

New trends in science, practice and education
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Pharmacy practice research — Past and present
   Naoko Akarawa / University of Nottingham, UK

15:00 – 15:25
2. The future of pharmacy practice — Research topics to come
   Charlotte Rossing / Danish College of Pharmacy Practice, Denmark

15:25 – 15:50
3. How is pharmacy practice research taught in pharmacy?
   Victoria Garcia Cardenas / University of Technology Sydney, Australia

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
4. Workshop on topics for future scopes of pharmacy practice research — Using the "4D model"
   Muna Arif Al Juma / Higher College of Technology, Sultanate of Oman

16:45 – 17:20
5. Summing up — Presentation in plenum
   Facilitated by Charlotte Rossing and Muna Arif Al Juma

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Explain what is: evidence-based research
2. Describe the current state of pharmacy practice research
3. Express opportunities to contribute to the future of pharmacy practice research
4. Describe different approaches to teaching and learning pharmacy practice research methodology in pharmacy

Type of session
Knowledge-based

WEDNESDAY | SEP 25 | 14:30 - 17:30

B7 | CONFERENCE HALL A – SECTION D

Evolving from medicines seller to medicines expert (in Middle East and LMIC countries)

CODE:

Duration: 3h
Organised by FIP's Community Pharmacy Section, in collaboration with IPSF and the YPG

CHAIRS

Warren Meek / C7 Consulting Limited, Canada
Manjiri Gharat / Indian Pharmaceutical Association, India

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, health and medicines information, social and administrative pharmacy

PROGRAMME

14:30 – 14:35 Introduction by the chairs

14:35 – 15:00
1. Results from a 22-country survey of the Eastern Mediterranean Regional Office of WHO-EMRO: A survey of community pharmacists on current culture and preferred future for pharmacy
   Pierre Moreau / Kuwait University, Kuwait

15:00 – 15:25
2. The role of pharmacy in future health systems — Optimising the role of the pharmacist and the value of pharmacy as a gateway to care
   Warren Meek / C7 Consulting Limited, Canada

15:25 – 15:50
3. Enablers for system change
   Dixon Thomas / Gulf Medical University, UAE

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:50
5. Global examples of enhanced standards of care
   - Diabetes screening in Australia
     Ines Krass / The University of Sydney, Australia
   - NetCare in Switzerland
     Martine Ruggli / pharmaSuisse, Switzerland
   - Success stories of minor ailment prescribing in Canada
     Derek Jorgensen / University of Saskatchewan, Canada
   - Point-of-care testing in the USA
     Lawrence Brown / Chapman University, USA

16:50 – 17:20
6. Audience participation — Capturing elements to be considered for transitioning to a higher standard
   Facilitated by the chairs

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Identify why practice change is needed for community pharmacy
2. Describe the value proposition of pharmacy as the gateway to care
3. Describe how a system change can achieved
4. Outline a plan for repositioning pharmacy as the gateway to care

Type of session
Knowledge-based

WEDNESDAY SEP 25 14:30 - 17:30

B8 | CONFERENCE HALL A – SECTION A

Planning for disruption: Educating future pharmacists to navigate the winds of change

CODE:

Duration: 3h
Organised by FIP's Academic Pharmacy Section, in collaboration with IPSF

CHAIRS
Julie Akers / Washington State University, USA
Daisy Volmer / University of Tartu, Estonia

TOPIC
New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, hospital pharmacy

PROGRAMME

14:30 – 14:40
Introduction by the chairs

14:40 - 15:15
1. What is innovative disruption?
   Carl Schneider / The University of Sydney, Australia

15:15 – 15:50
2. Patient safety in a time of disease self-management
   Anthony Serracino Inglott / University of Malta, Malta

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
3. Universal health coverage — A game changer
   Mariet Eksteen / Pharmaceutical Society of South Africa, South Africa

16:45 – 17:20
4. Empowering students to become ambassadors of the profession
   Louisa Sullivan / IPSF, Netherlands

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Analyse how disruptive innovation occurs and forecast potential disruptive innovations for the pharmacy profession
2. Compare educational strategies to facilitate adaptation of the pharmacy profession towards potential disruptive innovations
3. Evaluate how educational tools empower pharmacists to support patient safety through pharmacovigilance
4. Lay out educational strategies for early professional development which give student pharmacists the confidence to explain the value of pharmacists to the public and other healthcare practitioners in a disrupted environment

Type of session
Application-based

WEDNESDAY SEP 25 14:30 - 17:30

D13 | CONFERENCE HALL B2

Innovations in military and emergency pharmacologistics

CODE:

Duration: 3h
Organised by FIP's Military and Emergency Pharmacy Section

CHAIRS
Nita Sood / U.S. Public Health Service, USA
Jane Dawson / New Zealand Defence Force, New Zealand

TOPIC
Targeting special interests
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, military and emergency pharmacy, policy,

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Halal pharmaceuticals supply chain in the Malaysian Armed Forces
   Dato' Halim Hj Basari / Malaysian Armed Forces HQ Kuala Lumpur, Malaysia

15:00 – 15:25
2. Medical logistics for Finnish Red Cross clinics in northern Greek refugee camps
   Mari Savolainen / Finnish Red Cross, Finland

15:25 – 15:50
3. Pharmacy management of emergency situations at a national level
   Andi Shirtcliffe / Ministry of Health, New Zealand

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
4. Australian Defence Force pharmacist deployment
   Joon-Hee Wang / Australian Defence Force, Australia

16:45 – 17:20
5. History of Navy medicine
   Frederik Vongehr / Philipps University of Marburg, Germany

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe an effective and efficient pharmacologistics process
2. Explain the impact of halal pharmaceuticals on the supply chain and defence
3. Explain the different relationships needed for the pharmacologistics to operate effectively and efficiently
4. Categorise lessons learnt from successful and failed supply chain operation scenarios

Type of session
Knowledge-based

THURSDAY SEP 26 09:00 - 12:00

A8 | CONFERENCE HALL A – SECTION B & C

Integrating science and professional practice in pharmacy degrees

CODE:

Duration: 3h
Organised by FIP's Health and Medicines Information Section, in collaboration with the Academic Pharmacy Section and the Health and Medicines Information Section

CHAIRS
Vivien Tong / The University of Sydney, Australia
Dai John / Cardiff University, UK

TOPIC
New trends in science, practice and education
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy, ethics

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:45
1. Overview of curriculum change and redesign
   Chantal Pharand / University of Montreal, Canada

09:45 – 10:20
2. Case example 1 — The South African experience in integrating sciences and practice in the pharmacy curriculum
   Mariet Eksteen / Pharmaceutical Society of South Africa, South Africa

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:05
3. Case example 2 — The US experience in integrating sciences and practice in the pharmacy curriculum
   Pam Heaton / University of Cincinnati, USA

11:05 – 11:30
4. Case example 3 — The British experience in integrating sciences and practice in the pharmacy curriculum
   Adam Rathbone / University of Newcastle, UK

11:30 – 11:50
6. Workshop
   Participants will be asked to produce a targeted and tailored framework based on the presentations, which they can use to develop, implement, and evaluate integrated units of study within their pharmacy degrees. There will be a brief feedback session in which participants can present their framework to the group.
   Facilitated by the chairs

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the principles of curriculum review and redesign, with specific focus on the integration of science with professional practice subjects
2. Explain the development, implementation and evaluation of units of study where science has been integrated with professional practice
3. Describe examples of units of study and identify barriers and facilitators to the integration of science with professional practice
4. Outline a targeted and tailored framework for individual educational institutions, which can be used to develop, implement and evaluate integrated units of study

Type of session
Knowledge-based

THURSDAY SEP 26 09:00 - 12:00

C7 | CONFERENCE HALL B1

Green pharmacy practice: Educating our workforce to transition towards a greener profession

CODE:

Duration: 3h
Organised by FIP's Academic Pharmacy Section, in collaboration with the Industrial Pharmacy Section, IPSF and the YPG

CHAIRS
Safeera Hussainy / Monash University, Australia
Bengt Mattson / LIF, Sweden

TOPIC
Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy, ethics

PROGRAMME

09:00 – 09:05
Introduction by the chairs

09:05 – 09:30
1. What is green pharmacy? FIP's report on "Green pharmacy practice"
   Zuzana Kusynová / FIP, Netherlands

09:30 – 09:55
2. Pharmaceutical pollution in the environment: A growing problem
   Hamza Al-Zubaidi / Pharmacy Practice & Pharmacotherapeutics, UAE

09:55 – 10:20
3. How do we teach green pharmacy practice? Development, implementation and evaluation of a sustainable pharmacy curriculum
   Katherine Gruenberg / University of California San Francisco, USA

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:05
4. Leading by example: "Person in environment" (PIE) and the environmental dimension of antimicrobial resistance
   Jason Snape / AstraZeneca, UK

11:05 – 11:30
5. Redistribution of expensive medicines (e.g. cancer drugs) in hospital settings
   Charlotte Bekker / Radboud University Medical Center, The Netherlands

11:30 – 11:50
6. Panel discussion: Redistribution of expensive medicines in hospital settings and related risks and ethical questions

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Explain the concept of green pharmacy practice and the key recommendations for pharmacists in the 2015 FIP report on green pharmacy practice
2. Describe the entry into and impact of pharmaceuticals on the environment
3. Describe teaching approaches to incorporate sustainability within a pharmacy curriculum
4. Specify the risks and actions related to green pharmacy in an exemplar sector of practice

Type of session
Knowledge-based

THURSDAY SEP 26 09:00 - 12:00

C8 | CONFERENCE HALL A – SECTION A

The ethics forum — What does it mean to exercise "conscientious objection"?

CODE:

Duration: 3h
Organised by the FIP Expert Group on Ethics, in collaboration with FIP's Hospital Pharmacy Section and the YPG

CHAIRS

Betty Chaar / The University of Sydney, Australia
Maria Allinson / Keele University, UK

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, health and medicines information, hospital pharmacy, social and administrative pharmacy, ethics

PROGRAMME

09:00 – 09:10
Introduction by the chairs

09:10 – 09:45
1. What does it mean to exercise "conscientious objection"?
   Betty Chaar / FIP Ethics Expert Group, Australia

09:45 – 10:20
2. Pharmacists' moral distress and conscientious objection in relation to euthanasia
   Maria Allinson / Keele University, UK

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 11:15
3. Hospital pharmacy perspective on euthanasia in practice
   Robert Moss / FIP Hospital Pharmacy Section, Netherlands

11:15 – 11:50
4. Exercising conscientious objection in practice: Is it ethical?
   Debate: YPG vs the panel of experts, facilitated by Sami Isaac / FIP YPG, Australia

11:50 – 11:55
Conclusion by the chairs

11:55 – 12:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Adopt "conscientious objection" and its connotations in practice
2. Differentiate between different perspectives and cultural frameworks around the right of pharmacists to conscientious objection
3. Translate their own moral stand on this topic into pharmacists' involvement in challenging practice environments in the future

Type of session
Application-based

81st FIP World Congress of Pharmacy and Pharmaceutical Sciences

Brisbane, Australia
29 August – 2 September 2021

Together for a healthier world: Global solutions towards 2030



The 2021 FIP congress in Brisbane, Australia, invites pharmacy practitioners, pharmaceutical scientists and educators from across the globe to discuss how our world can become a healthier place and to develop effective solutions to reach this goal together.

Health is a fundamental human right with far-reaching impacts on our lives. To achieve a healthier world, effective engagement and collaboration on a global as well as a national level are needed. The congress theme "Together for a healthier world: Global solutions towards 2030" provides the opportunity to consider how pharmacy can create and implement the solutions needed. As we progress towards 2030, how will pharmaceutical science develop to address current and emerging unmet health needs?
How will practice evolve to create new opportunities for pharmacists? And how will education ensure that our workforce is equipped for the opportunities and challenges ahead? The answers will be explored in Brisbane.

Working hand-in-hand, FIP, its membership, global organisations and other partners can truly make a difference to the health of our populations.

Join us in Brisbane and be part of our mission.

Your hosts

The **International Pharmaceutical Federation** (FIP), together with the **Australasian Pharmaceutical Science Association**, the **Pharmaceutical Society of Australia** and the **Society of Hospital Pharmacists of Australia**

fip

BRISBANE 2021
FIP WORLD CONGRESS
29 August - 2 September

D19 | CONFERENCE HALL A – SECTION D

What's new in science and industry? / Part 2

Short oral presentations selected from submitted abstracts

CODE:

CHAIRS

Takuya Kumamoto / Hiroshima University, Japan
Masaru Kato / Showa University, Japan

PROGRAMME

09:00 – 09:10
Introduction by the chair

09:10 – 09:20
1. Comparative study of physiochemical properties of Furosemide injection in Enugu State, Nigeria
   Ngozi Udem / University of Nigeria Teaching Hospital, Nigeria

09:20 – 09:30
2. Rapid quantitative analytical methods of liposomal drugs and Exosome
   Masaru Kato / Showa University, Japan

09:30 – 09:40
3. Cationic gelatin nanoparticles for gene delivery: Characterization and monolayer study
   Osama Madkhali / Jazan University, Kingdom of Saudi Arabia

09:40 – 09:50
4. Design of kappa opioid receptor modulators using Salvinorin a as a lead for addiction management
   Claire Shoemake / University of Malta, Malta

09:50 – 10:00
5. Skin disposition of Rhododendrol in aqueous and complex vehicles under 'in-use' conditions
   Florencio jr. Villester Arce / Josai University, Japan

THURSDAY SEP 26 09:00 - 11:30

10:00 – 10:10
6. Characterisation and release profile of GNE emulsion against osteomyelitic gram-positive bacteria
   Mohd Affendi Bin Mohd Shafri / Kulliyah of Allied Health Sciences, Malaysia

10:10 – 10:20
Q & A

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 10:50
7. Folate anchored solid lipid nanoparticle of Paclitaxel for lung squamous carcinoma cell targeting
   Vaibhav Rajoriya / Dr Hari Singh Gour University, India

10:50 – 11:00
8. Impact of key starting material on regulatory compliance: An evaluation of ferric ammonium citrate
   Forum Janak Jalundhwala / Shreenath Chemicals, India

11:00 – 11:10
9. Earlier access to innovation: Adaptive licensing combined with risk sharing — interim results
   Bärbel Holbein / University of Bremen, Germany

11:10 – 11:25
Q & A and conclusion by the chair

11:25 – 11:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. List innovations and new discoveries in industry and pharmaceutical science
2. State new initiatives in industry and pharmaceutical science that can be adapted based on presented information
3. Share actionable application of results of recent studies in industry and pharmaceutical science

Type of session
Knowledge-based

THURSDAY SEP 26 12:30 - 14:00

B9 | CONFERENCE HALL A – SECTION B & C

The power of working together: Successful stories of interprofessional education and collaborative practice

CODE:

Duration: 1.5h
Organised by FIPEd, in collaboration with FIP's Academic Pharmacy Section, the Community Pharmacy Section, the Hospital Pharmacy Section, the Social and Administrative Pharmacy Section, IPSF and the YPG

CHAIRS

Sherly Meilianti / FIP YPG, Indonesia
Jill Boone / University of Cincinnati, USA

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, hospital pharmacy, pharmaceutical sciences

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 13:00
1. What does success look like for PWDG 8? Case studies of collaborative working relationships
   Darragh O'Loughlin / Irish Pharmacy Union, Ireland
   Patricia Acuña Johnson / University of Valparaiso, Chile
   Samo Rozman / Institute of Oncology Ljubljana, Slovenia
   Christina Durinck / European Association of Pharmacy Technicians, Denmark
   Ziyen Lam / Auckland District Health Board, New Zealand

13:00 – 13:20
2. Starting in the academy: Educating and training early collaborators
   Chandra Sekar / University of Findlay, India

13:20 – 13:50
3. Workshop activity: Culture mapping exercise

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Advocate for building successful collaborative working relationships
2. Advocate for the role of the academy in instilling a culture of collaborative working
3. Arrange enablers and blockers to building successful collaborative working relationships
4. Adopt ways of building successful collaborative working relationships.

Type of session
Application-based

THURSDAY SEP 26 12:30 - 14:00

D14 | CONFERENCE HALL A – SECTION A

Ethical competence in pharmacy

CODE:

Duration: 1.5h
Organised by the FIP Expert Group on Ethics, in collaboration with FIP's Hospital Pharmacy Section, FIPEd and the YPG

CHAIRS

Dalia Bajis / The University of Sydney, Australia
Marwan Akel / Lebanese International University, Lebanon

TOPIC

Targeting special interests
Targeted audience: Pharmacy education and academic pharmacy, social and administrative pharmacy

PROGRAMME

12:30 – 12:35
Introduction by the chairs

12:35 – 12:45
1. Can we train pharmacists in building ethical competence?
   Rebekah Moles / The University of Sydney, Australia

12:45 – 12:55
2. What skills do we teach our students in pharmacy ethics?
   Wilma Göttgens / Apotheek Göttgens, Netherlands

12:55 – 13:35
3. Challenges to training in ethical competence — Country case studies in relation to training in ethical competence
   Marwan Akel / Lebanese International University, Lebanon
   Stephen Eckel / UNC Eshelman School of Pharmacy, USA
   Maria Allinson / Keele University, UK
   Ingunn Björnsdottir / University of Oslo, Norway

13:35 – 13:50
4. Ethical competency — How can it be taught?
   Open discussion

13:50 – 13:55
Conclusion by the chairs

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Compare the elemental components of ethical competency in the context of pharmacy training
2. Forecast the challenges to training in this field and how to manage them
3. Build an inventory of resources and tools to assist with training in ethical competency
4. Compare trainings in ethical competency in their country

Type of session
Application-based

THURSDAY SEP 26 12:30 - 14:00

D23 | CONFERENCE HALL A – SECTION D

SIGN 4 — Sharing ideas in a global network: Innovating in clinical services and patient safety

CODE:

Duration: 1.5h
Organised by FIP

CHAIR

Jacqueline Surugue / FIP, France

PROGRAMME

12:30-12:35
Introduction by the chair

12:35-12:50
1. Project of the 2019 Health Promotion Campaign Award winner
   To be announced at the opening ceremony of the congress

12:50-13:05
2. Latest innovations in Switzerland and collaboration with other countries
   Martine Ruggl / pharmaSuisse, Switzerland

13:05-13:20
3. Implementing the European Statements of Hospital Pharmacy
   Rob Moss / European Association of Hospital Pharmacists, Netherlands

13:20-13:35
4. Our hospital's journey to enhance medication safety in transitions of care
   Helen Zhang / Chinese Pharmaceutical Association, China

13:35-13:55
Questions from the audience and debate

13:55 – 14:00 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the leading projects of FIP member organisations
2. Tell pioneering initiatives from FIP member organisations in their country
3. Specify challenges pharmacist face in different settings and countries around the globe
4. Express ideas about advancing pharmacy to a global audience

Type of session
Knowledge-based

THURSDAY SEP 26 14:30 - 17:30

B10 | CONFERENCE HALL A – SECTION B & C

Advancing pharmacist roles through evidence and education

CODE:

Duration: 3h
Organised by IPSF, in collaboration with FIP's Academic Pharmacy Section

CHAIRS

Louisa Sullivan / IPSF, Netherlands
Rula Darwish / University of Jordan, Jordan

TOPIC

New roles, opportunities and responsibilities
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, military and emergency pharmacy, policy, regulation, hospital pharmacy, pharmaceutical sciences, social and administrative pharmacy

PROGRAMME

14:30 – 14:40
Introduction by the chairs

14:40 – 15:15
1. Improving patient outcomes through pharmacist-led chronic disease management
   Antony Gagnon / Hamilton Family Health Team, Canada

15:15 – 15:50
2. Young Researchers' Forum: A live and online worldwide community of student researchers that promotes collaboration and innovation
   Daniel Semmy / IPSF, Indonesia

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
3. Role emerging placements in experiential education: Training student pharmacists to build new practice areas and measure impacts
   Mohamad Rahal / Lebanese International University, Lebanon

16:45 – 17:20
4. Workshop: Discussion of emerging roles for pharmacists — Challenges and opportunities for pharmacists and student pharmacists

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the existing evidence for pharmacists in expanded roles (PWDG 11) through speakers in these roles
2. Identify methods and resources for studying the value of pharmacists in expanded roles
3. Describe how student pharmacists can be trained to create and excel in roles that do not currently exist

Type of session
Knowledge-based

THURSDAY SEP 26 14:30 - 17:30

C9 | CONFERENCE HALL A – SECTION D

Patient empowerment — Myth or reality?

CODE:

Duration: 3h
Organised by FIP's Community Pharmacy Section, in collaboration with the Social and Administrative Pharmacy Section

CHAIRS

Lars-Åke Söderlund / Apoteket AB Healthcare, Sweden
Timothy Chen / The University of Sydney, Australia

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, industrial pharmacy, pharmacy education and academic pharmacy, health and medicines information, hospital pharmacy, social and administrative pharmacy

PROGRAMME

14:30 – 14:35
Introduction by the chairs

14:35 – 15:00
1. Patient empowerment through digitalisation
   Carl Schneider / The University of Sydney, Australia

15:00 – 15:25
2. Empowered patients versus empowered consumers — The role of pharmacy
   Ratna Devi / DakshamA Health / Board International Alliance of Patient Organisations, India

15:25 – 15:50
3. We extended the customer meeting from five minutes to 12 weeks: Health Active — A unique service for diabetes patients
   Louise Skalin / Apoteket AB, Sweden

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
4. Patient empowerment — A new attitude and five pharmacy and healthcare takeaways
   Robinah Kaitiritimba / Uganda National Health Users/Consumers Organisation, Uganda

16:45 – 17:20
5. Panel debate and take-home messages

17:20 – 17:25
Conclusion by the chairs

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Describe the value of patient empowerment
2. Explain the difference between empowered patients and empowered consumers
3. Outline how pharmacy services can support patient empowerment
4. Outline a strategy on how to improve patient empowerment, benefiting the patient as well as the pharmacist

Type of session
Knowledge-based

THURSDAY SEP 26 14:30 - 17:30

C10 | CONFERENCE HALL A – SECTION A

Pharmacy quality indicators to improve patient care

CODE:

Duration: 3h
Organised by FIP's Hospital Pharmacy Section, in collaboration with the Community Pharmacy Section and the Social and Administrative Pharmacy Section

CHAIRS

Ana Hincapie / University of Cincinnati, USA
Silvana Leite / Universidade Federal de Santa Catarina, Brazil

TOPIC

Health now! Responding to the challenges of today
Targeted audience: Community pharmacy, pharmacy education and academic pharmacy, policy, regulation, hospital pharmacy, social and administrative pharmacy

PROGRAMME

14:30 – 14:35
Introduction by the chair

14:35 – 15:00
1. Quality indicators for pharmaceutical care: What does the literature say?
   Kenji Fujita / The University of Sydney, Australia

15:00 – 15:25
2. Quality indicators for clinical pharmacy services in hospitals: Modified Delphi approach
   Olavo Fernandes / University Health Network, Canada
   Leslie Dan / Faculty of Pharmacy, University of Toronto, Canada

15:25 – 15:50
3. Quality indicators for community pharmacies: A global survey
   Terri Warholak / The University of Arizona, USA

15:50 – 16:10 COFFEE / TEA BREAK

16:10 – 16:45
4. Quality indicators for pharmacies in developing countries
   Azmi Hassali / Universiti Sains Malaysia, Malaysia

16:45 – 17:20
5. Fishbowl discussion with Q&A

17:20 – 17:25
Conclusion by the chair

17:25 – 17:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Identify quality indicators for pharmacy in both community and hospital settings
2. Explain the value of quality indicators to workload measurements
3. Describe quality indicators in their own pharmacy practice setting
4. Identify evidence-based clinical pharmacy services through the use of quality indicators

Type of session
Knowledge-based



Ankara
Turkey

Register now!
ankara2019.congress.pharmacy

FIP-TPA Regional Conference
for the European Region

Delivering primary healthcare: Pharmacists taking the next leap forward

Building on its successful Regional Conference for the Eastern Mediterranean Region in April, the International Pharmaceutical Federation (FIP) is continuing to implement the World Health Organization Declaration of Astana on primary healthcare, with the ultimate goal of achieving universal health coverage. In October, we will be taking this agenda into the European Region.

Ankara 2019
FIP REGIONAL CONFERENCE
European Region
23–25 October

FIP and the Turkish Pharmacists' Association will gather key pharmacy stakeholders, leaders and partners from Europe and beyond in Ankara, Turkey — where pharmacy began with Galen and Dioscorides centuries ago. Together we will embark on the journey towards healthier populations through stronger primary healthcare with advanced pharmaceutical services, leaving no one behind. In the land of our profession's forefathers, together we will take the next leap forward by building on our strong foundations, guided by new scientific developments. We will share our experiences in order to optimise future pharmacy and position pharmacists as one of the most effective providers of primary healthcare.

The conference, "Delivering primary healthcare: Pharmacists taking the next leap forward", will be held from 23 to 25 October 2019. Save the date to join us and be part of leading and co-creating the transformation of pharmacy.

Venue:
Sheraton Ankara Hotel &
Convention Center
Kavaklıdere Mahallesi,
Şht. Ömer Haluk Sipahioğlu Sk.,
06700 Çankaya/Ankara,
Turkey



SATURDAY SEP 21 09:30 - 17:30

AP2 | CONFERENCE HALL A – SECTION D

Pharmacy-based immunisation delivery — Certificate training programme

ADDITIONAL PROGRAMME ITEM

CODE:

This activity is supported by Sanofi Pasteur and Pfizer Inc

FIP is partnering with the American Pharmacists Association (APhA) to offer this APhA Pharmacy-Based Immunisation Delivery Certificate Training Programme, which provides pharmacists with the necessary skills to become a primary source for vaccine information and administration within their pharmacy.

There are three components to the certificate training programme:
- 12 hours (1.2 CEU) self-study modules with case studies and assessment exam
- 8 hours (0.8 CEU) live seminar with final exam
- Hands-on assessment of intramuscular and subcutaneous injection technique

Self-study modules
The self-study learning activity is designed to ensure that all participants understand vaccine-preventable diseases and the role of pharmacists as vaccine advocates and administrators. The learning modules present in-depth information on immunology and practice implementation and include real-life case studies designed to help reinforce and evaluate participants' understanding of key information and concepts.

Live training seminar
The second part of the certificate training programme is an active learning, live seminar focusing on pharmacy practice implementation. The seminar is based on the experience of practitioners involved in immunisation advocacy and administration. It reinforces and expands on the self-study programme and addresses areas such as immunisation needs and injection-technique training.
Participants are also invited to reflect on how they can take their training further at another FIP-APhA session "Creating a successful pharmacy-based immunisation service" (AP3 on Monday 23 September).

Learning objectives
At the end of this session, participants will be able to:
1. Demonstrate knowledge in vaccine-preventable diseases
2. Advocate for pharmacist-based vaccine administration
3. Perform vaccination with proper injection-techniques
4. Adopt strategies to implement pharmacy-based vaccination and effective patient communication

Type of session
Application-based

SUNDAY SEP 22 09:00 - 14:30

AP1 | CONFERENCE HALL A – SECTION A

Workshop: Antimicrobial stewardship in hospitals and the community

ADDITIONAL PROGRAMME ITEM

CODE:

FACILITATORS
Sabiha Essack / University of KwaZulu-Natal, South Africa
Debbie Goff / Ohio State University, USA
Philip Howard / British Society of Antimicrobial Chemotherapy and University of Leeds, UK

SPONSOR

HEALTH • HYGIENE • HOME

This workshop is sponsored by an unrestricted educational grant from Reckitt and Benckiser (Pty.), Ltd, United Kingdom

PROGRAMME

09:00 – 09:30
Opening plenary: The leadership role of the pharmacist on the Global Action Plan on AMR
Sabiha Essack / University of KwaZulu-Natal, South Africa

09:30 – 10:20
Panel discussion: Translating FIP's policy statement on antimicrobial resistance

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 12:30
Implementing hospital antimicrobial stewardship in different resource-constrained settings
Debbie Goff / Ohio State University, USA

12:30 – 13:00 LUNCH BREAK

13:00 – 14:15
Defining the stewardship role of community pharmacy
Philip Howard / British Society of Antimicrobial Chemotherapy and University of Leeds, UK
and Sabiha Essack / University of KwaZulu-Natal, South Africa

14:15 – 14:25
Closing remarks
Philip Howard / British Society of Antimicrobial Chemotherapy and University of Leeds, UK

14:25 – 14:30 ROOM REFRESH

Learning objectives
At the end of this session, participants will be able to:
1. Advocate the leadership role of the pharmacist in the containment of antimicrobial resistance
2. Endorse the FIP Statement of Policy on AMR in their country contexts
3. Formulate the core elements of a hospital antimicrobial stewardship service
4. Demonstrate the role of community pharmacy in antimicrobial stewardship

Type of the session
Application-based

MONDAY SEP 23 09:00 - 11:00

AP3 | CONFERENCE HALL A – SECTION B & C

Creating a successful pharmacy-based immunisation service

ADDITIONAL PROGRAMME ITEM

CODE:

PANEL DISCUSSION & ROUNDTABLE

This two-hour facilitated panel discussion and roundtable is designed to foster discussion and sharing of key insights among experts in pharmacy-based immunisations and those interested in establishing and/or expanding existing services. It will be open to FIP all congress registrants as well as the individuals who participated in the FIP-APhA certificate training programme.

Learning objectives

At the end of this session, participants will be able to:

1. Evaluate the foundational elements of building the infrastructure for pharmacy-based immunisations
2. Demonstrate the role of pharmacists as vaccine administrators
3. Advocate for pharmacist's authority to immunise and value of interprofessional collaboration
4. Adopt efficient operations/workflow, marketing and promotion to establish pharmacy-based immunisations

Type of session

Application-based



FIP EDUCATION | FIPEd

Workforce Development Hub forums

ADDITIONAL PROGRAMME ITEMS

SYSTEMS FORUM

MONDAY SEP 23 / 12:30 – 14:00

CAPITAL SUITE 5

Chair: **Ian Bates** / UCL School of Pharmacy, UK

This forum will discuss ways to measure, assess and progress the PWDGs within the systems cluster, which focuses on policy development, governmental strategy and planning, and monitoring and evaluation:

- **PWDG 9:** Continuing professional development strategies
- **PWDG 10:** Pharmaceutical workforce gender and diversity balances
- **PWDG 11:** Workforce impact and effect on health improvement
- **PWDG 12:** Workforce intelligence
- **PWDG 13:** Workforce policy formation

ACADEMY FORUM

WEDNESDAY SEP 25 / 14:30 – 16:00

CAPITAL SUITE 4

Chair: **Claire Anderson** / University of Nottingham, UK

This forum will discuss ways to measure, assess and progress the PWDGs within the academy cluster, which focuses on schools, universities and education providers:

- **PWDG 1:** Academic capacity
- **PWDG 2:** Foundation training and early career development
- **PWDG 3:** Quality assurance

INTERPROFESSIONAL EDUCATION FORUM

MONDAY SEP 23 / 12:30 – 14:00

CAPITAL SUITE 11D

Chair: **Jill Boone** / University of Cincinnati, USA

The intent of this forum is for open, informal exchange regarding interprofessional education (IPE) to provide an opportunity for networking with other colleagues who have interest and/or experience in this area. Topics to be discussed include: updates regarding FIP IPE activities, participants' experiences with IPE advancement, IPE research activities, and recommendation for future directions of IPE in FIP. The forum will focus on PWDG 8: Working with others in the team.

PROFESSIONAL DEVELOPMENT FORUM

WEDNESDAY SEP 25 / 12:30 – 14:00

CAPITAL SUITE 2

Chair: **Kirstie Galbraith** / Monash University, Australia

This forum will discuss ways to measure, assess and progress the PWDGs within the professional development cluster, which focuses on the pharmaceutical workforce:

- **PWDG 4:** Advanced and specialist expert development
- **PWDG 5:** Competency development
- **PWDG 6:** Leadership development
- **PWDG 7:** Service provision and workforce education & training

TUESDAY SEP 24 17:15 - 17:45

Meet the SIGS | CAPITAL SUITE 3

ADDITIONAL PROGRAMME ITEM

The FIP special interest groups (SIGs), led by the Board of Pharmaceutical Sciences (BPS), develop initiatives to help FIP and its member organisations to advance the pharmaceutical sciences. The BPS is currently working on implementing a revised SIG structure, aiming to have this in place after Abu Dhabi. At this meeting you will receive an update on the new SIGs.

THURSDAY SEP 26 12:30 - 14:00

PHARMABRIDGE | CAPITAL SUITE 5

ADDITIONAL PROGRAMME ITEM

Pharmabridge aims to strengthen pharmaceutical services in developing and transitional countries through coordinated support from the pharmacy establishment and individual pharmacists in developed countries. The project is supported by FIP, its Board of Pharmaceutical Practice and the Commonwealth Pharmacists Association.

CHAIR
Agathe Wehrli / Pharmabridge, Switzerland

SECTION MEETINGS

ADDITIONAL PROGRAMME ITEMS

MEPS
Military & Emergency Pharmacy Section
MEPS Business Meeting
WEDNESDAY 25 SEPTEMBER / 12:30 – 14:00
CONFERENCE HALL B2

SAPS
Social & Administrative Pharmacy Section
SAPS Business Meeting
THURSDAY 26 SEPTEMBER / 12:30 – 14:00
CAPITAL SUITE 2

CPS
Community Pharmacy Section
CPS Steering Committee Meeting
TUESDAY 24 SEPTEMBER / 09:00 – 12:00
CONFERENCE HALL A – SECTION D

IPS
Industrial Pharmacy Section
IPS Assembly
THURSDAY 26 SEPTEMBER / 12:30 – 14:00
CAPITAL SUITE 3

HaMIS
Health & Medicines Information Section
HaMIS Business Meeting
TUESDAY 24 SEPTEMBER / 13:00 – 14:30
CAPITAL SUITE 5

HPS
Hospital Pharmacy Section
HPS Assembly
TUESDAY 24 SEPTEMBER / 12:30 – 14:00
CONFERENCE HALL A – SECTION D

APS
Academic Pharmacy Section
APS Business Meeting
MONDAY 23 SEPTEMBER / 11:30 – 13:00
CAPITAL SUITE 7

YPG
Young Pharmacists Group
YPG Business Meeting
MONDAY 23 SEPTEMBER / 09:00 -11:30
CONFERENCE HALL B2
WEDNESDAY 25 SEPTEMBER / 15:00 – 17:30
CAPITAL SUITE 3

Please join us to help understand and explore the key role of pharmacists in the management and treatment of patients with reflux

REFLUX RELEVANCE

BUILDING PHARMACY AS A CENTRE OF EXCELLENCE



Wednesday, 25th September, 2019
12:30 – 14:00
Capital Suite 5
Abu Dhabi National Exhibition Centre

AGENDA

+ THE EMERGING BURDEN OF GASTROESOPHAGEAL REFLUX DISEASE (GERD): A PHARMACIST'S PERSPECTIVE
  Dr Brett Macfarlane
  CPD Manager, Pharmaceutical Society of Australia; Visiting Fellow, Queensland University

+ THE IMPACT OF GERD ON THE HEALTHCARE SYSTEM, AND PHARMACIST LED INTERVENTIONS
  Mr Chris Roberts
  Clinical pharmacist prescriber, Broadway Medical Practice; Medicines Management Lead, Fleetwood Primary Care Home

+ Q&A SESSION

Sponsored by Reckitt Benckiser

MONDAY SEP 23 — 09:00 - 12:00

AP6 | CONFERENCE HALL A – SECTION A

Air pollution and respiratory health: Global challenges and emerging roles for community pharmacists

ADDITIONAL PROGRAMME ITEM

Session organised by FIP and The Clean Breathing Institute

PROGRAMME

09:00 – 09:05
Introduction by the chair

09:05 – 09:20
Air pollution and non-communicable diseases: Global priorities for the World Health Organization

09:20 – 09:35
Overview of the involvement of pharmacists in respiratory disease care: Highlights of the FIP report on the role of pharmacists in NCDs

09:35 – 09:50
The impact of air pollution on respiratory health

09:50 – 10:05
The Clean Breathing Social study: Research into the human perspective and emotional experience of the health aspects of air pollution

10:05 – 10:20
Introduction to The Clean Breathing Institute

10:20 – 10:40 COFFEE / TEA BREAK

10:40 – 10:55
Challenges in the community-based management of respiratory disease patients.
Views from the International Primary Care Respiratory Group (IPCRG)

10:55 – 11:25
Presentation of best practices and evidence from community pharmacy services in respiratory health *(10 minutes each)*
Turkey:
The "My Guide Pharmacy" programme: Managing asthma and COPD patients
Norway:
Inhalation Technique Assessment Service
Portugal:
The "Could it be COPD?" initiative

11:25 – 11:45
Questions from the audience

11:45 – 11:55
Call to action and closing remarks by the chair: Addressing air pollution and respiratory health in the community pharmacy setting

11:55 – 12:00 ROOM REFRESH

MONDAY SEP 23 12:30 - 14:00

AP5 | CONFERENCE HALL A – SECTION D

Influenza Vaccination and the Pharmacist Role

ADDITIONAL PROGRAMME ITEM

Organised by the International Federation of Pharmaceutical Manufacturers and Associations (Influenza Vaccine Supply)

Influenza, both seasonal and pandemic, is a major burden on public health causing up to 650,000 deaths annually1. Vaccination is the most effective measure at preventing influenza and its severe outcomes.

Seasonal influenza vaccination can support pandemic preparedness and response infrastructure while providing long-term the sustainable manufacturing facilities and skilled workforce required. Join us at the IFPMA IVS led interactive workshop designed to introduce the key phases of seasonal and pandemic influenza vaccine supply to help pharmacists understand the complexity and critical aspects required to provide global health protection to this deadly pathogen. We will dive into discussions on the public health importance of influenza vaccination, the role pharmacists play and challenges they may or do face when vaccinating against influenza.

IFPMA IVS CHAIRS

Matthew Downham
Bram Palache / UK)

PROGRAMME

12:30
Introduction to IFPMA IVS by the Chairs

12:45
The exciting journey from flu virus to vaccine

13:15
Public health importance of influenza vaccination

13:30
Discussion:
The pharmacist role and challenges when vaccinating people against influenza

80th FIP World Congress of Pharmacy and Pharmaceutical Sciences

Seville, Spain
13-17 September 2020

The technological revolution —
Impact on pharmacy and healthcare



Ubiquitous, mobile supercomputing. Intelligent robots. Self-driving cars. Neurotechnological brain enhancements. Genetic editing. News of dramatic change is all around us and it's happening at exponential speed. We are at the beginning of a revolution that is fundamentally changing the way we live, work and relate to one another.

Previous industrial revolutions liberated humans from reliance on animal power, made mass production possible and brought digital capabilities to billions. This latest industrial revolution is, however, fundamentally different. It is characterised by a range of technologies that are fusing the physical, digital and biological worlds, impacting on all disciplines, economies and industries, and even challenging ideas about what it means to be human.

Digitalisation is already allowing the keeping of structured patient records, facilitating electronic prescribing, dispensing and administration of medicines, automating the handling of medicines in the supply chain, and providing tools for monitoring the efficacy and safety of medicines in use. Further advances will enable pharmacists to interact with patients through the creation of a common platform for accessing data and information in new, more efficient way.

Come to the 2020 FIP congress in Seville, Spain, where pharmacy practitioners, pharmaceutical scientists and educators from around the world will discuss and help you prepare for these new technologies that will empower our profession.

Your hosts
The **International Pharmaceutical Federation** (FIP) together with The **General Pharmaceutical Council of Spain**

SEVILLE 2020
FIP WORLD CONGRESS
13-17 September

GENERAL INFORMATION

Badges

Participants can print their name badges at the registration desk. Due to security regulations, all participants and accompanying persons must wear their badges throughout the congress. Only participants with white badges will be admitted to the sessions.

Accompanying persons have a white badge with a black-coloured bar accompanying person printed on it. They can join the opening ceremony, the exhibition and the social programme, but they are not allowed to attend sessions.

Participants with a day card have the appropriate day printed on their badge and are allowed to attend sessions on that day only.

Some participants will wear a coloured ribbon on their badge (e.g. first timer, staff, vice-president, council, speaker, chair etc.). If you have not yet received the ribbon you feel you should be wearing, please check the list below.

The following ribbons will be made available for picking up:

Purple
FIP Officer
Registration desk

Orange
Foundation Supporter
FIP Booth (Exhibition)

Gold
Gold participant
› 10 congresses
Registration desk

Silver grey
Platinum participant
› 25 congresses
Registration desk

Brown
Welcome First Timers
Registration desk

Yellow
Council Member
Entrance Council meeting (Conference Hall B1 & B2)

Light yellow
Council Observer
Entrance Council meeting (Conference Hall B1 & B2)

Lavender
Poster Presenter
Poster desk (Exhibition)

Fuchsia
Press Media room
(Mezzanine Lounge)

Royal blue
Speaker
Media room (Mezzanine Lounge)

Royal blue
Chair
Media room (Mezzanine Lounge)

Breaks

The coffee/tea breaks during the sessions will be from 10:20 to 10:40 in the morning and from 15:50 to 16:10 in the afternoon. Between the sessions there will be a lunch break from 12:00 to 14:30. Please note that some sessions take place between 12:30 and 14:00.



Dress code

For the congress: Smart business wear is recommended. Please bear in mind that the United Arab Emirates is a Muslim country and many expatriates living in the country also hold strong religious views. Traditional dress for men is a long white cotton shirt and headdress secured by a leather rope. The traditional dress for women is a long black cloak over long loose clothing and a black headscarf. Some local women also cover their face in various ways (sometimes the face is completely covered).
Visitors are not expected to cover their heads (except in mosques) or wear traditional clothing. However, it is advisable to wear long, loose clothing made from natural materials (e.g. cotton or linen). It is one of the best ways to cope with the heat.
Skirts or trousers should be knee-length or longer. Don't wear tight, form-fitting clothes or expose thighs, cleavage, midriff or upper arms. Short sleeve tops are acceptable. It is advisable to have a loose shirt/jacket or shawl with you at all times, even in hot weather, because mall, restaurant and cinema air conditioning can be extremely cold. Shorts are only considered suitable for the beach (for men and women).

Filming, recording, photography and social media policy

Any photography, filming, taping, recording or reproduction in any medium of any of the programme sessions, events, exhibits and/or posters presented at the FIP congress without the express written consent of FIP is strictly forbidden. FIP may record and broadcast your activity at its meetings and reserves the rights to all recordings, reproductions or presentations. FIP operates an open social-media policy. Speakers have been advised that if any content in their presentations is not to be disseminated outside the walls of the meeting room, they should specifically state this at the beginning of or at the appropriate points of their presentation. Please feel free to share information, ideas, thoughts and your reflections from this meeting through social media. Our official hashtags are #FIPcongress and #FIP2019.

If you don't already do so, we encourage you to follow FIP on social media:
facebook.com/FIPpharmacists
https://twitter.com/FIP_org
www.linkedin.com/in/fippharmacists

Please note that in general, normal tourist photography is allowed, but it can be considered offensive to photograph Muslim women. It is also courteous to request permission before photographing men.

Language

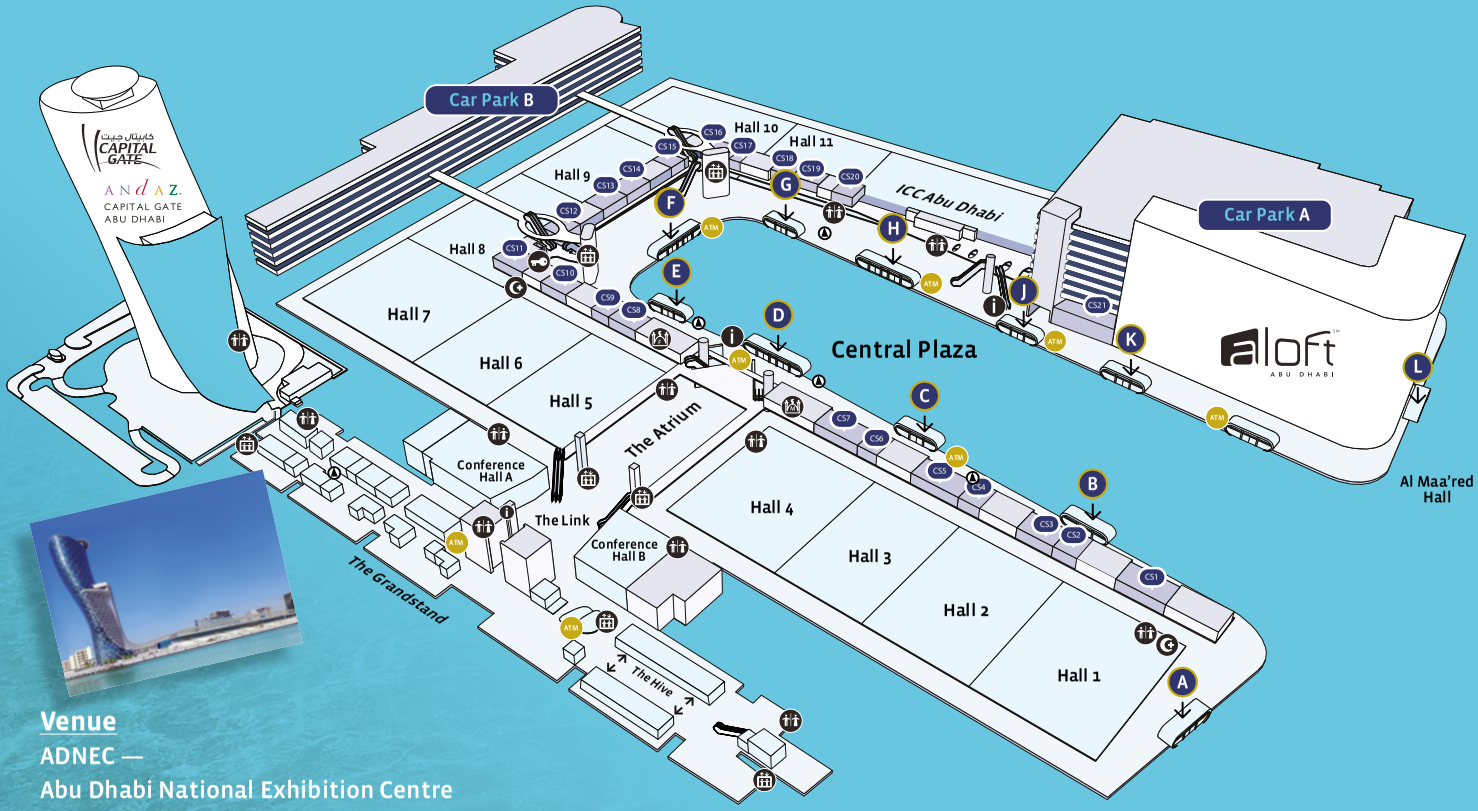
The official congress language is English. There will be no simultaneous translation to other languages in the congress sessions and symposia, except for the Council Meetings.

Press room

Mezzanine Lounge
The congress press room will offer a number of services strictly limited to official press representatives and professional journalists.
Press accreditation and press registration are required for access to the press room.


YES
NO

Welcome at ADNEC



Venue

ADNEC —
Abu Dhabi National Exhibition Centre
Khaleej El Arabi Street
Abu Dhabi, UAE
adnec.ae