Congress Programme

FIP World Congress of Pharmacy and Pharmaceutical Sciences 2014

Access to medicines and pharmacists today, better outcomes tomorrow

74th International Congress of FIP

Bangkok, Thailand
30 August - 4 September 2014
Dear colleagues and friends,

The International Pharmaceutical Federation (FIP) and the Pharmaceutical Association of Thailand under Royal Patronage (PAT) and its Thai partners welcome you wholeheartedly to Bangkok!

Access to medicines, care and information - the pharmacist is at the heart of it all. This 2014 FIP Congress in Thailand gathers pharmacists and pharmaceutical scientists from all over the world to delve into the globally pressing issue of access to medicines - and healthcare in general - and to work towards increasing the role of the pharmacist in the provision of healthcare services.

Examining key challenges such as medicines availability, health workforce distribution and managing the vast amounts of variable information accessible to patients, this FIP Congress in Bangkok will offer all participants the opportunity to increase their impact in ensuring access to health by providing medicines, care and information.

All Thai pharmacists have greatly looked forward to welcoming you, the participants of the 2014 FIP Congress in Bangkok, and to helping you learn more about pharmacy in Thailand and experience the wonderful Thai hospitality.

This congress is the most important meeting place for our global network of pharmacists. We look forward to seeing you!

Michel Buchmann
President
International Pharmaceutical Federation (FIP)

Sindchai Keokitichai
President
Pharmaceutical Association of Thailand under Royal Patronage (PAT)
INTRODUCTION OF FIP

Founded in 1912, the International Pharmaceutical Federation (FIP) is the global federation of national associations of pharmacists and pharmaceutical scientists and is in official relations with the World Health Organization (WHO). Through its 126 member organisations FIP represents and serves more than three million pharmacists and pharmaceutical scientists around the world.

Throughout its 100 year history, FIP's priorities have expanded both literally and figuratively to meet the needs and expectations of the profession in expanding healthcare services and integrating emerging scientific developments. Changes in pharmacy and the emergence of pharmacy practice as a cornerstone of the profession have lead FIP to become globally visible for its advocacy on behalf of the role of the pharmacist in the provision of healthcare, while still maintaining its grounding in the pharmaceutical sciences.

FIP hopes that all who have joined us here in Bangkok will leave richer in knowledge, experiences, colleagues and friendships - easy tasks when welcomed by the warmth of the Thai!
YOUR HOSTS

INTERNATIONAL PHARMACEUTICAL FEDERATION (FIP)
Michel Buchmann
President
Kamal Midha
Immediate Past President
Luc Besançon
General Secretary & Chief Executive Officer
Ema Paulino
FIP Professional Secretary
Henk de Jong
FIP Scientific Secretary
Andy Gray
Chairman, Board of Pharmaceutical Practice
Geoffrey Tucker
Chairman, Board of Pharmaceutical Sciences
John Bell
Vice President
Thony Björk
Vice President
Niels Kristensen
Vice President
Ross McKinnon
Vice President
Carmen Peña
Vice President
Mario Rocci
Vice President
Philip Schneider
Vice President
Prafull Sheth
Vice President
Eeva Teräsväri
Vice President
Dieter Steinbach
Honorary President
Joseph Oddis
Honorary President

FIP PROGRAMME COMMITTEE
Arijana Meštrović
Co-Chair
Giovanni Pauletti
Co-Chair
Ema Paulino
FIP Professional Secretary
Robert DeChristopher
Member
Ralph Altieri
Member (FIPEd)
Betty Chaar
Member
Linda Hakes
Member
Don Mager
Member
Ross McKinnon
Member
Hiroti Suzuki
Member
Zuzana Kusynová
FIP Staff, Policy Analyst & Project Coordinator
Paula Cohen
FIP Staff, Secretary

THE PHARMACEUTICAL ASSOCIATION OF THAILAND (PAT)
Sindhchai Keokitichai
President
Teera Chakajnaradom
Immediate Past President and Executive Consultant
Vicha Sukhumvasi
Vice President
Pramote Tanwatana
Vice President

Thai Airways International

CONGRESS INFORMATION
FIP Congresses & Conferences
P.O. Box 8200
2508 AE The Hague
The Netherlands
Tel: +31 70 302 1982
Fax: +31 70 302 1998
E-mail: congress@fip.org
Website: www.fip.org/bangkok2014

CONGRESS REGISTRATION, HOUSING & ABSTRACT HANDLING

CONGRESS REGISTRATION, HOUSING & ABSTRACT HANDLING

MCI Amsterdam
Jan van Goyenkade 11
1075 HP Amsterdam
The Netherlands
Tel: +31 20 6793111
Fax: +31 20 6737306
E-mail: FIP@mci-group.com

OFFICIAL AGENT FOR TOURS AND SOCIAL EVENTS

Oriental Events
Suwat Jirahswakedilok
Executive Director
Tel: +66 2296 0774-76
E-mail: suwat.j@oriental-events.net
info@oriental-events.net
Website: www.oriental-events.net

OFFICIAL CARRIER

Thai Airways International

Event code: TG1409045
is proud to be a supporter of the 74th FIP Congress

Like the pharmacy profession, we support the safe and effective use of medicines in the interest of better outcomes for individuals and health systems alike.
REGISTRATION

ON SITE REGISTRATION FEES FIP 2014
(Prices do not include any VAT)

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIP Individual member</td>
<td>€1100</td>
</tr>
<tr>
<td>Regular fee (non member)</td>
<td>€1100</td>
</tr>
<tr>
<td>Student/Recent graduate</td>
<td>€1100</td>
</tr>
<tr>
<td>On site day card</td>
<td>€350</td>
</tr>
<tr>
<td>Accompanying person</td>
<td>€150</td>
</tr>
<tr>
<td>Pharmacy Technicians Symposium (in addition to full congress registration)</td>
<td>€250</td>
</tr>
<tr>
<td>Pharmacy Technicians Symposium (only)</td>
<td>€450</td>
</tr>
<tr>
<td>Section Dinner</td>
<td>€65</td>
</tr>
<tr>
<td>FIP Young Pharmacists’ Group Evening</td>
<td>€35</td>
</tr>
<tr>
<td>Closing Dinner</td>
<td>€100</td>
</tr>
</tbody>
</table>

ON SITE PAYMENT OF REGISTRATION FEE
All fees must be paid in cash in Euro, or by credit card (Visa, Eurocard/Mastercard or American Express).

The registration fee for participants includes:
• Admission to all sessions (except for the Pharmacy Technicians Symposium)
• Opening ceremony
• Welcome reception
• Entrance to the exhibition
• Coffee/tea breaks
• A daily credit to choose your lunch among the restaurants in the congress center
• Access to all submitted abstracts and biographies (via a dedicated link for all participants)
• Congress Bag with final Congress programme and list of participants (name and country of participants registered and paid by 15 July 2014)
• Access to a website where you can download the slides of the presentations (available as of 1 November 2014)
• Congress Bag with final Congress programme and list of participants (name and country of participants registered and paid by 15 July 2014)
• Access to a website where you can download the slides of the presentations (available as of 1 November 2014)

The registration fee for accompanying persons includes:
• Opening ceremony
• Welcome reception
• Entrance to the exhibition
• Coffee/tea breaks
• A daily credit to choose your lunch among the restaurants in the congress center
• Access to a website where you can download the slides of the presentations (available as of 1 November 2014)

REGISTRATION QUALIFICATIONS

Council delegate
In order to qualify for the Council delegate registration fee you must provide a document proving that you have been officially appointed to represent your organisation at the Council meeting. Please note that per organisation only ONE participant can be registered as a Council delegate.

Press
In order to qualify for Press registration you must have applied for and been granted an official invitation code from the FIP head office – press department (press@fip.org) or from FIP staff in the Media Room (room MR 210).

Accompanying person
A participant can register up to two (2) accompanying persons. The fee for accompanying persons does NOT include admission to the sessions.

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

TERMS OF CANCELLATION

• As of 1 August 2014, the registration fee will not be refunded.
• The terms of cancellation are applicable in all circumstances, also if a visa is officially refused to the participant and/or accompanying person.
• Replacements or name changes are handled as cancellations.

CERTIFICATE OF ATTENDANCE

If you would like to receive a certificate of attendance please be informed that you can collect your certificate

as of Tuesday 2 September 2014, 12:00 at the congress registration desk. Certificates will NOT be sent after the congress.

Accompanying persons will not receive a certificate of attendance.

A certificate of session attendance (listing the sessions you attended during the congress) will be offered to congress participants after the congress. Please note that for this certificate ONLY the sessions you have attended will count, not the business meetings or other non-educational events. You can request this certificate via a special webpage displayed AFTER the congress.

ABSTRACT CERTIFICATE

If you would like to receive a poster certificate please collect this certificate during the congress at the Poster Desk. Certificates for oral presentations will be handed out at the congress registration desk. Certificates will NOT be sent after the congress.

REGISTRATION DESK

The registration desk at the BITEC will be open:
• Saturday 30 August 2014, from 07:30 – 17:30
• Sunday 31 August to Wednesday 3 September 2014, from 08:00 – 17:30
• Thursday 4 September 2014, from 08:30 – 14:30
ACCREDITATION FOR CONTINUING EDUCATION

AUSTRIA

The congress sessions are accredited in Austria, as agreed with the ÖAK (Österreichische Apothekerkammer – Federal Chamber of Pharmacists, number F20131103). Austrian participants are advised to acquire a Statement of Continuing Education Credit according to the instructions published in this congress programme.

CHINA TAIWAN

The 2014 FIP Congress in Bangkok is accredited by the Taiwan Society of Health System Pharmacists China Taiwan (TSHP). The participants are advised to acquire a certificate of session attendance (listing the sessions you attended during the congress) according to the instructions published in this congress programme.

GERMANY

The congress sessions have been accredited by the Federal Chamber of Pharmacists of Germany (Bundesapothekerkammer) and have been approved for pharmacists and pharmaceutical technicians. The event has been assigned the accreditation-no. BAK 2013/437, category 2: Congress.

IRELAND

The 74th FIP World Congress is recognised as a CPD activity for the purposes of continued registration as a pharmacist with the Pharmaceutical Society of Ireland (PSI).

MACEDONIA (FYROM)

The 74th International Congress of FIP is recognised as a valid form of continuing education by the Pharmaceutical Chamber of Macedonia and has been accredited according to the Chamber’s legal act. The participants from Macedonia are advised to acquire a certificate of attendance.

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 hours of attendance. The Registration Committee will honor these continuing education hours on the basis of the certificate of sessions attendance delivered by FIP.

PORTUGAL

The FIP Congress programme has been approved by the Portuguese Pharmaceutical Society’s as a valid activity under the Continuous Professional Development credit system. The attendance of this event is awarded with 3.5 CDP credit points. The participants under the Portuguese system of license revalidation are advised to acquire a certificate of attendance.

SERBIA

The 74th International Congress of FIP is recognised as a valid form of continuing education by the Pharmaceutical Chamber of Serbia. Serbian participants are advised to acquire a Confirmation of Sessions Attendance according to the instructions published in this Congress Programme. The following amount of credits will be awarded: up to 6 hours - 3 points; 6-12 hours - 6 points; more than 12 hours - 9 points.

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 FPH. Swiss participants are advised to acquire a certificate of session attendance according to the instructions in this congress programme.

The following amount of credits will be awarded:
- 3 hours = 25 credits
- 6 hours = 50 credits
- 9 hours = 75 credits

Swiss participants are asked to send in their certificate of session attendance in order to get the FPH points accredited to their respective FPH account via mail: fph@pharmaSuisse.org

CERTIFICATE OF ATTENDANCE

If you would like to receive a certificate of attendance please be informed that you can collect your certificate as of Tuesday 2 September 2014, 12:00 at the congress registration desk. Certificates will NOT be sent after the congress. Accompanying persons will not receive a certificate of attendance.

A certificate of session attendance (listing the sessions you attended during the congress) will be offered to congress participants after the congress. Please note that for this certificate ONLY the sessions you have attended will count, not the business meetings or other non-educational events. You can request this certificate via a special webpage displayed AFTER the congress, via www.fip.org

AUSTRIA

Österreichische Apothekerkammer

The congress sessions are accredited in Austria, as agreed with the ÖAK (Österreichische Apothekerkammer – Federal Chamber of Pharmacists, number F20131103). Austrian participants are advised to acquire a Statement of Continuing Education Credit according to the instructions published in this congress programme.

CHINA TAIWAN

臺灣臨床藥學會

The 2014 FIP Congress in Bangkok is accredited by the Taiwan Society of Health System Pharmacists China Taiwan (TSHP). The participants are advised to acquire a certificate of session attendance (listing the sessions you attended during the congress) according to the instructions published in this congress programme.

GERMANY

The congress sessions have been accredited by the Federal Chamber of Pharmacists of Germany (Bundesapothekerkammer) and have been approved for pharmacists and pharmaceutical technicians. The event has been assigned the accreditation-no. BAK 2013/437, category 2: Congress.

IRELAND

PSI

The 74th FIP World Congress is recognised as a CPD activity for the purposes of continued registration as a pharmacist with the Pharmaceutical Society of Ireland (PSI).

MACEDONIA (FYROM)

The 74th International Congress of FIP is recognised as a valid form of continuing education by the Pharmaceutical Chamber of Macedonia and has been accredited according to the Chamber’s legal act. The participants from Macedonia are advised to acquire a certificate of attendance.

NETHERLANDS

KNMP

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 hours of attendance. The Registration Committee will honor these continuing education hours on the basis of the certificate of sessions attendance delivered by FIP.

PORTUGAL

The FIP Congress programme has been approved by the Portuguese Pharmaceutical Society’s as a valid activity under the Continuous Professional Development credit system. The attendance of this event is awarded with 3.5 CDP credit points. The participants under the Portuguese system of license revalidation are advised to acquire a certificate of attendance.

SERBIA

The 74th International Congress of FIP is recognised as a valid form of continuing education by the Pharmaceutical Chamber of Serbia. Serbian participants are advised to acquire a Confirmation of Sessions Attendance according to the instructions published in this Congress Programme. The following amount of credits will be awarded: up to 6 hours - 3 points; 6-12 hours - 6 points; more than 12 hours - 9 points.

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

FPH

The accredited congress sessions are recognised as valid continuing education FPH. Swiss participants are advised to acquire a certificate of session attendance according to the instructions in this congress programme.

The following amount of credits will be awarded:
- 3 hours = 25 credits
- 6 hours = 50 credits
- 9 hours = 75 credits

Swiss participants are asked to send in their certificate of session attendance in order to get the FPH points accredited to their respective FPH account via mail: fph@pharmaSuisse.org

CERTIFICATE OF ATTENDANCE

If you would like to receive a certificate of attendance please be informed that you can collect your certificate as of Tuesday 2 September 2014, 12:00 at the congress registration desk. Certificates will NOT be sent after the congress. Accompanying persons will not receive a certificate of attendance.

A certificate of session attendance (listing the sessions you attended during the congress) will be offered to congress participants after the congress. Please note that for this certificate ONLY the sessions you have attended will count, not the business meetings or other non-educational events. You can request this certificate via a special webpage displayed AFTER the congress, via www.fip.org
GENERAL EVENTS

STAKEHOLDERS ROUNDTABLES
By invitation only
Saturday 30 August 2014, 08:30 – 12:30
Room GH 203
Subjects:
• Universal health coverage
• Non communicable diseases

COUNCIL MEETINGS
By invitation only
Saturday 30 August 2014, 14:00 – 17:00
Sunday 31 August 2014, 09:00 – 12:00
Thursday 4 September 2014, 14:00 – 17:00
Room GH 203
(simultaneous translation from English into French, German and Spanish)
Only official representatives from FIP member organisations and observer organisations can be admitted to the Council meetings. This means that each representative will be asked to submit a written proof when registering, that he/she has been officially appointed to represent his/her organisation. The Council meetings will also be attended by the FIP Bureau members and Section representatives.

BREAKS
Exhibition Hall
The coffee breaks during the sessions will take place between 10:00 and 11:00 in the morning and between 15:00 and 16:00 in the afternoon

FOOD COURT
Between the sessions there will be a lunch break from 12:00 to 14:00.

EXHIBITION
Sunday 31 August (opening), Monday 1 until Wednesday 3 September 2014
Exhibition Hall
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 is organised by the Pharmaceutical Association of Thailand under Royal Patronage (PAT), together with Asian Exhibition Services Ltd (AES).

The exhibition showcases local and international developments in pharmacy, and provides a central meeting point and information zone throughout the Bangkok Congress for FIP and Pharmacy in Thailand. The exhibition runs for 3,5 days. The exhibition floorplan and the list of exhibitors are included separately in your congress bag.

OPENING HOURS
The exhibition will be open for registered congress participants and registered accompanying persons during the following hours:
Sunday 31 August 2014
from 12:00 to 19:00 (opening)
Monday 1 September 2014
from 09:00 to 18:00
Tuesday 2 September 2014
from 09:00 to 18:00
Wednesday 3 September 2014
from 09:00 to 18:00

ADMISSION
All registered participants and registered accompanying persons have free admission to the exhibition.

CONTACT
FIP Bangkok 2014
Asian Exhibition Services Ltd (AES)
David Aitken
Bangkok, Thailand
Tel.: +66 2 2072412
Mob.: +66 8 18109367
Email: aitken@AESexhibitions.com
Website: www.AESexhibitions.com
OPENING CEREMONY

Sunday 31 August 2014, 15:00 – 17:00
Event Hall 305
14:00 – Doors open for guests
14:30 – Guests seated in the hall
15:00 – Official start

WELCOME BY THE MASTER OF CEREMONIES
Dr Penkarn Kanjanarat (Thailand)

WELCOME ON BEHALF OF THE INTERNATIONAL PHARMACEUTICAL FEDERATION (FIP)
Dr Michel Buchmann, President FIP (Switzerland)

WELCOME ON BEHALF OF THE PHARMACEUTICAL ASSOCIATION OF THAILAND UNDER ROYAL PATRONAGE (PAT)
Dr Sindchai Keokitichai / Dr Teera Chakajnarodom (Thailand)

OFFICIAL OPENING OF THE CONGRESS

PRESIDENTIAL ADDRESS

Dr Michel Buchmann, President FIP (Switzerland)

ENTERTAINMENT

PRESENTATION OF AWARDS

AWARDS IN RECOGNITION OF CONTRIBUTION TO FIP
JOSEPH A. ODDS AWARD FOR EXCEPTIONAL SERVICE TO FIP
This award is given, on an ad hoc basis, to officers of FIP and individuals who have rendered exceptional service to FIP.

This year, the Joseph A. Odds Award for Exceptional Service to FIP will be given posthumously to Mr Colin R. Hitchings (United Kingdom).

- Colin Hitchings was a member of FIP for over 40 years, holding many positions over that time in the Hospital Section, the Board of Pharmacy Practice, the Bureau and the Council. He is probably best known in FIP for his eight-year term of office as professional secretary (1997-2005) during which he also acted as interim general secretary and CEO (1998-1999), fulfilling a critical role when an emergency was created by the abrupt departure of the federation’s first full-time general secretary.

DISTINGUISHED SERVICE AWARD
This award recognises officers and employees of FIP who have rendered distinguished service to FIP. It is made on an ad hoc basis.

This year, the Distinguished Service Award will be given to Mr John Ware (Australia).

- John Ware is a former community pharmacist in Australia, having operated pharmacies in both rural areas and Melbourne. He has been involved in professional associations for many years (including as the national president of the Pharmaceutical Society of Australia) and helped to establish the FIP/WHO Western Pacific Pharmaceutical Forum, of which he became the first president. Mr Ware was honoured with the Order of Australia for service to pharmacy education and professional development of pharmacy in the 2002 Australia Day Honours List.

FIP Fellow (FFIP)
This award recognises individual members of FIP who have exhibited strong leadership internationally, who have distinguished themselves in the pharmaceutical sciences and/or practice of pharmacy, who have contributed to the advancement of the pharmaceutical sciences and/or practice or pharmacy, and who have served FIP.

This year, FIP fellowships will be given to:
- Science:
  - Prof. Henk de Jong (Netherlands)
  - Prof. Ross McKinnon (Australia)
  - Prof. Tsuneji Nagai (Japan)
- Practice:
  - Col. Zheng-Yu Chen (China)
  - Mrs Jacqueline Surugue (France)
  - Dr Frans van de Vaart (Netherlands)
  - Mr Lee C. Vermeulen (USA)
  - Mr William Zellmer (USA)
- Education:
  - Dr Lucinda Maine (USA)

AWARDS IN SCIENCES
LIFETIME ACHIEVEMENT IN THE PHARMACEUTICAL SCIENCE AWARD
This award recognises individuals who have, over many years, contributed to the development of pharmaceutical sciences. It is given every two years.

This year, awards for lifetime achievement in pharmaceutical sciences will be given to:

- Prof. Bill Charman (Australia) Prof. Charman is an Australian pharmaceutical scientist whose work has developed medical treatments in a range of areas, including a new drug for malaria. He has published more than 320 scientific papers on his research and has received tens of millions of dollars in funding to further his work. He is currently the dean of the Faculty of Pharmacy and Pharmaceutical Sciences at Monash University and is the director of the Centre for Drug Candidate Optimisation.

- Prof. Guowei Sang (China) Prof. Sang’s scientific contribution primarily focuses on PK/PD ethnic differences and the clinical pharmacology of long-acting steroidal contraceptives and antiprogestins, helping to provide important safety data on such products. He collaborated extensively with the World Health Organization on human reproduction and led the Institute of Family Planning Research and the WHO Collaborating Centre for Research in Human Reproduction. Prof. Sang has been director of the National Key Laboratory for Safety Evaluation of New Investigational Drugs in China, and vice-president of the Public Health Bureau of Zhejiang Province. He is currently the president of the Chinese Pharmaceutical Association.

For all previous award winners, please visit our website at: http://www.fip.org/awards

CLOSING ENTERTAINMENT

Sunday 31 August 2014, 15:00 – 17:00
Event Hall 104
14:00 – Doors open for guests
14:30 – Guests seated in the hall
15:00 – Official start
The poster area is open to all registered participants and their registered accompanying persons.

WAIVER OF LIABILITY
All poster presenters are responsible for mounting and removing their own poster in a proper way and strictly within the indicated timeslots.

If presenters mount their poster too early or do not remove their poster in time, FIP is not responsible for any damage that might happen to the poster when it has to be removed by staff members.

FIP wishes to express a special thank you to all reviewers and co-reviewers for this Congress:

Marina Altagracia †  Jayne Lawrence
Martin Astbury  Don Mager
Andrew Brown  Warren Meek
Timothy Chen  Arijana Mestrovic
Wafa Dahdal  Rebekah Moles
Jane Dawson  Majid Moniradi
Han de Gier  Marielle Nieuwhof
Dharmesh Desai  Joy van Oudshoorn
FIPED Development Team  Giovanni Pauletti
Sini Eskola  Bernard Poggi
Ryan Forrey  Francois Pradel
Patrick Fortuito  Hitoshi Sasaki
Jacques Gravéo  Martin Schulz
Ulrike Holzgrabe  Vinod Shah
Michihito Ito  Daniel Tang
Susan James  Andrew Teasdale
Masaru Kato  Andrew Vick
Takuya Kumamoto  Wendy Walker
Nahoko Kurosawa

POSTER SESSION:
1 – 3 SEPTEMBER 09:00 – 18:00
EXHIBITION HALL

POSTER SESSION OVERVIEW

SATURDAY 30 AND SUNDAY 31 AUGUST 2014
Pharmacy Technicians
POS-PHT-001  POS-PHT-010  10  Hang up poster on Saturday 08:00 - 09:00 in the foyer of meeting room 214-215 Be at poster board on Saturday/Sunday 12:00 - 14:00 Take down poster on Sunday at 14:00

MONDAY 1 TO WEDNESDAY 3 SEPTEMBER 2014
Academic Pharmacy
POS-APS-001  POS-APS-045  45  Hang up poster on Sunday 12:00 - 14:30 in the poster area of the exhibition hall Be at poster board on Monday to Wednesday 12:00 - 14:00 Take down poster on Wednesday at 14:00

Analytical Sciences and Pharmaceutical Quality
POS-ASP-001  POS-ASP-013  13

Biotechnology
POS-BIO-001  POS-BIO-009  9

Clinical Biology
POS-CBS-001  POS-CBS-001  1

Community Pharmacy
POS-CPS-001  POS-CPS-146  146

Drug Design and Discovery
POS-DDD-001  POS-DDD-012  12

Formulation Design and Pharmaceutical Technology
POS-FDP-001  POS-FDP-039  39

Hospital Pharmacy
POS-HPS-001  POS-HPS-099  99

Industrial Pharmacy
POS-IPS-001  POS-IPS-011  11

Natural Products
POS-NPR-001  POS-NPR-030  30

Pharmacokinetics/Pharmacodynamics & Systems Pharmacology
POS-PAA-001  POS-PAA-012  12

Pharmacy Information
POS-PIS-001  POS-PIS-009  9

Pharmacy Practice Research
POS-PPR-001  POS-PPR-041  41

Pharmacy Technicians
POS-PHT-001  POS-PHT-010  10

Regulatory Sciences
POS-RSC-001  POS-RSC-007  7

Social and Administrative Pharmacy
POS-SAPS-001  POS-SAPS-019  39

Translational Research & Individualized Medicines
POS-TRI-001  POS-TRI-003  3
SOCIAL EVENTS

WELCOME RECEPTION
Sunday 31 August 2014, 17:00 – 19:00
Exhibition Hall
Directly after the opening ceremony, the Thai Host Committee invites all participants and accompanying persons for a warm and festive welcome reception, marking also the opening of the exhibition and the FIP showcase.

After a big surprising welcome by our Thai Hosts, all guests will be treated to drinks and a selection of typical Thai food, while the exhibition will offer the perfect setting for catching up with old friends and making new ones.

FIRST TIMERS MEETING
By invitation for first time participants only
Sunday 31 August 2014, 13:00 – 14:00
Room MR 220-221
At this First Timers meeting, the first timers will be able to meet not only experienced congress participants but also representatives from FIP Sections and Special Interest Groups. Therefore this will be a great opportunity for new attendees to exchange ideas, meet interesting people and become involved in FIP’s global network and the vast array of projects that FIP offers to all our Members!

FIP FUN RUN
Tuesday 2 September 2014, 07:00 – 9:00
Lumpini Park, (see map on page 22)
For a third year the FIP Congress will include a 5km Fun Run. The FIP Fun Run is an excellent event promoting health and wellbeing, and an alternative networking opportunity for FIP delegates. Participation in the 5km Fun Run is free for all delegates of the FIP Congress but we ask runners to register their interest in advance as places will be limited.

YOUNG PHARMACISTS’ GROUP EVENING
Tuesday 2 September 2014, 19:30
Q Bar, 34 Sukhumvit Soi 12, Bangkok
Join Young Pharmacists and Students from across the globe to network and celebrate all things pharmacy!

SOCIAL EVENTS
This year the YPG will be hosting a “scribble party” so be sure to bring your lab coat or a T-shirt to the event which will no doubt provide lasting memories of your time at the FIP Congress in Bangkok. Tickets are for sale at the Social Events Desk in the registration area. Get in early so you don’t miss out. It will truly be an event to remember!

SECTION DINNERS
Wednesday 3 September 2014, 20:00 – 22:30
Shangri-La Hotel, Supatra River House
(Venues to be announced)
Academic Pharmacy Section
Clinical Biology Section
Community Pharmacy Section
Hospital Pharmacy Section
Industrial Pharmacy Section
Military & Emergency Pharmacy Section
Pharmacy Information Section
Social and Administrative Pharmacy Section

CLOSING DINNER
Thursday 4 September 2014, 19:00
Grand Postal Building
1160 Charoen Krung Rd., Si Phraya, Bang Rak, Bangkok
The Grand Postal Building was established in 1935, the era of King Ananda Mahidol, and was once the centre of the post and telecommunication services. The T-shaped building was designed according to old European architectural styles by Thai architect Jit Sen (Mew) Aphaiwong, who has also designed the Dome Thammasat University and Supachalasai Stadium.

The closing dinner in this exceptional historic venue will definitely be a memorable evening and will treat participants to a spectacular closure of this year’s FIP Congress!

DINNER TICKETS
You can purchase tickets for all the above mentioned dinners at the Social Events Desk in the registration area (subject to availability).
### TABLE OF CONTENTS

#### A. Access to medicines
- A1 Pricing of pharmaceuticals: How are prices determined? 33
- A2 Medicines shortages: An ever increasing threat 45
- A3 Ensuring access to medicines: A regulatory perspective 52
- A4 Do patients limit access to new medicines? 59
- A5 Challenges of unmet needs: Drug discovery 63
- A6 Insights into biosimilars and non-biological complex drugs 70
- A7 Regulatory facilitation of access to medicines 77
- A8 Clinical consequences of medicine shortages 82
- A9 Pharmacologistics: Getting medicines to patients in emergency situations 87

#### B. Access to pharmacists and pharmacy services
- B1 Professionalism and autonomy in practice 34
- B2 Educating and developing the pharmacy workforce 46
- B3 Are pharmacists really accessible? 53
- B4 Image and self-concept of the pharmacist 71
- B5 Good Pharmacy Practice: Is it possible without the pharmacist? 82
- B6 Using Social Media to support communication between pharmacists and patients 49
- B7 Palliative care: Challenges and opportunities for the pharmacist 58
- B8 Forum for Innovators: Pharmaceutical services implementation – Successes and outcomes 85
- B9 Interventions to promote adherence to therapy 83

#### C. Access to information
- C1 The pharmacist: Delivering information, knowledge or wisdom? 37
- C2 Question Prompt Lists: A tool to empower patients 50
- C3 Experiences in developing and implementing national medicines information strategies 57
- C4 Incorporating innovations: Use of technology in the provision of pharmacy services and pharmaceutical care 67
- C5 Improving the quality of the information pharmacists provide to patients 75
- C6 Short oral presentations on health and medicine information 86
- C7 Finding and evaluating information about complementary and alternative medicines 93
- C8 Using IT to improve collaborative practice 92

#### D. Realising better outcomes tomorrow
- D1 The effective utilisation of pharmacists in improving maternal, newborn and child health 38
- D2 Age-related medicines: Better outcomes for vulnerable patients 51
- D3 The challenge of ethnic differences in drug response for drug development and regulation 58
- D4 Improving access to quality healthcare for patients with mental health conditions and patients from vulnerable groups 68
- D5 Diagnostics in individualised medicine and pharmacotherapy: What you need to know 64
- D6 Pharmacy practice research: Do our patients deserve more? 66
- D7 Commitment to change: Your decision for everyday practice 98
- D8 Assisting pharmacists to improve outcomes: A toolkit 100
- D9 FIP-WGO joint session: Coping with common gastrointestinal symptoms in the community 43

#### E. Education, education and education!
- E1 AIM Deans’ Forum 30
- E2 Joint FIP-WHO Session: Commitment to change – Preparing the workforce for expanded scope of practice 36
- E3 A competent pharmacist: Do our patients deserve more? 42
- E4 Enquiry-driven practice: Development of knowledge, skills and attitudes 48
- E5 Education strategies to improve access to non-prescription medications 55
- E6 Is there a need to harmonize the training of industrial pharmacists? 78
- E7 Learning from patients: Experiential training 65
- E8 Implementing performance-based assessment methods 73
- E9 Advancing and developing expertise for better patient care 94
- E10 The FIP Education Initiative: Progress and challenges 90
- E11 Short oral presentations from the FIP Academic Pharmacy Section 95
- E12 Create a leadership vision and leave a legacy 99
- E13.1 ‘Edutainment’ – Freddie Mercury and Bob Marley make healthcare education more entertaining (Part 1) 40
- E13.2 ‘Edutainment’ – Freddie Mercury and Bob Marley make healthcare education more entertaining (Part 2) 60

#### F. Realising better outcomes tomorrow
- F1 Pharmacy Technicians Symposium 33
- F2 Pharmacy in Thailand 32
- F3 Personalised medicine: Pharmacokinetics and pharmacodynamics at the point of care 35
- F4 Pharmaceutilicals and the environment – How green can we be? 41
- F5 Developing natural materials as medicines 47
- F6 Information technology resources: The potential to support better patient care 54
- F7 History of pharmacy 72
- F8 Biotechnology: Fundamentals of biologic medicines (part 1, part 2) 80
- F9 Joint FIP-WHO Session: Commitment to change: From Basel to Bangkok: Summary of revisions to the Basel statements on the future of hospital pharmacy (Part 1, Part 2) 88
- F10 Pharmacist in humanitarian work 69
- F11 Pharmacy health policy for management in military and emergency pharmacy practice 76
- F12 Short oral presentations of the FIP Social and Administrative Pharmacy Section 79
- F13 From Basel to Bangkok: Summary of revisions to the Basel statements on the future of hospital pharmacy (Part 1, Part 2) 94
- F14 Short oral presentations from the FIP Community Pharmacy Section 74
- F15 Presentations from FIP member organisations (part 1) 44
- F16 Presentations from FIP member organisations (part 2) 62
- F17 Presentations from FIP member organisations (part 3) 80
- F18 Presentations from FIP member organisations (part 4) 97

**THEME OF THE CONGRESS: Access to medicines and pharmacists today, better outcomes tomorrow**
# SESSONS OVERVIEW

## SATURDAY 30 AUGUST 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event hall 104</th>
<th>GH 203</th>
<th>GH 202</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Morning</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stakeholders Roundtables</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1st Council Meeting</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## SUNDAY 31 AUGUST 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event hall 104</th>
<th>GH 203</th>
<th>GH 202</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Morning</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2nd Council Meeting</td>
<td>F2 Pharmacy in Thailand</td>
<td></td>
</tr>
<tr>
<td><strong>Lunchtime</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Opening Ceremony, Opening Exhibition and Showcase</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Meeting Rooms:**
- Meeting Room 217 GH 201
- Meeting Room 214-215
- Meeting Room 220-221

- E1 AIM Global Deans Forum (day 1)
- F1 Pharmacy Technicians Symposium (day 1)
- E1 AIM Global Deans Forum (day 2)
- F1 Pharmacy Technicians Symposium (day 2)
- First Timers meeting
### MONDAY 1 SEPTEMBER 2014

<table>
<thead>
<tr>
<th>Event hall</th>
<th>GH 203</th>
<th>GH 202</th>
<th>Meeting Room</th>
<th>GH 201</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Morning (from 09:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A1</td>
<td>Pricing of pharmaceuticals</td>
<td>B1</td>
<td>Personalised medicine</td>
<td>E2</td>
</tr>
<tr>
<td>B1</td>
<td>Professionalism and autonomy in practice</td>
<td>F1</td>
<td>Commitment to change</td>
<td></td>
</tr>
<tr>
<td>F3</td>
<td>GH 202</td>
<td>Meeting Room</td>
<td>217</td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td>GH 201</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lunch time</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F9</td>
<td>Short orals FIP Industrial Pharmacy Section</td>
<td>E13.1</td>
<td>‘Edutainment’</td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td>A competent pharmacist</td>
<td>F4</td>
<td>Pharma-ceuticals and the environment</td>
<td></td>
</tr>
<tr>
<td>E4</td>
<td>Developing natural materials as medicines</td>
<td>F5</td>
<td>Enquiry-driven learning and practice</td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon (from 14:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>Medicines shortages</td>
<td>B2</td>
<td>Educating and developing the pharmacy workforce</td>
<td></td>
</tr>
<tr>
<td>B2</td>
<td>Medicines shortages</td>
<td>F5</td>
<td>Developing natural materials as medicines</td>
<td></td>
</tr>
<tr>
<td>E4</td>
<td>Enquiry-driven learning and practice</td>
<td>E3</td>
<td>A competent pharmacist</td>
<td></td>
</tr>
<tr>
<td>F6</td>
<td>SIG meeting: Natural Products</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TUESDAY 2 SEPTEMBER 2014

<table>
<thead>
<tr>
<th>Event hall</th>
<th>GH 203</th>
<th>GH 202</th>
<th>Meeting Room</th>
<th>GH 201</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Morning (from 09:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>Ensuring access to medicines</td>
<td>B3</td>
<td>Are pharmacists really accessible?</td>
<td></td>
</tr>
<tr>
<td>B3</td>
<td>Are pharmacists really accessible?</td>
<td>F6</td>
<td>Information technology resources</td>
<td></td>
</tr>
<tr>
<td>E5</td>
<td>Education strategies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lunchtime</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A4</td>
<td>Do patents limit access to new medicines?</td>
<td>E13.2</td>
<td>‘Edutainment’</td>
<td></td>
</tr>
<tr>
<td>E5</td>
<td>Education strategies</td>
<td>F14</td>
<td>US-Thai Pharmacy Consortium</td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon (from 14:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A5</td>
<td>Challenges of unmet needs</td>
<td>D5</td>
<td>Diagnostics in individualised medicine</td>
<td></td>
</tr>
<tr>
<td>D5</td>
<td>Diagnostics in individualised medicine</td>
<td>E7</td>
<td>Learning from patients: Experiential training</td>
<td></td>
</tr>
<tr>
<td><strong>SIG meeting: Natural Products</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### WEDNESDAY 3 SEPTEMBER 2014

<table>
<thead>
<tr>
<th>Event hall 104</th>
<th>GH 203</th>
<th>GH 202</th>
<th>Meeting Room 217</th>
<th>GH 201</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Breakfast (from 07:15 - 08:45)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Morning (from 09:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A6 Insights into biosimilars</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B4 Image and self-concept of the pharmacist</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F7 History of pharmacy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E8 Implementing performance-based assessment methods</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lunch time</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A7 Regulatory facilitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmabridge Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E6 The training of industrial pharmacists</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon (from 14:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A8 Clinical consequences of medicine shortages</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B5 Good Pharmacy Practice</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B9 Interventions to promote adherence to therapy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E9 Advancing and developing expertise for better patient care</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### THURSDAY 4 SEPTEMBER 2014

<table>
<thead>
<tr>
<th>Event hall 104</th>
<th>GH 203</th>
<th>GH 202</th>
<th>Meeting Room 217</th>
<th>GH 201</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Morning (from 09:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub meeting Basel (as of 11:00 hours)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F8 Biotechnology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Part 2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E10 The FIP Education initiative</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lunchtime</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub meeting Basel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IPS General assembly / Business meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E11 Short orals FIP Academic Pharmacy Section</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Afternoon (from 14:00)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd Council Meeting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sub meeting Basel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F8 Biotechnology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Part 2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E12 Create a leadership vision and leave a legacy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**E1 AIM DEANS’ FORUM: PREPARING THE WORKFORCE FOR CHANGING HEALTHCARE NEEDS**

Organised by FIP Academic Institutional Membership (AIM)
Attendance limited to Deans/Leaders of Schools of Pharmacy, Members of FIP AIM
Saturday 30 August 2014, 09:00 – 17:00 and Sunday 31 August 2014, 09:00 – 12:00
Room GH 201
Duration 9h

**PART I. IMPLEMENTING THE COMPETENCY FRAMEWORK - ALIGNING CONTENT, PEDAGOGY AND ASSESSMENT**
Saturday 30 August 2014, 09:00 – 12:00
Room GH 201

**FACILITATOR**
Sabina Essack (South Africa)

**PROGRAMME**
1) Introduction to the session
2) Country case studies presentations
   a. Washington State University – Linda Maclean (USA)
   b. University of KwaZulu-Natal – Fatima Suleman (South Africa)
   c. National University of Singapore - Wai Keung Chui (Singapore)
3) Roundtable discussions on best practice and/or solutions to challenges and/or implementation in own country contexts
4) Feedback from roundtable discussions + interaction with the panel
5) Closing remarks: Facilitator and panelists

**PART II. HOW TO TEACH AND MEASURE PROFESSIONALISM?**
Saturday 30 August 2014, 14:00 – 17:00
Room GH 201

**FACILITATORS**
Gilles Leclerc (Canada), Andries Koster (The Netherlands) and Dana Hammer (USA)

**PROGRAMME**
1) Introduction to the session
2) How does your programme teach/develop professionalism?
3) How does your programme measure/assess professionalism?
4) Roundtable discussions on best practice and/or solutions to challenges in own country contexts
5) Feedback from roundtable discussions + interaction with the panel
6) Closing remarks: Facilitator and panelists

**PART III. HOW DOES PROFESSIONALISM LINK TO SOCIAL ACCOUNTABILITY?**
Sunday 31 August 2014, 09:00 – 11:00
Room GH 201

**FACILITATORS**
David Hill (Canada) and Eric Salenga (Philippines)

**PROGRAMME**
1) Introduction to the session
2) How does professionalism link to social accountability? Philippines case
3) Roundtable discussions on best practice and/or solutions to challenges and/or implementation in own country contexts
4) Feedback from roundtable discussions + interaction with the panel
5) Closing remarks

**PART IV. STRATEGIC PLANNING FOR THE FUTURE**
Sunday 31 August 2014, 11:00 – 12:00
Room GH 201

This hour will be allocated to discuss future plans for the AIM Forum and possible projects across the FIP Education Initiatives and Boards. An initial school presentation will be conducted to encourage the discussion among the participants. The objective of this session is to reflect what has worked in the past and what we would like to see addressed in the Deans’ Forum.

---

**F1 PHARMACY TECHNICIANS SYMPOSIUM**

Organised by the FIP Education Development Team - Pharmacy Support Workforce Domain
Saturday 30 August 2014, 09:00 – 17:00 and Sunday 31 August 2014, 09:00 – 12:00
Room MR 212-215
Duration 9h

**LEARNING OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Describe the characteristics and expectations of skilled and para-professional support personnel
- Describe different models and mechanisms used to support an enhanced pharmacist role through the utilisation of pharmacy technicians
- Identify common challenges and strategies used in different regions of the world to improve the utilisation and integration of pharmacy technicians within the pharmacy team
- Identify the need for defined competencies for pharmacy technicians
- Describe different education program models to meet defined needs of pharmacy technicians
- Describe different collaborative practices that pharmacists and pharmacy technicians have used to enhance the delivery and access to pharmacy services

**CHAIR**
Susan James (Ontario College of Pharmacists, Canada)

**PROGRAMME**
Saturday 30 August 2014, 09:00 – 17:00
Room MR 212-215

1) Introduction and overview
2) Mechanisms to enhance access to pharmacy services:
   a. Engaging change: a national regulatory framework for pharmacy technicians - Marshalli Moleshi (Ontario College of Pharmacists, Canada)
   b. Supporting career development for pharmacy technicians - Hui Leng Lim (Ministry of Health, Singapore)
   c. Development of professionalism and accountability – can it be taught?
   d. Competencies for pharmacy technicians – what extent do they overlap with pharmacists?
3) Pharmacy technicians: professionals, support workers or both?
   a. Enhanced access to medicine through remote dispensing - Susan James (Ontario College of Pharmacists, Canada)
   b. Paper Analytical Devices (PAD) for the screening of substandard medications in Western Kenya - Steve Acres (Association of Pharmacy Technicians, United Kingdom)
   c. Defining pharmacy technician competencies – is it necessary?
      i. Catherine Duggan (Royal Pharmaceutical Society of Great Britain, United Kingdom)
      ii. Camille Van Miert (Royal Pharmaceutical Society, Belgium)
4) Discussion
5) Wrap-up - Susan James (Ontario College of Pharmacists, Canada)
**SUNDAY**

**F2 PHARMACY IN THAILAND**

Organised by the Thai Host Committee

Sunday 31 August 2014, 09:00-12:00
Room GH 202
Duration: 3h

**MODERATORS**
Teera Chakajnarodom and Kampanart Huanbutta (Thailand)

**PROGRAMME**

09:00 - 09:50  Development of pharmacy profession in Thailand  
Songsak Srianujata

09:50 - 10:40  Pharmacy education development in Thailand: The transition  
Sumon Sakolchai

10:40 - 11:00  Coffee break

11:00 - 11:50  Future prospect of pharmaceutical education and professionalism in Thailand and AEC  
Sindhchai Keokitichai

**MONDAY**

**A1 PRICING OF PHARMACEUTICALS: HOW ARE PRICES DETERMINED?**

Organised by the FIP Programme Committee

Monday 1 September 2014, 09:00-12:00
Room GH 203
Duration: 3h

**LEARNING OBJECTIVES**

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

- Describe the factors that are used to determine the cost of medicines.
- Describe different models for establishing the price of a medicine.
- List different ways by which medicines can be paid for in a health plan.
- Describe methods pharmacists can use to improve the affordability of medicines.

**CHAIR**
Phil Schneider (University of Arizona, USA)

**PROGRAMME**

1) Cost of drug development  
Stephen Stefano (Synopia Rx, USA)

2) Pricing: Differencing pricing and value-based pricing  
Lloyd Sansom (School of Pharmacy and Medical Sciences at the University of South Australia, Australia)

3) Payment schemes (health insurance impact on affordability of medicines or universal coverage)  
Leonila Ocampo (Philippine Pharmacists Association, Philippines)

4) Role of pharmacists to improve affordability (formulary, substitution, negotiation)  
Cécile Macé (World Health Organization, Switzerland)
B1 PROFESSIONALISM AND AUTONOMY IN PRACTICE

Organised by the FIP Programme Committee

Monday 1 September 2014, 09:00-12:00
Room GH 202
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Outline the concept of professional autonomy as it relates to pharmacists’ practice and the responsible use of medicines.
• Describe some of the ethical principles that guide the decisions made by pharmacists in their daily work.
• Describe the key issues related to ethics, autonomy and professionalism that pharmacists in contemporary practice settings around the world face.
• Outline the tools that should be considered to ensure that the public receives optimal value from the profession of pharmacy.

CHAIR
Betty Chaar (University of Sydney, Australia)

PROGRAMME
1) 09:00 What is professional autonomy for the pharmacist?
Andrew Gilbert (University of South Australia, Australia)

2) 09:30 Case studies in professional autonomy
Isabelle Adenot (Conseil National de l’Ordre des Pharmaciens, France)

10:00 Break

3) 10:30 Industrial pharmacists and professional autonomy
Linda Hakes (FIP IPS, Germany)

4) 11:00 A vision for pharmacist professional autonomy
William Zeimer (Pharmacy Foresight Consulting, USA)

5) 11:30 Panel discussion – Q & A

F3 PERSONALISED MEDICINE: PHARMACOKINETICS AND PHARMACODYNAMICS AT THE POINT OF CARE

Organised by the FIP SIG on PK/PD & Systems Pharmacology

Monday 1 September 2014, 09:00-12:00
Room MR 217
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe basic pharmacokinetic-pharmacodynamic principles that underlie dosing regimen calculations in specific diseases and special populations.
• Identify cases in which computer interfaces could be used to bring model-based regimen design to the patient bedside.
• Describe informatics-based approaches to predicting optimal drug dosing regimens based on population models and patient-specific characteristics that influence exposure–response relationships.

CHAIRS
Donald Mager (FIP SIG on PK/PD & SP, USA) and Yasuo Takeda (FIP HPS, Japan)

PROGRAMME
1) Pharmacokinetic and pharmacodynamic concepts in regimen design
Meindert Danhof (Leiden University, The Netherlands)

2) Computer “dashboards” for achieving personalised pharmacotherapy
Richard Upton (Projections Research Inc. and University of Adelaide, Australia)

3) Optimising regimen design with physiologically-based pharmacokinetic models
Andrew McLachlan (University of Sydney, Australia)

4) Population-based methods to guide dosage adjustments
Satohiro Masuda (Kyushu University Hospital, Japan)
C1 THE PHARMACIST: DELIVERING INFORMATION, KNOWLEDGE OR WISDOM?

Organised by the FIP Community Pharmacy Section and the FIP Pharmacy Information Section

Monday 1 September 2014, 09:00-12:00
Room MR 220-221
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the current roles of community pharmacists in the provision of primary care services to their patients.
• Identify potential roles for community pharmacists in expanding patient access to primary care services.
• Outline how regulation impacts (facilitates or hinders) an expanded role for the community pharmacist.
• Describe how pharmacists’ access to information can impact the primary care services they provide.

CHAIRS
Lars-Åke Söderlund (FIP CPS, Sweden) and Parisa Aslani (FIP PIS, Australia)

PROGRAMME
1) Pharmacokinetic and pharmacodynamic concepts in regimen design
   Meindert Danhof (Leiden University, The Netherlands)

2) Primary care services delivered by community pharmacists – what do we do and what can we do?
   Tim Chen (The University of Sydney, Australia)

2) Pushing an extended reimbursed role for the pharmacist
   Paul Sinclair (Pharmacy Guild of Australia)

3) A health knowledge ecosystem: Towards participation of all healthcare actors in a self-reinforcing
   knowledge loop through advanced IT solutions
   Mette Heringa (Health Base Foundation, The Netherlands)

4) Pharmacists’ access to information for effective provision of primary care services
   Tolu Taiwo (Horizon Pharma, USA)

5) Patient empowerment as a facilitator of pharmacists delivering primary care services
   Lars-Åke Söderlund (Apoteket AB, Health Care & Enterprises, Sweden)

6) Panel discussion

E2 JOINT FIP-WHO SESSION: COMMITMENT TO CHANGE - PREPARING THE WORKFORCE FOR EXPANDED SCOPE OF PRACTICE

Organised by FIP Education Initiatives (FIPEd), the FIP Academic Pharmacy Section, the FIP Education Development Team (EDT) and the FIP Academic Institutional Membership (AIM)

Monday 1 September 2014, 09:00-12:00
Room GH 201
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
· State key messages from the 2013 WHO guidelines on “Transforming and scaling up health professionals’ education and training”.
· Identify transformative change in pharmacy education needed to meet societal needs including new competencies required for the 21st century.
· Describe changes to health professionals’ education and training that are necessary to achieve sustainable health systems for the future.

CHAIRS
Ralph Altiere (FIP APS, USA) and Erica Wheeler (WHO)

PROGRAMME
1) WHO guidelines for “Transforming and scaling up health professionals’ education and training”
   Erica Wheeler (WHO)

2) FIP perspective on transformative pharmacy and pharmaceutical education
   Luc Besançon (FIP, The Netherlands)

3) Expanded scope of pharmacy practice – the case for transformation of pharmacy education and training
   Ian Bates (FIPEd, United Kingdom)

4) Case studies in transformative education reform: Presentations of examples of transformative change in education and practice

5) Panel discussion
   Open discussion with speakers and case study representatives on transformative pharmacy education and practice

6) Closing remarks
THE EFFECTIVE UTILISATION OF PHARMACISTS IN IMPROVING MATERNAL, NEW-BORN AND CHILD HEALTH

Organised by the FIP Board of Pharmaceutical Practice

Monday 1 September 2014, 09:00-12:00
Room MR 224
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• List the major factors and conditions that contribute to the mortality of women and their children on a global level.
• Describe innovative practices of drug distribution for supporting maternal and child health.
• Describe innovative practices for providing medication therapy management to improve maternal and child health.
• Describe innovative practices in professional development to achieve greater maternal and child health outcomes.
• Describe innovative practices for improving the effectiveness of the healthcare system to enhance maternal and child health.

CHAIR
Régis Vaillancourt (FIP, Canada)

PROGRAMME
1) Addressing the factors and conditions contributing to a decline in maternal and child health  
Régis Vaillancourt (FIP, Canada)

2) Innovative drug distribution practices to improve maternal and child health  
Bisi Bright (LiveWell Initiative, Nigeria)

3) Innovative practices for providing medication therapy management to enhance maternal and child health  
Subhash Mandal (Indian Pharmacists Association, India)

4) Innovative practices in professional development to achieve greater maternal and child health outcomes  
Rebekah Moles (The University of Sydney, Australia)

5) Innovative practices for improving the effectiveness of the healthcare system to enhance maternal and child health  
Régis Vaillancourt (FIP, Canada)

SHORT ORAL PRESENTATIONS OF THE FIP INDUSTRIAL PHARMACY SECTION

Organised by the FIP Industrial Pharmacy Section

Monday 1 September 2014, 12:15-13:45
Room GH 203
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe some original industrial pharmacy contributions with the focus “From development to marketing”.
• Compare the impact of these contributions based on their own experiences.
• Define how to make a striking presentation in a short and concise way.

CHAIR
Sini Eskola (FIP IPS, Belgium)

PROGRAMME
2) Development and characterization of nanolipobeads based dual drug delivery system for H. Pylori targeting  
Ashish Jain (India)

2) Determinants of new product launch success in the Finnish pharmaceutical industry  
Minna Matikainen (Finland)

3) Real life as seen in classrooms, the future of a profession! A focus on Jordan  
Hamzeh Al-Dqour (Jordan)

4) Novel dual drug-loaded block ionomer complex micelles to synergize the combination treatments  
Chul Soon Yong (South-Korea)

5) Natural products, strategies to keep its good reputation and protection of patients  
Aldo Alvarez-Risco (Peru)

6) Olive biophenols: a natural B-secretase (BACE-1) inhibitor  
Syed Haris Omar (Australia)

7) A study to gauge the awareness about Look-Alike & Sound-Alike (LASA) drugs among hospital and industrial pharmacists in a developing country  
Salwa Ahsan (Pakistan)
E13.1 ‘EDUTAINMENT’ – FREDDIE MERCURY AND BOB MARLEY MAKE HEALTHCARE EDUCATION MORE ENTERTAINING (PART 1)

Organised by the FIP Community Pharmacy Section

Monday 1 September 2014, 12:15-13:45
Room GH 202
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify avoidable health risks.
• Challenge intervention strategies for deadly diseases.
• Explain the importance of responsibility for the maintenance of health.

CHAIR
Karin Graf (FIP CPS, Germany)

PROGRAMME
1) Monday: Freddie Mercury – living with AIDS
   Theo Dingermann (Goethe-University Frankfurt, Germany)

F4 PHARMACEUTICALS AND THE ENVIRONMENT – HOW GREEN CAN WE BE?

Organised by the FIP Boards of Pharmaceutical Practice and Pharmaceutical Sciences

Monday 1 September 2014, 12:15-13:45
Room MR 217
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe environmentally-friendly approaches related to pharmaceuticals in different pharmacy-related settings.
• Advocate the ownership of the environmental issues of pharmaceuticals by pharmacists.
• Recognise the opportunities for pharmacists’ leadership in the environmental issues of pharmaceuticals.
• Identify the aims of the document “Green pharmacy practice”

CHAIR
Lowell Anderson (University of Minnesota, USA)

PROGRAMME
1) Introduction of the preliminary FIP BPP/BPS document ‘Green pharmacy practice – reference guide for pharmacists’
   Eeva Terasalmi (FIP, Finland)

2) Brainstorming and discussion
   Facilitator: Lowell Anderson (University of Minnesota, USA)

3) Conclusions
A COMPETENT PHARMACIST: DO OUR PATIENTS DESERVE MORE?

Organised by the FIP Young Pharmacists' Group (YPG)

Monday 1 September 2014, 12:15-13:45
Room GH 201
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe effective utilisation of competency guidelines.
• Draw attention to the limitations of competency guidelines.
• Advocate the role that competency guidelines in conjunction with professional innovations can hold within pharmacy.
• Outline how improved patient outcomes can be influenced by guidance from competency guidelines.

CHAIRS
Gregory Duncan (Monash University, Australia) and Scott Dalgliesh (FIP YPG, United Kingdom)

PROGRAMME
For each topic, panelists will be debating either the affirmative or negative position in teams.

D9 FIP-WGO JOINT SESSION: COPING WITH COMMON GASTRO-INTESTINAL SYMPTOMS IN THE COMMUNITY

Organised by FIP and the World Gastroenterology Organisation (WGO)

Monday 1 September 2014, 12:15-13:45
Room MR 214-215
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the role of community pharmacists in the treatment of common gastro-intestinal symptoms.
• Summarise the decision tree ("cascade") to cope with common gastro-intestinal symptoms in the community.
• Apply this decision tree to a few common cases.

CHAIRS
Khean-Lee Goh (WGO Vice President and Team Member of the Common Symptoms Guideline, Malaysia) and Eugene Lutz (CPS, USA)

PROGRAMME
1) Guidelines on “Common GI symptoms in the community: Impact and interpretation – development and description”
   Khean-Lee Goh (WGO Vice President and Team Member of the Common Symptoms Guideline, Malaysia)

2) Impact of these guidelines in pharmacy practice
   Eugene Lutz (CPS, USA)

3) Application in daily pharmacy practice: Case studies
   Paul Sinclair (CPS, Australia)

4) Q & A
F15 PRESENTATIONS FROM FIP MEMBER ORGANISATIONS (PART 1)
Organised by the FIP Bureau
Monday 1 September 2014, 12:15-13:45
Room MR 220-221
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the public-private partnership in pharmaceutical affairs in Japan
• List what changes have been adopted to facilitate the new challenges for pharmacists in the UK
• Describe the tools used in the CPD system in Norwegian pharmacies

CHAIR
Prafull Sheth (FIP, India)

PROGRAMME
1) Public-private partnership in pharmaceutical affairs in Japan
   Tatsuro Irimura (St. Luke's International Hospital, Japan)

2) Evolution of models of care in England and Scotland
   Claire Anderson & Helen Gordon (Royal Pharmaceutical Society, United Kingdom)

3) First steps towards CPD in Norway
   Guri Wilhelmsen and Tove Ytterbø (Norwegian Association of Pharmacists, Norway)

A2 MEDICINES SHORTAGES: AN EVER INCREASING THREAT
Organised by the FIP Programme Committee
Monday 1 September 2014, 14:00-17:00
Room GH 203
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe two of the findings of the International Summit on Medicines Shortages organised by FIP
• Describe the effect of supply chain issues on medicines shortages.
• Describe how a pharmacist can manage medicines shortages with minimal impact on the patient.
• Explain how Good Manufacturing Practices (GMPs) impact medicines shortages.

CHAIRS
Bob DeChristoforo (FIP Programme Committee, USA) and Giovanni Pauletti (The James L. Winkle College of Pharmacy, USA)

PROGRAMME
1) General overview: Summit feedback
   Betty Chaar (University of Sydney, Australia)

2) Pharmacist's role in managing medicines shortages
   Douglas Scheckelhoff (American Society of Health-System Pharmacists, USA)

3) Supply chain issues, geographical issues, performance requirements imposed by government: How can the supply chain guarantee continuity of supply?
   Sherry Peister (Canadian Pharmacists Association, Canada)

4) Shelf life extension and compounding: Rationale and safe measures to mitigate drug shortages
   Bob DeChristoforo (FIP Programme Committee, USA)
B2 EDUCATING AND DEVELOPING THE PHARMACY WORKFORCE

Organised by the FIP Programme Committee

Monday 1 September 2014, 14:00-17:00
Room GH 202
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Explain the basic principles and foundations related to defining competence for the several components of the pharmacy workforce to include pharmacy technicians, pharmacists, clinical pharmacy specialists and pharmaceutical scientists.
• Describe Scope of Practice for pharmacists from a legal and professional perspective and relate this to the scopes of practice of other health professionals.
• Outline the several levels of education and competence development that must be considered when assigning tasks and duties to the various levels of the pharmacy workforce.
• Explain how all levels of the pharmacy workforce can practice at the highest level of their competence in order to assure quality and effective services.

CHAIRS
Arijana Mestrovic (Pharma Expert, Croatia) and Ian Bates (University College London, United Kingdom)

PROGRAMME
1) Defining competence for pharmacists using a competency framework model
Ian Coombes (Royal Brisbane Hospital, Australia)

2) Legal and professional perspectives on the scope of practice for pharmacists and other health professionals
Jill Martin-Boone (University of Cincinnati, USA)

3) Dividing the labour: How can we most effectively assign work tasks based on competence and scope of practice?
Lawrence Brown (University of Tennessee, USA)

4) Impact of education – quality assured workforce development leads to quality of services
Mike Rouse (ACPE, USA)

5) Panel discussion

F5 DEVELOPING NATURAL MATERIALS AS MEDICINES

Organised by the FIP SIG on Natural Products and the FIP SIG on Drug Design and Discovery

Monday 1 September 2014, 14:00-17:00
Room MR 217
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate an understanding of principles of structure modification for pharmaceutical compounds.
• Compare and distinguish structures of similar compounds with similar/different effects.
• Describe merits of modified natural products and their application to practical use.

CHAIRS
Takuya Kumamoto (FIP SIG on DDD, Japan) and Michiho Ito (FIP SIG on NP, Japan)

PROGRAMME
1) Semisynthesis in drug discovery: Introduction
Takuya Kumamoto (Musashino University, Japan)

2) Structural modification as a promising strategy in natural products drug discovery
Apichart Suksamrarn (Ramkhamhaeng University, Thailand)

3) Dietary supplements – extracts of natural materials but not pharmaceuticals
Eddie Smith (Herb Pharm Inc., USA)

4) Safety aspects and general regulations of Chinese herbal therapy
Klaus Hambrecht (Center for Safety of Chinese Herbal Therapy, Germany)

5) Discussion & questions
E4  ENQUIRY-DRIVEN LEARNING AND PRACTICE: CREATING THE CULTURE THROUGH EDUCATION AND TRAINING
Organised by the FIP Academic Pharmacy Section and the FIP Education Development Team (EDT)
Monday 1 September 2014, 14:00-17:00
Room GH 201
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe evidence-based practice and enquiry-based learning and practice.
• Describe key theories related to clinical decision making.
• Identify practical methods to educate and train students and practitioners to engage in enquiry-based practice.
• Evaluate the use of evidence in decision-making and patient care.

CHAIRS
Carl Schneider (The University of Sydney, Australia) and Jennifer Archer (Jennifer Archer Consulting Ltd., United Kingdom)

PROGRAMME
1) Enquiry-based learning and practice - making clinical decisions better
   Neal Maskrey (Keele University & National Institute for Health and Care Excellence, United Kingdom)
2) World Café
   Roundtable discussions on selected topics in enquiry-based learning and practice such as pharmacy education development, professional development and training, reflection and evaluation of evidence used in patient care and others.
   Attendees will have the opportunity to participate in more than one roundtable discussion.
3) Information mastery
4) Summary and conclusions

B6  USING SOCIAL MEDIA TO SUPPORT COMMUNICATION BETWEEN PHARMACISTS AND PATIENTS
Organised by the FIP Social and Administrative Pharmacy Section and the FIP Pharmacy Information Section
Monday 1 September 2014, 14:00-17:00
Room MR 214-215
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the current use of social media and social networking by pharmacists and patients.
• Describe some of the challenges associated with the use of social media and social networking by pharmacists.
• Demonstrate an understanding of the reasons why patients use social media and social networking as part of their disease management.
• Demonstrate an understanding of the information sought by patients from social media and social networking sites.

CHAIRS
Lindsay McClure (FIP PIS, United Kingdom) and Marion Schaefer (FIP SAPS, Germany)

PROGRAMME
1) The use of social media and social networking by pharmacists
   Arcelio Benetoli (The University of Sydney, Brazil/Australia)
2) Social networking in pharmacy practice – evidence-based status report
   Saval Khanal (University of Queensland, Nepal/Australia)
3) Mentally ill patients using social networks for communication and exchange of information
   Cody Midlam (Clinical Consultant Pharmacist, USA)
4) Opportunities and challenges of social networks to provide health-related information to patients
   Madhusudan Joshi (Goa College of Pharmacy, India)
C2 QUESTION PROMPT LISTS: A TOOL TO EMPOWER PATIENTS

Organised by the FIP Pharmacy Information Section

Monday 1 September 2014, 14:00-17:00
Room MR 220-221
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate an understanding of question prompt lists
• Distinguish the positive impacts of question prompt lists on patients
• Describe how question prompt lists can be effectively used in consultations

CHAIR
Parisa Aslani (FIP PIS, Australia)

PROGRAMME
1) The use of question prompt lists to promote patient involvement in consultations on cancer therapy and palliative care
   Adam Walczak (The University of Sydney, Australia)

2) Development of a question prompt list for use with parents of children with ADHD
   Rana Ahmed (The University of Sydney, Australia)

3) Health literacy factors to consider in empowering patients to ask questions
   Greg Duncan (Monash University, Australia)

4) Alternative sources of written information for patient-centred care and empowerment
   Victoria Hall Ramirez (University of Costa Rica, Costa Rica)

5) Use of question prompt lists in patient-centered consultations to promote informed treatment decision-making (workshop activity)

D2 AGE-RELATED MEDICINES - BETTER OUTCOMES FOR VULNERABLE PATIENTS

Organised by the FIP Industrial Pharmacy Section

Monday 1 September 2014, 14:00-17:00
Room MR 224
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the socio-economic challenges of the various demographics in different parts of the world and the likely impact of changes to the current demographic profile
• Identify the key challenges associated with the development of age-related medicines
• Describe the experiences gained from the increased focus on development of paediatric medicines
• Discuss the potential opportunities for performing age-specific pharmaceutical developments
• Discuss the regulatory and scientific developments in the area of age-related medicines

CHAIRS
Sola Solarin (Savante Consulting Limited, Nigeria) and Jayne Lawrence (APSGB, United Kingdom)

PROGRAMME
1) Development of pediatric development - Successes and challenges
   Sven Stegemann (Pharma Business Development EMEA, Capsugel, Germany)

2) Why do we need age-related medicines?
   Mohammed Abdel-Fattah (Egypt)

3) Regulatory opportunities and hurdles
   Prassaporn Thanaphollert (Bureau of Drug Control, Thailand)

4) Clinical development - challenges and opportunities
   Maurice Cross (Veeda Clinical Research, India)

5) Panel discussion
ENSURING ACCESS TO MEDICINES: A REGULATORY PERSPECTIVE

Organised by the FIP Social and Administrative Pharmacy Section

Tuesday 2 September 2014, 09:00-12:00
Room GH 203
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

• Describe the current challenges in various countries/regions with respect to the timely access to medicines as effective health interventions.
• Investigate the notion of essential medicines versus preferred medicines from both a health system perspective and a consumer perspective.
• Understand the relationship between essential medicine lists and standard treatment guidelines.
• Outline an overview of intervention strategies designed to facilitate appropriate and responsible use of medicines via medication management initiatives and medication safety interventions.
• Identify different medication pricing systems and the impact of regulating drug prices in promoting access to affordable drug treatment and sustainable healthcare services.

CHAIRS
Timothy Chen (FIP SAPS, Australia) and Ola Ghaleb Al Ahdab (FIP SAPS, United Arab Emirates)

PROGRAMME
1) Global pharmaceutical policies - Impact on medicine price and responsible use
   John Jackson (Pharmaceutical Society of Australia, Australia)

2) Updates about medication pricing regulation in the UAE and price standardisation in the GCC countries
   Ola Ghaleb Al Ahdab (FIP SAPS, United Arab Emirates)

3) Challenges in access to medicines in The Philippines, including strategies for appropriate and responsible use of medicines
   Leonila Ocampo (Philippines Pharmacy Association, Philippines)

4) Global and regional perspectives on access to and responsible use of antibiotics
   Niyada Kiatying-Angsulee (Chulalongkorn University, Thailand)

5) Global perspectives on the essential medicines list
   Mai Duong (The University of Sydney, Australia)

6) Panel discussion

ARE PHARMACISTS REALLY ACCESSIBLE?

Organised by the FIP Programme Committee

Tuesday 2 September 2014, 09:00-12:00
Room GH 202
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:

• List which parts of the world do not have enough pharmacists or pharmacies and the impact on access to medicines and pharmacist care.
• Identify the limited hours of service in many pharmacies and strategies as a barrier to access to medicines and pharmacist care.
• List innovative new technology-based ways to improve access to medicine and pharmacists that do not depend on a pharmacy being open.
• Describe ways to measure effective and safe access to medicines.

CHAIR
Phil Schneider (University of Arizona, USA)

PROGRAMME
1) Geographical distribution
   John Chave (PGEU, Belgium)

2) Access to pharmacists when the pharmacy is open
   Richard Ashworth (Boots UK, United Kingdom)

3) Access to pharmacists when the pharmacy is closed
   Michael Coughlin (ScriptPro, USA)

4) Panel discussion
**F6  INFORMATION TECHNOLOGY RESOURCES: THE POTENTIAL TO SUPPORT BETTER PATIENT CARE**

Organised by the FIP Young Pharmacists’ Group, the FIP Pharmacy Information Section, the FIP Academic Pharmacy Section, the International Pharmaceutical Students’ Federation (IPSF) and the FIP Social and Administrative Pharmacy Section

Tuesday 2 September 2014, 09:00-12:00
Room MR 217
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify how to use social media to communicate and respond to situations.
• Compare IT resources to access relevant information in a timely manner.
• Lay out sourced information to patients in an easily understood and accessible format.
• Investigate legal issues relating to use, posting and implementation of social media in an academic setting.
• Challenge the accepted status quo in education provision.

CHAIRS
Mrudula Naidu (FIP YPG, India) and Sarah Sinclair (FIP YPG, Australia)

PROGRAMME
1) Introduction
2) Access to IT Systems, and evaluation of information
3) Integrating social media into teaching and learning
   Arcelio Benetoli (The University of Sydney, Brazil/Australia)
4) Lifelong learning, IT resources and social media
5) Authentic assessment using IT resources and social media
   Catherine Brown ( Cairns Hospital, Australia)
6) Student life and social media – the digital native perspective

---

**E5  EDUCATION STRATEGIES TO IMPROVE ACCESS TO NON-PRESCRIPTION MEDICATIONS**

Organised by FIP Education Initiatives (FIPEd), the FIP Academic Pharmacy Section and the FIP Education Development Team (EDT)

Tuesday 2 September 2014, 09:00-12:00
Room GH 201
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe diverse pharmacy settings from different regions of the world as they relate to classification and accessibility of non-prescription medicines.
• Describe diverse pharmacy settings from different regions of the world as they relate to the pharmacist’s role in recommending non-prescription medicines.
• Identify an active learning framework for teaching non-prescription medicines in the pharmacy curriculum.
• Describe teaching methods (PBL, gaming, reflection exercises) that can be adopted to deliver non-prescription content through active learning.

CHAIRS
Seena Haines (Palm Beach Atlantic University, USA) and Jenny van Amburgh (Northeastern University, USA)

PROGRAMME
PART 1: 1.5H
1) Non-prescription medicines teaching methods to promote active learning and student engagement
   Seena Haines (Palm Beach Atlantic University, USA) and Jenny van Amburgh (Northeastern University, USA)

PART 2: 1.5H
Access to non-prescription medicines in three different countries
1) Self care programme – the consumer health information and pharmacist and pharmacy assistant training program managed by the Pharmaceutical Society of Australia
   John Bell (Pharmaceutical Society of Australia, Australia)
2) India
   Manjiri Gharat (FIP CPS, India)
3) Canada
   Nardine Nakhla (University of Waterloo, Canada)
**C3 EXPERIENCES IN DEVELOPING AND IMPLEMENTING NATIONAL MEDICINES INFORMATION STRATEGIES**

Organised by the FIP Pharmacy Information Section

Tuesday 2 September 2014, 09:00-12:00
Room MR 220-221
Duration: 3h

**LEARNING OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Describe how medicines information may strategically be developed.
- Identify the importance of multidisciplinary stakeholder co-operation in developing medicines information.
- Specify how policies in developing medicines information may be implemented.
- Define the outcomes which may be reached by strategic development of medicines information.

**CHAIRS**
Katri Hämeen-Anttila (Finnish Medicines Agency, Finland) and Parisa Aslani (The University of Sydney, Australia)

**PROGRAMME**

1) Introduction to strategic development of medicines information
Theo Raynor (University of Leeds, United Kingdom)

2) The USA – a pioneer in the strategic development of medicines information
N Lee Rucker (National Council on Patient Information and Education, USA)

3) Experiences from the medicine information work in the European Union
Ulla Närhi (Ministry of Social Affairs and Health, Finland)

4) Strategic development of medicines in developing countries
Kathleen Holloway (WHO)

5) Experiences in the first two years after establishing a national network for medicines information in Finland
Katri Hämeen-Anttila (Finnish Medicines Agency, Finland)

6) Discussion
DO PATENTS LIMIT ACCESS TO NEW MEDICINES?

Organised by the FIP Industrial Pharmacy Section and the FIP Pharmacy Information Section

Tuesday 2 September 2014, 12:15-13:45
Room GH 203
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Understand the basics about patents and why patent legislation exists.
• Describe average development costs and development time for new medicines.
• Discuss the different arguments in support of and against patents.
• Distinguish between access in the short run and in the long run

CHAIRS
Ulf Janson (FIP IPS, Sweden) and Boyan Todorov (FIP PIS, The Netherlands)

PROGRAMME
12:15 Welcome and introduction
12:20 Acting in public health interest: GPOs (government pharmaceutical organizations)
   Suwit Wibulpolprasert (Ministry of Public Health, Thailand)
12:45 Why patents are a must: The cost of innovation
   Richard Bergstrom (EFPIA, Belgium)
13:10 Access to essential medicines: an evidence for policy interventions?
   Kathleen Holloway (WHO, Switzerland)
13:35 Is there a compromise to be found?
   Panel discussion
US-THAI PHARMACY CONSORTIUM: A SUCCESSFUL 20 YEAR EDUCATION AND TRAINING PARTNERSHIP

Organised by the FIP Programme Committee, FIP Education Initiatives and the FIP Academic Pharmacy Section

Tuesday 2 September 2013, 12:15-13:45
Room GH 201
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the development, structure and goals of the US-Thai-Pharmacy Consortium.
• Identify the major activities on the consortium over its 20-year history.
• Provide examples of the impact of the Consortium's work on pharmacy education, training, research and practice in Thailand.
• Describe the potential for applying the consortium model to other regions of the world.

CHAIRS
Michael Katz (University of Arizona, USA) and Surakit Nathisuwan (Mahidol University, Thailand)

PROGRAMME
1) Welcome from moderators
Surakit Nathisuwan (Mahidol University, Thailand) and Michael Katz (University of Arizona, USA)

2) Greetings from Pharmacy Education Council of Thailand (PECT)
Wongwiwat Tassaneeyakul (Khon Kaen University, Thailand)

3) History, development, structure and goals of the US-Thai Pharmacy Consortium
Ed Moreton (University of Maryland, USA)

4) 20 years of Consortium activities
Surakit Nathisuwan (Mahidol University, Thailand)

5) Impact of the Consortium on careers of Thai faculty members
Thitima Doungngern (Prince of Songkla University, Thailand) and Montarat Thavorncharoensap (Mahidol University, Thailand)

6) Collaborative models for international cooperation
Michael Katz (University of Arizona, USA)

7) Discussion
F16 PRESENTATIONS FROM FIP MEMBER ORGANISATIONS (PART 2)
Organised by the FIP Bureau

Tuesday 2 September 2014, 12:15-13:45
Room MR 220-221
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify the services and strategies developed by community pharmacies in Belgium for patients with asthma.
• Outline the tools for pharmaceutical prescription used in Brazil.
• Define the Good Pharmacy Practice in Spanish community pharmacies.

PROGRAMME
1) Services for patients with asthma in community pharmacies in Belgium
   Jan De Poorter (APB, Belgium)
2) Pharmaceutical prescription in Brazil*
   Walter João (CFF, Brazil) (* Presentation in Portuguese with English translation on the slides)
3) Good pharmacy practice in Spanish community pharmacy
   Laura Martin-Gutierrez (Consejo General de Colegios Oficiales de Farmacéuticos, Spain)

A5 CHALLENGES OF UNMET NEEDS: DRUG DISCOVERY
Organised by the FIP Programme Committee

Tuesday 2 September 2014, 14:00-17:00
Room GH 203
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the factors that are driving the increased focus on translational drug discovery.
• Compare new collaborative models of drug discovery.
• Identify critical areas of unmet need in terms of drug discovery.
• Identify the critical role of pharmaceutical science in collaborative drug discovery models.

CHAIRS
Ross McKinnon (Flinders Centre for Innovation in Cancer, Australia)

PROGRAMME
1) Unmet needs in drug discovery – What are the issues?
   Ross McKinnon (Flinders Centre for Innovation in Cancer, Australia)
2) Antibiotics
   Doug Fish (University of Colorado, USA)
3) Antimalarial drug discovery: challenges and progress
   Susan Charman (Monash University, Australia)
4) Lessons learned from HIV drug development and the way forward
   Alice Pau (National Institute of Allergy and Infectious Diseases, USA)
**D5 DIAGNOSTICS IN INDIVIDUALISED MEDICINE AND PHARMACOTHERAPY: WHAT YOU NEED TO KNOW**

Organised by the FIP Clinical Biology Section and the FIP SIG on Translational Research and Individualized Medicines

Tuesday 2 September 2014, 14:00-17:00
Room MR 217
Duration 3h

**LEARNING OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Define laboratory tests and general features of a good biomarker.
- Inform pharmacists on how to use biomarkers/diagnostics in personalized medicine.
- Describe biomarkers and their use as key elements for drug monitoring and disease management.
- Identify current advances of biomarkers focusing on pharmacogenetics, cardiovascular, cancer and infectious diseases.

**CHAIRS**
Majid Moridani (FIP SIG on TR and IM, USA) and Bernard Poggi (FIP CBS, France)

**PROGRAMME**
1) Advances in pharmacogenetics markers
   Ichiro Ieri (Kyushu University, Japan)
2) Cancer biomarkers in diagnostics and pharmacotherapy
   Majid Moridani (Medical College of Wisconsin, USA)
3) Diagnostics and antibiotherapy: Bacterial resistance
   Sonia Faria (FIP CBS, Portugal)
4) Individualized patient management in complex patients with diabetes, dyslipidemia and cardiovascular disease

---

**E7 LEARNING FROM PATIENTS: EXPERIENTIAL TRAINING**

Organised by FIP Education Initiatives (FIPEd), the FIP Academic Pharmacy Section and the FIP Education Development Team (EDT)

Tuesday 2 September 2014, 14:00-17:00
Room GH 201
Duration 3h

**LEARNING OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Describe the importance of experiential training for students and young pharmacists.
- Describe case studies in the experiential training/learning environment that demonstrate engagement and collaboration across healthcare sectors and pharmacy practice settings.
- Demonstrate how to better engage with the other healthcare professionals.
- Critically identify possible collaborations in multiple settings.

**CHAIR**
Lucinda Maine (American Association of Colleges of Pharmacy, USA) and Claire Anderson (FIPEd, United Kingdom)

**PROGRAMME**
1) Developing global policy for interprofessional experiential education
   a. Experiences and rotations
      Tina Brock (University of California SF, USA)
   b. Projects
      Jill Boone (University of Cincinnati, USA)
   c. New school
      Tim Rennie (University of Namibia, Namibia)
2) Learning from patients and experiential training, country examples:
   a. Malaysia
      Benny Efendie (Monash University, Australia)
   b. Uganda
      Richard Adome (Makerere University, Uganda)
   c. Thailand
      Teeрапorn Chanakit (Thailand)
   d. Zambia
      Luungwani Muungo (Zambia)
3) How to engage in partnership across the health sectors?
   a. Workshop activity with the audience
      Facilitator: Tina Brock (University of California SF, USA)
4) Feedback from participants and recommendations
5) Closing remarks
   Ralph Altiere (FIP, USA)
TUESDAY

D6  PHARMACY PRACTICE RESEARCH: ACCESS TO MEDICINES AND PHARMACISTS’ INFLUENCE ON MEDICATION ADHERENCE

Organised by the FIP Board of Pharmaceutical Practice

Tuesday 2 September 2014, 14:00-17:00
Room MR 214-215
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
- Identify the key issues in PPR focusing on medication adherence and the role and value of pharmacists
- List patient factors influencing medication non-adherence.
- Describe the key principles that underpin patient health behaviour in medication adherence.
- Outline the evidence on the impact and value of pharmacists in medication adherence.

CHAIRS
Martin Schulz (Goethe-University Frankfurt, Germany), Charlie Benrimoj (University of Technology - Sydney, Australia) and Han de Gier (University of Groningen, The Netherlands)

PROGRAMME
1) Welcome and introduction
2) Overview of the major patient behavioural models
   Marcel Bouvy (University of Utrecht, The Netherlands)
3) Patient counselling and its impact on medication adherence behaviour, quality of life in diabetic patients from South Indian Secondary Care Hospital
   Varun Talla (India)
4) The pharmacist’s role in dementia care: a perspective from Thailand
   Rodcharracter Hanrinth (Malaysia)
5) Barriers to adherence to antihypertensive medications in clinical practice – A population-based study
   Katja Halkarainen (Sweden)
6) The impact of pharmacists’ intervention to improve medication adherence – a systematic review
   Fernando Fernandez-Llimos (University of Lisbon, Portugal)
7) Preliminary results of the ADHIERETE programme
   Carmen Peña (Spain)
8) Measurement and identification of factors associated to medication adherence for ART therapy in HIV/AIDS patients – A report from south Indian resource limited settings
   Padmanabhareddy Yiragam (India)
9) Estimation of medication adherence and quality of life profiles in hypertensive cases, from a South Indian Hospital
   Varun Talla (India)
10) Presentation of the PPR Best Short Oral Award (selected from the six short oral presentations)
    Han de Gier (University of Groningen, The Netherlands)

TUESDAY

C4  INCORPORATING INNOVATIONS: USE OF TECHNOLOGY IN THE PROVISION OF PHARMACY SERVICES AND PHARMACEUTICAL CARE

Organised by the International Pharmaceutical Students’ Federation (IPSF)

Tuesday 2 September 2014, 14:00-17:00
Room MR 220-221
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
- Analyse the technological competency of current pharmacists and identify the training gap required to create future innovative leaders in pharmacy practice and healthcare reform.
- Identify the current and developing technologies used in improving access of pharmacy services and medicines safety.
- Outline different strategies to increase access to validated medicine information and improve professional recognition of pharmacist using web based technologies.
- Describe the impact of communication technologies on the provision of pharmaceutical care.
- Identify and construct viable solutions to address the dangers of non-validated information on medicines online and in print (summary conclusions in newspaper articles or on television).

CHAIRS
Fahmi Fuady (IPSF, Turkey) and Aldo Alvarez-Risco (South American Network of Pharmaceutical Care, Peru)

PROGRAMME
1) What does a 21st century technologically savvy pharmacist look like?
   Cody Midlam (USA)
2) How can technology enhance the delivery of pharmacy services and pharmaceutical care?
   Michael Katz (University of Arizona, USA)
3) Impact of the internet on the access to pharmacists and pharmaceuticals and its implications on global regulations
   Aldo Alvarez-Risco (South American Network of Pharmaceutical Care, Peru)
4) Debate: Can we develop counselling software to increase the access to validated medicines information? What would be the implications of such technology?
D4 IMPROVING ACCESS TO QUALITY HEALTHCARE FOR PATIENTS WITH MENTAL HEALTH CONDITIONS AND PATIENTS FROM VULNERABLE GROUPS

Organised by the FIP Community Pharmacy Section and the FIP Social & Administrative Pharmacy Section

Tuesday 2 September 2014, 14:00-17:00
Room MR 224
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate a greater understanding of the healthcare needs of patients with mental health conditions and of the barriers that prevent them from accessing appropriate treatment.
• Describe the characteristics of an education programme to improve pharmacists’ care skills for patients with mental health conditions.
• Challenge the problems of medicines use that frequently occur in residential care settings, and the collaborative effort that is needed for these patients.

CHAIR
Phil Schneider (University of Arizona, USA)

PROGRAMME
1) Health needs of vulnerable patients in the 21st century
   Martin Henman (Trinity College Dublin, Ireland)
2) Overcoming barriers through pharmacist education
   Timothy Chen (The University of Sydney, Australia)
3) Improving medicines use in residential settings
   Charlotte Rossing (Pharmakon, Denmark)
4) Our experiences and our hopes

F10 PHARMACISTS IN HUMANITARIAN WORK

Organised by the FIP Community Pharmacy Section and the FIP Military and Emergency Pharmacy Section

Wednesday 3 September 2014, 07:15 – 08:45
Room MR 214-215
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe and develop the role of the pharmacists in emergency situations.
• Summarise the planning framework required for pharmacist involvement and collaboration in a humanitarian effort.
• Describe how pharmacists may become involved in humanitarian project.
• Describe the current pharmacy legislation supporting pharmacists in providing disaster response.
• Describe the best legislative practice in supporting pharmacists in providing disaster response.

CHAIR
Warren Meek (FIP CPS, Canada)

PROGRAMME
1) 07:30 Light breakfast
2) 07:50 My experiences in Haiti
   Dianne Lamarre (Pharmacists Without Borders, Canada)
3) 08:20 Pharmacy Legislation Supporting Disaster Response
   Régis Vaillancourt (Children’s Hospital of Eastern Ontario, Canada)
A6 INSIGHTS INTO BIOSIMILARS AND NON-BIOLOGICAL COMPLEX DRUGS

Organised by the FIP SIG on Biotechnology, the FIP Hospital Pharmacy Section and the FIP Industrial Pharmacy Section

Wednesday 3 September 2014, 09:00 – 12:00
Room GH 203
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe what specific (pharmaceutical) characteristics and knowledge are important to define and understand therapeutic equivalence.
• Demonstrate how to communicate with healthcare professionals (drugs and therapeutics committee, setting therapeutic guidelines) and patients with stress on the importance of interchangeability and substitutability of complex MP.
• Explain the importance of an interprofessional approach for drug evaluations and standards of care in an environment of cost containment in healthcare expenditure.

CHAIRS
Donald Mager (FIP SIG on PK/PD & SP, USA) and Yasuo Takeda (FIP HPS, Japan)

PROGRAMME
1) The development of biosimilars
   Patricia Seymour (BioProcess Technology Consultants Inc., USA)
2) Regulation of biosimilars and non-biological complex drugs
   Igor Linhares de Castro (BiocadBrazil Farmaceutica Ltda, Brazil)
3) Formulary consideration of biosimilars
   James Stevenson (University of Michigan, USA)
4) The emergence of non-biological complex drug
   Stefan Mühlebach (Vifor Pharma Ltd, Switzerland)

B4 IMAGE AND SELF-CONCEPT OF THE PHARMACIST

Organised by the FIP Programme Committee

Wednesday 3 September 2014, 09:00-12:00
Room GH 202
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Explain the image of the profession and describe the professional attitude of pharmacists.
• Explain how the self-concept of pharmacists could be re-built and empowered.
• Describe all perspectives of changes needed in pharmacy profession to nurture self-motivation and self-awareness in everyday practice.
• Explain how the image of the pharmacist influences accessibility of pharmaceutical care and professional authority.
• Explain the role of image in healthcare hierarchy between healthcare professionals.

CHAIR
Arijana Meštrović (Pharma Expert, Croatia)

PROGRAMME
1) Global pharmaceutical policies - Impact on medicine price and responsible use
   John Jackson (Pharmaceutical Society of Australia, Australia)
2) Perceptions of image and self-concept in pharmacists
   Betty Chaar (University of Sydney, Australia)
3) Is there an imperative to change the image and self-concept of pharmacists?
   William Zellmer (Pharmacy Foresight Consulting, USA)
4) Real examples in everyday healthcare practice - how we can be committed and implement the change (physician perspective)
   Heather Armson (Family Medicine Teaching Centre Calgary, Canada)
5) Discussion
   Moderators: Arijana Meštrović (Pharma Expert, Croatia) and William Zellmer (Pharmacy Foresight Consulting, USA)
   a) What is the image of the pharmacist today?
   b) What image of the pharmacist would we like to achieve?
   c) What are the challenges?
   d) What can we do to start the change of the image of pharmacist?
**F7  HISTORY OF PHARMACY**

Organised by the FIP Working Group on the History of Pharmacy

Wednesday 3 September 2014, 09:00-12:00
Room MR 217
Duration 3h

**LEARNING OBJECTIVE**
At the conclusion of this session, participants will be able to:
• Understand the historical development of the profession in different countries.

**CHAIR**
Jacques Gravé (Sauvegarde du Patrimoine Pharmaceutique, France)

**PROGRAMME**
1) Update on the American Institute of the History of Pharmacy
   William Zellmer (Pharmacy Foresight Consulting, USA)

2) Comparison of the dispensing work of pharmacists in different countries
   Yuki Morita (Josai University, Japan)

3) Pharmaceutical patrimony and cinema – a partnership for success of the Portuguese Pharmacy Museum
   Pedro Ferreira (Associação Nacional das Farmácias, Portugal)

4) Comments of the different speakers and listeners about the interest of Pharmacy Museums for current pharmacists

---

**E8 IMPLEMENTING PERFORMANCE-BASED ASSESSMENT METHODS**

Organised by FIP Education Initiatives (FIPEd), the FIP Academic Pharmacy Section, the FIP Education Development Team (EDT) and the FIP Academic Institutional Membership (AIM)

Wednesday 3 September 2014, 09:00-12:00
Room GH 201
Duration 3h

**LEARNING OBJECTIVES**
At the conclusion of this session, participants will be able to:
• Describe performance-based assessments methods to foster continuous improvement.
• Contrast translational applications of these assessments.
• Describe local implementation methodologies opportunities available through collaboration and networks.

**CHAIRS**
Andreia Bruno (FIPEd, Portugal) and Bronwyn Clark (Australian Pharmacy Council, Australia)

**PROGRAMME**
1) PART I EXPERT PANEL
   a. Implementing national professional recognition systems: Developing excellence in the workforce to meet patient needs
      Catherine Duggan (Royal Pharmaceutical Society, United Kingdom)
   b. Evaluating and training foundation years
      Ian Coombes (School of Pharmacy at UQ, Australia)
   c. Workforce intelligence
      Christophe John (United Kingdom)
   d. Q&A

2) PART II ABSTRACTS SUBMITTED
   a. Pharmacy profession and education in the UAE: CPD Pharma.AE Program
      Ola Ghaleb Al Ahdab (United Arab Emirates)
   b. Imbedded experiential programs: Involving pharmacy students in community medicine run medical camps in Chennai, India
      Christine Birnie (USA)
   c. Assessment of global pharmacy practice partnerships
      Ellen Schellhase (USA)
   d. The Brazilian experience in the pharmaceutical services management postgraduate distance course
      Silvana Leite Contesini (Brazil)

3) PART III WORKSHOP ACTIVITY
   a. How can some of these examples be implemented in your country/region?
   b. What would work best?
   c. How to collaborate, learn and adapt from best-practices?
   d. Feedback from the groups

4) Closing remarks
   Ian Bates (FIPEd, United Kingdom)
F14  SHORT ORAL PRESENTATIONS OF THE
FIP COMMUNITY PHARMACY SECTION

Organised by the FIP Community Pharmacy Section

Wednesday 3 September 2014, 09:00-12:00
Room MR 214-215
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe different solutions that have been put in place by pharmacists, pharmacies and organisations to ensure access to medicines, pharmacists, pharmacy services and information.
• List a number of initiatives undertaken by individual pharmacists and/or pharmacy organisations.
• Compare and contrast different national strategies for ensuring access to medicines, pharmacists, pharmacy services and information.

CHAIR
Martin Astbury (FIP CPS, United Kingdom)

PROGRAMME
1) Indian community pharmacist’s role to minimise antibiotic resistance - Mahadev Patel (India)
2) Role of community pharmacy in a pentagonal framework for antibiotic stewardship - Sabiha Essack (South Africa)
3) Evaluation of chemotherapy record to the patient medication notebook by cancer patients and community pharmacists in Japan - Futaba Miyaji (Japan)
4) Developing patient-oriented quality indicators for Swedish community pharmacy practice – a government commission - Tommy Westerlund (Sweden)
5) Pharmacy-driven prescription-to-non-prescription switch to improve consumer access to medicines: a case study from New Zealand - Natalie Gauld (New Zealand)
6) Testing and validating a model of patient perception of the pharmacist's image - Marta Sabater Galindo (Australia)
7) Medication review with a six month follow up (MRF) reduces hospitalisations and emergency department visits in ambulatory aged patients in Spain: conSIGUE Program - Victoria García Cardenas (Spain)
8) The influence of using personal organizer medication record (Organizer PMR) in reducing medication error in chronic disease patients in the community - Indah Yuliawati (Indonesia)
9) Letting pharmacists be pharmacists: increasing community access to contraceptives in Senegal - Leah Hasselback (Senegal)

C5   IMPROVING THE QUALITY OF THE INFORMATION PHARMACISTS PROVIDE TO PATIENTS

Organised by the FIP Pharmacy Information Section and the FIP Industrial Pharmacy Section

Wednesday 3 September 2014, 09:00-12:00
Room MR 220-221
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate an understanding of the legal requirements for medicine information for non-prescription products.
• Demonstrate an understanding of the processes undertaken by pharmaceutical companies in developing and evaluating their written medicine information for non-prescription products.
• Identify the methods used to evaluate the quality of written medicine information.
• Describe the processes which lead to useable and understandable written medicine information documents.

CHAIR
Parisa Aslani (The University of Sydney, Australia)

PROGRAMME
1) Evaluation of industry prepared written medicine information - Stephen Goundrey-Smith (SGS PharmaSolutions, United Kingdom)
2) Industry and self-medication – quality of medicine information between limitations and opportunities - Kerstin Neumann (Johnson & Johnson, Germany)
3) Rescheduling to over-the-counter status – considerations for the supply of information to patients - Natalie Gauld (Pharma Projects, New Zealand)
4) Medicine information seeking behaviour of consumers for OTC medicines - Parisa Aslani (The University of Sydney, Australia)
5) Quality of written medicine information for OTC medicines - Vivien Tong (The University of Sydney, Australia)
**F11 PHARMACY HEALTH POLICY FOR MANAGEMENT IN MILITARY AND EMERGENCY PHARMACY PRACTICE**

Organised by the FIP Military and Emergency Pharmacy Section

Wednesday 3 September 2014, 09:00-12:00
Room MR 224
Duration: 3h

**LEARNING OBJECTIVES**

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

- Compare and contrast drug coverage and provision between military organisations.
- Describe how the EBM process can be used to support policy making decisions.
- List examples of policies that were developed using the EBM process when there was little or no evidence.
- Describe the US DoD three-tier formulary and approval of Pharmacy & Therapeutics Committee recommendations.
- Explain the role of the Beneficiary Advisory Panel.

**CHAIRES**

Sylvain Grenier (FIP MEPS, Canada) and Zheng-yu Chen (FIP MEPS, China)

**PROGRAMME**

1) PANEL DISCUSSION

Questions for panel discussion:

- **a. What?**
  
  What drugs are covered (urgent, chronic, lifestyle, OTC) under what conditions (who can prescribe)?
  
  What is the process to determine inclusion/exclusion of drug in formulary?

- **b. Who?**
  
  Who is covered to receive medicines (active members, reserve, dependants) under what conditions (only while serving, anytime, etc.)?

- **c. Where and when?**
  
  Where are the patients receiving their medications (military facilities/pharmacies, civilian pharmacies, etc.) under what conditions (hours of operations, etc.)?

- **d. How?**
  
  How are medicines reimbursed? (Billed directly to defence, patient pays and get refunded, etc.)

2) PRESENTATIONS FROM SPEAKERS

- **a. Using evidence-based medicine methodology to make policy decision: Not always evident!**
  Sylvain Grenier (FIP MEPS, Canada)

- **b. Department of Defense uniform formulary management: Integrating clinical effectiveness review, pharmacoeconomics, and outcomes research**
  Nita Sood (FIP MEPS, USA)

---

**A7 REGULATORY FACILITATION OF ACCESS TO MEDICINES**

Organised by the FIP SIG on Regulatory Sciences

Wednesday 3 September 2014, 12:15-13:45
Room GH 203
Duration: 1h30

**LEARNING OBJECTIVES**

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

- Describe the power of formulation in improving storage and usage of medicines.
- Explain how regulatory authorities can work together with manufacturers to decrease costs and time leading to product approval without compromising quality.
- Explain the importance of leaflet design in ensuring optimal use of medicines by patients.

**CHAIRES**

Jennifer Dressman (Goethe University, Germany) and Vinod Shah (FIP, USA)

**PROGRAMME**

1) **Designing formulations that can be stored under a wide variety of conditions**

Jennifer Dressman (Goethe University, Germany)

2) **Decreasing regulatory burden on manufacturers - approval of new dosage strengths of existing products**

Vinod Shah (FIP, USA)

3) **Biowaiver for generic products**

Rodrigo Cristofoletti (Anvisa, Brazil)

4) **Use of technology to improve patient access**

David Katerere (Tshwane University of Technology, South Africa)
IS THERE A NEED TO HARMONISE THE TRAINING OF INDUSTRIAL PHARMACISTS?

Organised by the FIP Industrial Pharmacy Section and the FIP Academic Pharmacy Section

Wednesday 3 September 2014, 12:15-13:45
Room GH 201
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Define the skill set of the modern industrial pharmacist and his or her importance to quality medicines.
• Explain the changes necessary to ensure that pharmacy graduates have the skills needed in the industry.
• Understand the evolution of knowledge management the implications for all pharmacists, including those in industry.
• Describe how to adapt according to the level of technology available.

Chair
Didier Mouliom (FIP IPS, Cameroon)

PROGRAMME
1) Key Issue: Introduction
   Anne Juppo (University of Helsinki, Finland)

2) Choice of options in training and specialisation of industrial pharmacists

3) What are the needs of recruiters for industry?
   Stephen Chapman (Keele University, United Kingdom)

SHORT ORAL PRESENTATIONS OF THE FIP SOCIAL AND ADMINISTRATIVE PHARMACY SECTION

Organised by the FIP Social and Administrative Pharmacy Section

Wednesday 3 September 2014, 12:15-13:45
Room MR 214-215
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the variety of current research projects, research methods, new data and emerging in social and administrative pharmacy around the globe.
• Identify the relation between regulatory issues, translation of knowledge and outcomes in pharmacy practice.

Chair
Betty Chaar (The University of Sydney, Australia)

PROGRAMME
1) A population-based cross-sectional analysis of estimated narcotic utilization in twelve Arabic-speaking countries
   Kyle Wilby (Qatar)

2) The provision of pharmaceutical care in Oman: practice and perceived facilitators and barriers to implementation
   Awatif Al Abdullatif (Oman)

3) National Medicines Policy - 5 years after implementation
   Nour Hanah Othman (Malaysia)

4) Awareness of the influence of faith on medication use by patients in training of pharmacists
   Fatima Suleman (South Africa)

5) Empowering pharmacy students of India – Mentoring role of IPA
   Bharath Vikas T (India)

6) Access to safe medicine in Nigeria; roles of Pharmacists Council of Nigeria (PCN)
   Yejide Oseni (Nigeria)

7) Knowledge, attitudes and practices concerning self-medication with antibiotics among university students in western China
   Yu Fang (China)

8) Exploratory study of reasons why pharmacists use an anonymous, telephone-based Pharmacists’ Support Service
   Vivienne Mak (Malaysia)
F17 PRESENTATIONS FROM FIP MEMBER ORGANISATIONS (PART 3)

Organised by the FIP Bureau

Wednesday 3 September 2014, 12:15-13:45
Room MR 220-221
Duration 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify the key challenges and outcomes of the vaccination campaign in Portugal.
• Distinguish how patient data can generate evidence under the lead of pharmacists.
• Advocate the importance of the Charter on the Professionalism.
• Translate the risk management principles into healthcare management.

CHAIR
Philip Schneider (FIP, USA)

PROGRAMME
1) Flu vaccination campaign in Portugal
   Cristina Santos (Associação Nacional das Farmácias, Portugal)

2) Pharmacies in Portugal capturing product and patient data to generate evidence
   Pedro Ferreira (Associação Nacional das Farmácias, Portugal)

3) Charter on the professionalism of the pharmacists
   Dick Tromp (KNMP, The Netherlands)

4) Results of the survey on public’s attitude to pharmacy in Ireland
   Darragh O’Loughlin (Irish Pharmacy Union, Ireland)

A8 CLINICAL CONSEQUENCES OF MEDICINE SHORTAGES

Organised by the FIP Community Pharmacy Section, the FIP SIG on Formulation Development & Pharmaceutical Technology and the FIP Hospital Pharmacy Section

Wednesday 3 September 2014, 14:00-17:00
Room GH 203
Duration 3h

CHAIRS
Paul Sinclair (FIP CPS, Australia) and Giovanni Pauletti (The James L. Winkle College of Pharmacy, USA)

PROGRAMME
1) Risks of HIV/AIDS treatment interruptions
   Andy Gray (University of KwaZulu-Natal, South Africa)

2) Risks of inconsistent supply of anti-tuberculosis drugs
   Lisa Hedman (World Health Organization)

3) Consequences of involuntary dose reductions during shortages - lessons learnt from Fabry patients
   Gabor Linthorst (Academic Medical Centre Amsterdam, The Netherlands)

4) Case study - shortages in the developing market place
   Suchonwanich Netnapis (National Health Security Office, Thailand)
WEDNESDAY

B5  GOOD PHARMACY PRACTICE: IS IT POSSIBLE WITHOUT THE PHARMACIST?
Organised by the FIP Community Pharmacy Section
Wednesday 3 September 2014, 14:00-17:00
Room GH 202
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify the situation and list the reasons behind it.
• Describe the challenges to improve the situation.
• Identify steps to be taken to bring change into the situation.

CHAIR
Manjiri Gharat (FIP CPS, India)

PROGRAMME
1) WHO perspective
Kathleen Holloway (World Health Organization – SEARO)

2) Pharmacies and presence of pharmacists
Country presentations:
   a) India - Raj Vaidya (Indian Pharmaceutical Association, India)
   b) Ghana - Amah Nkansah (Korle-Bu Teaching Hospital, Ghana)
   c) Uruguay - Eduardo Savio (FIP Pharmaceutical Forum of the Americas, Uruguay)
   d) Thailand - Chongmas Nitisingkarin (Community Pharmacy Association, Thailand)

3) How did we try to improve the situation?

4) Panel discussion

5) Q & A

WEDNESDAY

B9  INTERVENTIONS TO PROMOTE ADHERENCE TO THERAPY
Organised by the FIP Pharmacy Information Section and the FIP Community Pharmacy Section
Wednesday 3 September 2014, 14:00-17:00
Room MR 117
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate an understanding of a range of interventions that have been shown to be effective in promoting adherence to therapy.
• Describe the elements of effective interventions.
• Recognise that effective interventions to promote adherence are multi-faceted and require interprofessional collaboration.
• Develop interventions in their own practice to foster adherence to therapy amongst their patients.

CHAIR
Parisa Aslani (FIP PIS, Australia)

PROGRAMME
1) Introduction
Parisa Aslani (The University of Sydney, Australia)

2) Strategies to promote adherence to therapy - the case of diabetes
Parisa Aslani (The University of Sydney, Australia)

3) The US Medicare programme - a strategy to improve adherence to therapy
N Lee Rucker (National Council on Patient Information and Education, USA)

4) Evidence-based strategies to improve adherence to therapy
Michael Holden (National Pharmacy Association, United Kingdom)

5) Strategies to promote adherence to antidepressant medications
Wei Wen Chong (National University of Malaysia UKM, Malaysia)

6) Strategies to promote adherence to therapy - directly observed treatment as an example
Manjiri Gharat (FIP CPS, India)

7) Strategies to promote adherence to therapy - attention deficit hyperactivity disorder
Rana Ahmed (The University of Sydney, Australia)

8) Panel discussion: Strategies to promote adherence to therapy - what do we take home as key messages?
ADVANCING AND DEVELOPING EXPERTISE FOR BETTER PATIENT CARE

Organised by FIP Education Initiatives (FIPEd), the FIP Academic Pharmacy Section, the FIP Education Development Team (EDT) and the FIP Academic Institutional Membership (AIM)

Wednesday 3 September 2014, 14:00-17:00
Room GH 201
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe pathways for professional recognition.
• Discuss and contrast translation applications of tools and resources.
• Outline an active learning list with a competency-based approach.
• Use the updated quality assurance framework for pharmacy education.
• Advocate the importance of developmental tools and resources for practitioner recognition to enhance better patient care.

CHAIRS
Jennifer Marriott (Monash University, Australia) and Toyin Tofade (UMB School of Pharmacy, USA)

PROGRAMME
1) Approaches to professional recognition, credentialing, advancement and development of expertise, country cases:
   b. United Kingdom - Hannah Wilton (Royal Pharmaceutical Society, United Kingdom)
   c. Western Pacific - John Jackson (APHS, Australia)
   d. Global project - Kirstie Galbraith (Monash University, Australia)
2) How to better support the pharmacy workforce? Workshop activity with the audience
   Facilitator: Tina Brock (University of California SF, USA)
3) Developments for foundation years, training models and frameworks, country cases:
   a. Global Competency Framework - overarching examples - Andrea Bruno (FIPEd, Portugal)
   b. Lithuania - Jurate Svarcaite (Lithuania)
   c. Singapore - Vicky Rutter (Clinical Pharmacist and Researcher, Singapore)
4) Launch of the 2014 FIP Quality Assurance Framework for Pharmacy Education, version 2
   a. New pillars of educational quality - Mike Rouse (FIPEd, USA)
   b. How to use the QA Framework - Arijana Mestrovic (FIP, Croatia)
   c. Build your own active learning list for continuing education to achieve advancement and higher level of competence - workshop activity with the audience
5) Closing remarks
   Ian Bates (FIPEd, United Kingdom)
WEDNESDAY

C6 SHORT ORAL PRESENTATIONS ON HEALTH AND MEDICINE INFORMATION

Organised by the FIP Pharmacy Information Section

Wednesday 3 September 2014, 14:00-17:00
Room MR 220-221
Duration 3h

LEARNING OBJECTIVE
At the conclusion of this session, participants will be able to:
• Demonstrate an understanding of the research studies presented on information to consumers and access to information from the perspectives of consumers and healthcare professionals.

CHAIRS
Mariëlle Nieuwhof (FIP PIS, The Netherlands) and Katri-Hameen-Anttila (Finnish Medicines Agency, Finland)

PROGRAMME
1) User testing of Australian and UK over-the-counter pholcodine labels and leaflets - can we produce an improved leaflet?
   Vivien Tong (Australia)

2) Assessment of the role of pharmacist in implementation of National Medicine Policies in South East Asian Region of WHO
   Pradeep Mishra (India)

3) Targeted illustrated patient information improves medicines knowledge in limited literacy tuberculosis patients: a South African randomised controlled trial
   Sonal Patel (South Africa)

4) Improving consumer medicines information through user testing
   Mariëlle Nieuwhof (The Netherlands)

5) Evaluation and comparison of pharmacovigilance systems in 70 different countries for consumer reporting of adverse drug reactions
   Habeeb Ibrahim Abdul Razack (India)

6) Using cloud technology to facilitate medication safety
   Mao-Ting Sheen (China Taiwan)

7) International pharmacovigilance: the potential for improving patient information and safety
   Bruce Hugman (Sweden)

WEDNESDAY

A9 PHARMACOLOGISTICS: GETTING MEDICINES TO PATIENTS IN EMERGENCY SITUATIONS

Organised by the FIP Military & Emergency Pharmacy Section

Wednesday 3 September 2014, 14:00-17:00
Room MR 224
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Define proactive actions to reduce the impact of medicines shortages.
• List reactive measures that can be taken to reduce the impact of medicine shortages.

CHAIRS
Wendy Walker (FIP MEPS, Australia) and Eiko Kobayashi (FIP MEPS, Japan)

PROGRAMME
1) Global pharmaceutical policies - Impact on medicine price and responsible use
   John Jackson (Pharmaceutical Society of Australia, Australia)

2) Governmental disaster response policy for pharmacy and wholesaler practice
   Kimiko Tanizaki (FIP MEPS, Japan)

3) Operational pharmacologistics in the ADF (Australian Defence Force)
   Nicholas Williamson (Royal Australian Air Force, Australia)

4) Use of pharmaceutical inventory management software to improve access to medicines during a disaster - first-hand experience from several scenarios in Pakistan
   D. Bukhari (Pakistan's Pharmacists' Association, Pakistan)
   Trudi Hilton (International Health Partners, Great Britain)

4) Workshop
   Two or three presenters with experience in different disaster responses present their real-life experiences. Discussion will then be opened involving the attendees in coming up with possible solutions to the identified problems. This workshop focuses on how things can be put in place before an emergency occurs to reduce the risk - and what can be done at the time to help manage the situation.
F8 BIOTECHNOLOGY: FUNDAMENTALS OF BIOLOGIC MEDICINES (PART 1)

Organised by the FIP SIG on Biotechnology

Thursday 4 September 2014, 09:00-12:00
Room MR 217
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognise current and upcoming trends in pharmaceutical biotherapeutics.
• Understand some of the interesting challenges and opportunities such classes of compounds present to pharmacists (such as the expense, complexity, and unique properties of biotherapeutics).
• For pharmacists, alter knowledge base and optimise how they perform their professional responsibilities.

CHAIRS
Andy Vick (FIP SIG on BT, USA) and Michael Ward (FIP SIG on BT, Australia)

SPEAKERS
Donald Mager (University at Buffalo, SUNY, USA)
Andy Vick (WIL Research, USA)
Binodh de Silva (Immunochemistry and Biomarker Development, USA)
Mathew Chenan (Hospira Inc., USA)
Michael Ward (University of South Australia, Australia)
PART I

1) An outline of the current domains of practice in FIPEd, together with outcomes achieved and progress
   a. Vision
      Ian Bates (FIPEd, United Kingdom)
   b. Academic capacity
      Claire Anderson (University of Nottingham, United Kingdom)
   c. Competency - advance practice
      Kirstie Galbraith (Monash University, Australia)
   d. Competency - foundation practice
      Andreia Bruno (FIPEd, Portugal)
   e. Interprofessional education
      Jill Boone (University of Cincinnati, USA)
   f. Journal update
      Tim Rennie (University of Namibia, Namibia)
   g. Leadership
      Tina Brock (University of California SF, USA)
   h. Pharmacy support workforce
      Susan James (Ontario College of Pharmacists, Canada)
   i. Quality assurance of education – case study India
      Mike Rouse (ACPE, USA)
   j. Strategic projects
      Andreia Bruno (FIPEd, Portugal)

2) A discussion of the utility and purpose of global leadership in education practice and policy.
   Better training leads to better care: Making this happen
C8 USING IT TO IMPROVE COLLABORATIVE PRACTICE

Organised by the FIP Programme Committee
Thursday 4 September 2014, 09:00-12:00
Room MR 214-215
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
- Outline the views, needs, benefits and barriers related to the use of IT from the perspective of patients, doctors, nurses and pharmacists.
- Demonstrate an understanding of the evidence supporting the use of IT in healthcare.
- Explain the changing role of the pharmacist as a result of the implementation of IT solutions.

CHAIR
Ema Paulino (FIP, Portugal)

PROGRAMME
1) Chain of trusts (EU public health profession): Views of healthcare professionals and patients
   Orajitt Bumrungskulswat (Heart to Heart Foundation, Thailand)

2) Demonstrating the usefulness of data: Meaningful use (USA)
   Rachelle Spiro (Pharmacy e-Health Information Technology – HIT Collaborative, USA)

3) Examples where IT facilitated collaborative practice
   a. IT facilitated collaborative practice on the example of electronic prescribing
      Kristina Sepp (Estonian Pharmacists Association, Estonia)
   b. NetCare: Tele- and video consultation in pharmacies
      Martine Ruggli (PharmaSuisse, Switzerland)

C7 FINDING AND EVALUATING INFORMATION ABOUT COMPLEMENTARY AND ALTERNATIVE MEDICINES

Organised by the FIP Pharmacy Information Section and the FIP SIG on Natural Products
Thursday 4 September 2014, 09:00-12:00
Room MR 220-221
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
- Identify a range of sources of information about herbal and dietary supplements (HDS).
- Demonstrate an understanding of how monographs are populated with HDS information.
- Demonstrate an understanding of the evidence supporting the use of HDS.
- Identify the types of information about HDS sought by consumers.
- Describe how best to provide information on HDS to consumers.

CHAIRS
Parisa Aslani (FIP PIS, Australia) and Michiho Ito (FIP SIG on NP, Japan)

PROGRAMME
1) Role of pharmacists in delivering healthcare with herbals and dietary supplements
   Kim Hamrosi (The University of Sydney, Australia)

2) Barriers and enablers to the provision of complementary medicines by pharmacists
   Vaiyapuri Subramaniam (Department of Veterans Affairs, USA)

3) Communicating traditional medicine approaches and use: evidence-based perspectives for pharmacists
   Yuandong Shen (ISO/TC249, China)

4) Concomitant use of regular drugs and medical herbal products: An unknown risk for patients and a need for more clinical data
   Sander Borgsteede (Health Base Foundation, The Netherlands)

5) What resources are commonly used? Case examples
   Victoria Hall Ramirez (University of Costa Rica, Costa Rica)

6) Use of herbal medicines in the integrated medicine in Asia
   Michiho Ito (FIP SIG on NP, Japan)

7) Standardisation on traditional Chinese medicine in the field of ISO (International Standardization Organization)
   Yuanhong Shen (ISO/TC249, China)
THURSDAY

F13 FROM BASEL TO BANGKOK: SUMMARY OF REVISIONS TO THE BASEL STATEMENTS ON THE FUTURE OF HOSPITAL PHARMACY (PARTS 1 AND 2)

Organised by the FIP Hospital Pharmacy Section
Thursday 4 September 2014, 9:00-12:00 and 14:00 – 17:00
Room MR 224
Breakout rooms sub meetings: GH 202, MR 223, MR 224
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Understand the role of the Basel statements in advancing hospital pharmacy practice worldwide
• Describe the components of the Basel statements, and prioritize those Statements that should be the focus of hospital pharmacy practice development.
• Understand how changes in hospital pharmacy practice are influencing the development of the Basel statements.

CHAIR
Jacqueline Surugue (FIP HPS, France)

PROGRAMME
1) Overview of Basel statements - from Basel to Bangkok
2) Revision process methods
3) Revised overarching statements
4) Revised statements on procurement of medicines
5) Revised statements on pharmacist influence on prescribing of medicines
6) Revised statements on preparation and distribution of medicines
7) Revised statements on administration of medicines
8) Revised statements on monitoring of medication practice
9) Revised statements on human resources and training in hospital pharmacy
10) Summary of revisions of the Basel statements
11) Future plans for supporting the implementation of the Basel statements

THURSDAY

E11 SHORT ORAL PRESENTATIONS FROM THE FIP ACADEMIC PHARMACY SECTION

Organised by the FIP Academic Pharmacy Section
Thursday 4 September 2014, 12:15-13:45
Room GH 201
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe select academic pharmacy contributions from different countries or world regions
• Compare and contrast how these contributions differ from the practices in their institutions and countries.
• Discuss the actual or potential impact of the various contributions on pharmacy education and lifelong learning.

CHAIRS
Wafa Dahdal (American College of Clinical Pharmacy, USA) and Nahoko Kurosawa (Hokkaido Pharmaceutical University, Japan)

PROGRAMME
1) Comparison of educational outcomes in different education methods
   Niina Laine (Finland)
2) Communicate before you medicate: use of OSCE to train pharmacy students in communication skills
   Richard Adome (Uganda)
3) Predicting professionalism of pharmacy students: can values, personality and motivation be useful?
   Gilles Leclerc (Canada)
4) StrengthsFinder signature themes in pharmacy students in five US pharmacy schools
   Gary Yee (USA)
5) The development of professional degree education for clinical pharmacy in China
   Xiaohui Xie (China)
F18 PRESENTATIONS FROM FIP MEMBER ORGANISATIONS (PART 4)

Organised by the FIP Bureau
Thursday, 4 September 2014, 12:15-13:45
Room MR 220-221
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the documentation pharmacists have to follow after a tightened regulation of the sales of over-the-counter (OTC) antibiotics.
• Identify the outcomes of the summit of ambulatory care.

CHAIR
Eeva Teräsalmi (FIP, Finland)

PROGRAMME
1) Tightened regulation of the sales of over-the-counter (OTC) antibiotics by Indian pharmacies
Manjiri Gharat (Indian Pharmaceutical Association, India)

2) Outcomes of the ASHP Ambulatory Care Conference and Summit
Douglas Scheckelhoff (American Society of Health-System Pharmacists, USA)

D7 COMMITMENT TO CHANGE: YOUR DECISION FOR EVERYDAY PRACTICE

Organised by the FIP Programme Committee
Thursday, 4 September 2014, 12:15 – 13:45
Room MR 214-215
Duration: 1h30

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Explain the importance of changes in advancing pharmacy profession.
• Demonstrate the commitment to change as essential part of CPD cycle.
• Produce the take-home messages of the congress.
• Define the self-defined commitments to change for everyday practice and science work.

CHAIRS
Arijana Mestrović (FIP, Croatia) and Mike Rouse (FIPEd, USA)

PROGRAMME
Report from the highlights of the solutions easily implementable to improve patient outcomes (developed during the sessions)
1) Committed to quality – committed to change
Mike Rouse (FIPEd, USA)

2) Reporting the solutions from evaluation forms
Arijana Mestrović (FIP, Croatia)

3) Short reports and key messages from previous sessions

4) Conclusions and wrap up
Mike Rouse (FIPEd, USA)
E12 CREATE A LEADERSHIP VISION AND LEAVE A LEGACY

Organised by the FIP Community Pharmacy Section, the FIP Young Pharmacists’ Group and FIP Education Initiatives

Thursday 4 September 2014, 14:00-17:00
Room GH 201
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Compare and contrast best practices of leadership with other healthcare providers from around the world.
• Define a leadership vision that is applicable to their personal, professional, and organisational practices.
• Articulate the importance of having a strong vision to others, including how it affects pharmacy practices on a local and international level.
• Identify two or three steps to intentionally implement a leadership legacy that affects the pharmacy profession.
• Demonstrate effective communication and influencing others positively.
• Demonstrate problem-solving and improving relations with colleagues.

CHAIRS
Luís Lourenço (FIP CPS, Portugal) and Mariet Eksteen (FIP YPG, South Africa)

This session will be run as a single interactive presentation, with group tasks worked throughout the session.

F8 BIOTECHNOLOGY: FUNDAMENTALS OF BIOLOGIC MEDICINES (PART 2)

Organised by the FIP SIG on Biotechnology

Thursday 4 September 2014, 14:00-17:00
Room MR 217
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify current and upcoming trends in pharmaceutical biotherapeutics.
• Define some of the interesting challenges and opportunities such classes of compounds present to pharmacists (such as the expense, complexity, and unique properties of biotherapeutics).
• For pharmacists, alter knowledge base and optimise how they perform their professional responsibilities.

CHAIRS
Andy Vick (FIP SIG on BI, USA) and Michael Ward (FIP SIG on BT, Australia)

SPEAKERS
Donald Mager (University at Buffalo, SUNY, USA)
Andy Vick (WIL Research, USA)
Binodh de Silva (Immunochemistry and Biomarker Development, USA)
Mathew Cherian (Hospira Inc., USA)
Michael Ward (University of South Australia, Australia)
D8  ASSISTING PHARMACISTS TO IMPROVE OUTCOMES: A TOOLKIT

Organised by the FIP Programme Committee

Thursday 4 September 2014, 14:00-17:00
Room MR 214-215
Duration 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• List metrics that can be used to measure, monitor and manage the impact of pharmacist services in the community setting.
• Describe metrics that can be used to measure, monitor and manage the impact of pharmacist services in the hospital setting.
• Identify the gaps that exist between existing methods of measuring outcomes and those that are needed to better assess the impact of pharmacist services on the use of medicines.
• Describe strategies for promoting more widespread use of outcome metrics among pharmacists in all practice settings around the globe.

CHAIR
Ema Paulino (FIP, Portugal)

PROGRAMME
1) What do we know?
   a. Hospital pharmacists
      Dennis Helling (Kaiser Permanente, University of Colorado, USA)
   b. Community pharmacists
      Martin Schulz (ABDA, Germany)

2) What are the gaps and research priorities?
   Kurt Hersberger (University of Basel, Switzerland)

3) Tools to help achieving better outcomes
   Alison Roberts (Pharmaceutical Society of Australia, Australia)
FIP – RED CROSS CAMPAIGN HEALTHCARE IN DANGER: WORKING IN EMERGENCY SITUATIONS

Organised by the FIP Military & Emergency Pharmacy Section
Tuesday 2 September 2014, 14:00 – 17:00
Room MR 219
Duration: 3h

LEARNING OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the risks pharmacists are exposed to in emergencies.
• Develop strategies for coping with these risks.

CHAIRS
Zheng-Yu Chen (MEPS, China) and Jane Dawson (MEPS, New Zealand)

PROGRAMME
PART 1 (14:00 – 16:00)
Speaker: Bruce Eshaya-Chauvin (International Committee of the Red Cross, Switzerland)
Workshop
This presentation will be followed by a discussion sharing experiences of emergency responders and exploring ideas on how to cope with the effects.

PART 2 (16:00 – 17:00)
1) Development of evidence based medical supply models for disaster relief - Lixin Shu (CPLA, China)
2) Investigation of clinical pharmacy practice in the CPLA - Hua Huo (CPLA, China)
3) Simulation of a disaster: involvement and roles of the pharmaceutical team - Juliette Périchou (France)

OVERVIEW BUSINESS MEETINGS / GENERAL ASSEMBLIES
The Section Business Meetings / General Assemblies are open to all interested participants.

AFRICAN PHARMACEUTICAL FORUM
Monday 1 September 2014, 12:15 – 13:45, Room MR 224

YOUNG PHARMACISTS GROUP (YPG) BUSINESS MEETING
Monday 1 September 2014, 09:00 – 12:00, Room MR 218

Military & Emergency Pharmacy Section
Tuesday 2 September 2014, 12:00 – 13:30, Room MR 219

Social and Administrative Pharmacy Section
Tuesday 2 September 2014, 12:15 – 13:45, Room MR 217

Academic Pharmacy Section
Wednesday 3 September 2014, 12:15 – 13:45, Room MR 218

Hospital Pharmacy Section
Wednesday 3 September 2014, 12:15 – 13:45, Room MR 224

Pharmacy Information Section
Wednesday 3 September 2014, 12:15 – 13:45, Room MR 219

Industrial Pharmacy Section
Thursday 4 September 2014, 12:30 – 13:45, Room MR 217

PHARMABRIDGE

Organised by Pharmabridge
Wednesday 3 September 2014, 12:15 – 13:45
Room MR 217
Duration: 1h30

Pharmabridge aims at strengthening pharmaceutical services in developing and transitional countries through coordinated support from the pharmacy establishment and individual pharmacists in developed countries. The project even goes beyond this: it also aims at creating links among pharmacists worldwide and is supported by the International Pharmaceutical Federation, its Board of Pharmaceutical Practice (BPP) and the Commonwealth Pharmaceutical Association (CPA).

All those interested in the project, be they from developing or developed countries wanting to establish contacts with colleagues from other countries (or even a specific country) are invited to attend this meeting.

People with books, DVD’s etc. to offer can bring them to the meeting and hand them over to colleagues from less affluent countries.
To view the full text, please download the accessible PDF file of this document.
BADGES
Participants will be handed their name badges at the Registration Desk. Due to tight security regulations all participants and accompanying persons must wear their badges throughout the Congress.

Only participants with white badges, including a barcode, will be admitted to the sessions. Please note that your badge will be scanned at the entrance and exit of each session. This information will only be used for accreditation and evaluation purposes.

BREAKS
The coffee breaks during the sessions will be between 10:00 and 11:00 in the morning and between 15:00 and 16:00 in the afternoon in the Exhibition Hall. Between the sessions there will be a lunch break from 12:00 to 14:00.

DRESS
Informal dress is acceptable for all sessions but business attire is recommended for the opening ceremony.

LIABILITY / DISCLAIMER
It is strongly recommended that participants obtain adequate cover for travel, health and accident insurance before they depart from their countries. The FIP Organising Committee, the Thai Host Committee, FIP Headquarters, MCI Amsterdam and Oriental Events claim no liability for the act of any supplier to this congress, nor liability for: personal injury, the safety of any attendee while in transit to or from this event, for any loss or damage, for delays in transport by air, sea, rail, road, weather, in case of strikes, sickness, war or other causes.

MEDIA ROOM
(Room MR 210)
The congress Media Room will offer a number of services, strictly limited for official press representatives and professional journalists. They will have access to written press material (press releases, speakers’ presentations, etc.) and to working facilities as well as a chance to socialise with their colleagues. There will also be a series of media briefings highlighting prominent topics.
Press accreditation and press registration are required to have access to the Media Room.

NO SMOKING
Please note that all FIP congresses are tobacco-free. Smoking is NOT allowed anywhere, not in the session rooms, not in the exhibition area, not in the poster sessions and not in the registration area.

FILMING, RECORDING AND PHOTOGRAPHY
PRODUCTION POLICY
Copyright of the FIP congress is owned by FIP - the International Pharmaceutical Federation. FIP reserves the rights to all recordings, reproductions or presentations at this Congress. As a result, any photographing, filming, taping, recording or reproduction in any medium including the use of tripod-based equipment of any of the programmes, exhibits and/or posters presented at the FIP Congress without the express written consent of FIP is strictly forbidden. FIP reserves the right to prohibit any photographing, filming, recording at its own discretion.

FOLLOW FIP
As a global leader in representing over three million pharmacists and pharmaceutical scientists, FIP is now able to connect all their members and individuals together via FIP’s social media networks. Please follow us with interesting developments and discussions in the field of pharmacy on Facebook, Twitter and LinkedIn. That is not all, with our newly developed FIP 2014 app, available for Apple, Android and Windows mobile you can stay up to date during the congress and before with news and announcements as well as the events on the congress and personalise your day to day congress experience.

Facebook:
Twitter:
LinkedIn:
Our App is for Free and for all phones, please visit your app store for the FIP Bangkok 2014 App
PARTICIPANTS LIST

AFGHANISTAN
Zakirullah Azizi
Abdul Khalil Khalakad
Haji Mohammad Naimi
Number of participants from Afghanistan: 3

ALBANIA
Melisa Trosmani
Number of participants from Albania: 3

ARGENTINA
Jorge Martinez
Raul Eduardo Mascaro
Marcela Rousseau
Number of participants from Argentina: 3

AUSTRALIA
Rana Ahmed
Farouq Amin
Bill Arnold
Parisa Aslani
Daila Bajis
John Bell
Arcello Benetoli
Shalom (Charlie) Benrimoj
Suzanne Caliph
Betty Chaar
Suzanne Kiras
Ian Larson

John Low
Jennifer Marriott
Ross McKinnon
Andrew McLachlan
Rebekah Mole
Joanna Moulin
Joseph Nicolazzo
Syed Haris Omar
Amy Page
Jonathan Penm
Susan Poole
Iqbal Ramzan
Alison Roberts
Andrew “Robbo” Roberts
Marta Sabater Galindo
Daniel Sabater Hernandez
Lloyd Sansom
Carl Schneider
Sarah Sinclair
Paul Sinclair
Porchankov Srimongkon
George Tambaissou
Edwin Tan
Vivien Tong
Julie Tran
Richard Upton
Adam Walczak
Wendy Walker
Michael Ward
John Ware
Lynn Weekes
Number of participants from Australia: 68

AUSTRIA
Raimund Podroschko
Leopold Schmuidermaier
Norbert Valeyca
Number of participants from Austria: 3

BANGLADESH
S.M. Tuhin
Number of participants from Bangladesh: 1

CAMEROON
Vanny You
Number of participants from Cameroon: 1

BELGIUM
Alain Bya
John Chave
Jan Deporter
Sini Eskova
Tom Henkens
Simone Leuckx
Joris Maeschalck
David Preece
Charles Ronlez
Romain Van Hautekerke

Jamie Wilkinson
Number of participants from Belgium: 11

BOSNIA AND HERZEGOVINA
Bela Anzovic
Nedim Mrelo
Dijana Injac
Dijurdica Kopanja
Bela Mahrarovic Brkanic
Alma Paprinak
Vesna Vukovic
Davorka Zavrasnik
Mirjana Zornic Spahic
Number of participants from Bosnia and Herzegovina: 9

BRAZIL
Laercio Batista Junior
Rodrigo Cristofoletti
Walter Da Silva Jorge Joao
Raquel Grechi
Silvana Leite Contezei
Priscila Nogueira Camacho Dejuste
Teresinha De Jesus Pinto
Barbara Scoralick Villela
Number of participants from Brazil: 8

BULGARIA
Svetla Georgieva
Galba Kondeva Mankova
Gergana Raykova
Kalina Staneva
Tsvetlanka Valchanova
Number of participants from Bulgaria: 5

CAMBODIA
Vanny You
Number of participants from Cambodia: 1

CAMEROON
Didier Moulim Ngambe
Number of participants from Cameroon: 1

CANADA
Mohamed Abdel-Fattah
Heather Arnson
Sandra Carey
Mai Duong
Yves Garigpy
Sylvain Grenier
Sherif Guorui
David Hill

Wayne Hindmarsh
Susan James
Gilles Leclerc
Warren Meek
Marshall Molese
Nardine Nahla
Remi Ojo
Sherry Peister
Chantal Pharand
Robert Sindeal
Régis Vaillancourt
Karen Wolfe
Number of participants from Canada: 20

CHINA
Zhenggu Chen
Bing Chen
Xueilang Dang
Jinhua He
Hua Hua
Guilan Jin
Lianli Kan
Li Li
Hong Li
Wanzhi Li
Guangyong Lin
Xiaohua Liu
Feng Lu
Junfeng Mao
Kai Feng Qiu
Guowei Yang
Yuandong Shen
Li Xin Shu
Wu Sun
Weimin Sun
Kuifeng Wang
Xiaoliang Wang
Aiguo Wang
Chong Wang
Chunkai Wang
Xiaojian Wang
Longlei Wo
Jiqing Wu
Xiaohui Xie
Xiaoting Wu
Yan Xu
Junfeng Yan
Ying Ying
Yingtong Zheng
Lili Zhang
Xiaomei Zhang
Pengfei Zhang
Ziye Zhang
Yan Zhang
Ping Zhao
Chunjing Zhao
Number of participants from China: 41

CHINA TAIWAN
Yi-Tung Chang
Shiu-Ching Chen
Pei-Liang Chen
Su-Sie Cheng
Ching-Ling Cheng
Yih-Oh Cheng
Hsu Chia Wen
Yi-Ling Chiu
Yu-Hsiang Chuang
Chen Chuan-Hui
Shin Tarng Deng
Shu-Chuan Hsu
Chi-Chien Hsu
Chingyi Hsu
Susan Hu
Oliver Hu
Fen-Ming Huang
Yunting Huang
Fu-Sheng Hung
Lo Kuang-Ting
Shu-Chen Lai
Fangchen Lee
Pi-Yao Lee
Chien-Ying Lee
I-Hsuan Lee
Eric Lee
Jih-Heng Li
Chien-Huang Lin
Wen-Shyang Liu
Jen-Wei Liu
Ying-Chuan Lu
Ying-Chen Lu
Li-Ting Peng
Chen Shu-Mei
Chen Shu-Ki
Shun-Lien Sung
Chen Su-Yu
Fu-Hsüang Tsai
Yen-Fu Tsai
Hsiang-Yi Tseng
Jen-Chieh Wang
Yen-Ting Wang
Chen-Yung Wang
Chen-Yung Wang
Ai-Chen Yang
Jen-Chieh Wang
Yen-Ting Wang
Hsiang-Yi Tseng
Jen-Chieh Wang
Yen-Ting Wang
Chen-Yung Wang
Chen-Yung Wang
Ai-Chen Yang
Toney Yen-Huei Tarn
Lee Yeh-Yuan
Wan Nan Yu
Number of participants from China Taiwan: 47

COLOMBIA
Yenhst Cuellar Saenz
Daniela Daza Paz
Number of participants from Colombia: 2

COSTA RICA
Victoria Hall Ramirez
Number of participants from Costa Rica: 1

CROATIA
Arijana Meštrović
Number of participants from Croatia: 1

CUNAÇAO
Deryck Levens
Anne-Marie Tijn-A-Tsoi
Number of participants from Curaçao: 2

CYPRUS
Rumeysa Demirdamar
Number of participants from Cyprus: 1

CZECH REPUBLIC
Lubomir Chudoba
Katerina Ladova
Alena Pet. Iková
Iva Prokopova
Vilma Vranova
Number of participants from Czech Republic: 5

DENMARK
Janne Albertsen
Ali Shaker Radha Al-Hussainy
Ibtihaj Mogalli
Aslan Asghari
Gitte Baek
Rigmor Broholm
Lillian Bygræ
Bodil Christensen
Tove Drijkier
Christina Durinc
Lise Ebberolst
Puk Egekistv
Lars Elsbey
Lone Ernst
Ralf Ernst
Shafiq Farsad
Marie Fug
Charlotte Fogh Bugtrup
Lotte Fonnesbæk
Britt Frederiksen
Bente Frækjær
Kirsten Hansen
Tina Hansen
Torben Hauge
Gyrihe Heggaard
Lone Borup Herreholm
Christina Hoffmann Hyldig
Rudi Hulgaard
Lene Huirup Kristoffersen
Michelle Ingvorsen
Helie Jacobsgaard
Sanne Johansen
Kasper Jørgensen
Malbrit Just
Heidi Juul

Costa Rica: 1
Lars Kaarill
Anne Kahns
Jette Kirkegaard
Anne-Marie Kissmeyer
Camilla Kjeldal
Beata Klaper
Lene Skov Knudsen
Vural Kocak
Anders Kretzschmar
Grete K. Kristensen
Niels Kristensen
Inge Kristoffersen
Anne-Katrine Kviesgaard
Camilla Lahleiter
Zarina Lauritzen
Camilla Lindeblad
Rikke Lundal Nielsen
Karsten Lund-Pedersen
Claude Lützen
Siva Prasada Reddy Maddirala
Venkata
Lone Maersk Deleuran
Steen Mejlgaard
Erik Meldgaard Andersen
Louise Munk Rasmussen
Lise Nielsen
Steen Nielsen
Maiken Nilsson
Jesper Nordskjold
Mohammed Etman
EGYPT
Samad Azab
Nouran El Said
Mohammed Etman
Nahlä Kandil
Salah Koraïem
Asmaa Mandour
Osama Salama
Number of participants from Egypt: 7

ESTONIA
Anna Dolgova
Piret Illo
Ilvi Ilves
Merillon Israel
Siri Jürgenson
Irei Kaido
Margarita Kanut
Liis Kruus
Andrei Lamsters
Maia Leede
Galina Litvinovitš
Lea Mikkelsaar
Kai Muru
Reelika Must
Signe Ojajäär
Liina Pääru
Mari Reiman
Kristiina Sepp
Ester Simon
Mariika Sinimeri
Rita Songissepp
Lora Sulg
Trine Talve
Reet Toom
Aleksandra Trahhatšova
Külli Träss
Tiivi Vaha
Luule Väits
Katrin Vöro
Sirje Vösu
Number of participants from Estonia: 30

FAERO ISLANDS
Ólaf Bríem
Hjalti Gunnarstein
Jonna Hansen
Elisabeth Jøensen-Næs
Number of participants from Faroe Islands: 4

FIJI
Alvick Maharaj
Arnold Ram
Number of participants from Fiji: 2

FINLAND
Ritja Andersin
Ulla Finne
Heli Haaponiemi
Katrin Hämeen-Anttila
Leena Holm
Anne Juppo
Reijo Kärkkäinen
Kirsti Kvarnström
Nina Laine
Seppo Lapinjoki
Riina Law
Sajia Leikola
Mika Leppinenvaara
Antti Mäntylä
Minna Mattikainen
Ulla Mänttäri
Sirpa Peura
Heikki Peura
Marja Ritala
Johanna Sallikäki
Joonas Salo
Jorma Sipila
Eeva Terasalmi
Number of participants from Finland: 23

FRANCE
Isabelle Adenot
Philippe Arnaud
Marie Joséè Augé-Caumon
Jean-Luc Benhaim
Franck Blandamour
Alain Breckler
Serge Cailler
Henk De Jong
Alain Delguette
Xavier Desmas
Robert Desmoulins
Patrick Fortuit
Patricia Fourquet
Elis Garzón
Jacques Grave
Gassane Hodroge
Hélène Leblanc
Philippe Liebermann
Christine Linget
Sylviane Merlo
Stéphane Pichon
Bernard Poggia
Jean-François Poulin
Françoise Radier
Jean-Charles Rochard
Anna Sarfati
Jacqueline Surugue
Badr Eddine Tehnani
Antti Terrier
Carine Wolf
Number of participants from France: 30

GEORGIA
Roman Makharadze
Tamaz Tchumburidze
Number of participants from Georgia: 2

GERMANY
Annika Dax
Karsten Diers
Theo Dingermann
Jennifer Dressmann
Metin Ergül
Roberto Frontini
Jens Gobrecht
Karim Graf
Linda Kakes
Klaus Hambrecht
Arne Krappitz
Anna Laven
Solveig Nasert
Kerstin Neumann
Constanze Remi
Marion Schaefer
Friedemann Schmidt
Martin Schulz
Sven Stegemann
Dieter Steinbach
Anne Thümer
Heinz Günter Wolf
Number of participants from Germany: 22

GHANA
Harrison Kofi Abutiale
Franklin Achampong
Yaw Afrani
Owen Agbodo
Abdul Razak Al-Abdneger-Issifu
Edward Amporful
David Anim-Addo
Fidelis Ansel
Dennis Awitty
Jeyaprakash Arasu
Olivia Boateng
Timothy Bernasko
Elizabeth Bruce
Stephen Corquey
Alexander Dodo
Charles Dorkou
Mahama Dziewa
Godwin Gulbi
James Kyeyi
Frempongaa Nelson
Florence Amah Nkanah
Archibald Partey
Patience Tsegah
Number of participants from Ghana: 23

GREECE
Mobolanele Abiola Adekoya
Paschalia Soulidou
Number of participants from Greece: 2

HONG KONG SAR CHINA
Laurent Levan
Number of participants from Hong Kong SAR China: 1

HUNGARY
Ilidkó Csóka
Hyelni Malgvi
Antal Samu
Number of participants from Hungary: 3

INDIA
Amit Alexander
Roopa Basutkar
Suresh Bhojraj
Vishwanath Boguda
Mary Borusgadda
Shilpee Chaudhary
Varun Dasari
Swapnil Dangale
Giles Devasaahayam
Raviraj Devkar
M. D Dhananjay
Manjiri Gharat
Ganesh Gnik
Divakar Goli
Rahul Janota
Prateek Jain
Ashish Jain
Forum Jalundhwala
Surendra Kaushik
Dhinesh Kumar
Subhash Mandal
Deepak Mishra
Jeyaprakash Arasu
Celina Nazareth
Prateek Pandey
Shradha Pandey
Mahadev Patil
Rajesh Radhakrishnan
Kalirajan Rajagopal
Praval Sheth
Santhi Surapaneni
Ashit Singye
Varun Tallia
Adinarayana Tanniru
Kaushik Thanki
Narayana TV
Nayanabhirama Udupa
Raj Vaidya
Prabhakar Reddy Veerareddy
Surender Verma
Bharath Viktor
Samithareddy Viragamreddy
Number of participants from India: 45

INDONESIA
Lisa Aditama
Nurul Fattah Eddy Parinari
Irene Febriani
Lili Fitriani
Muhammad Khairuman
Pratomo Mohammad Dani
Ridho Mulyono
Rina Mutiarini
Noffan Noffendi
Dyah Perwitasari
Prima Raharjo
Sahel Rustandi
Yulia Tresana
Indah Yuliawati
Number of participants from Indonesia: 14

IRAN
Vahie Akbari
Fatemeh Hendiajani
Number of participants from Iran: 2

IRAQ
Haydar Al-Tukmaci
Abdul Wahid Aram
Abdul Waleed Bseehah
Manal Younus
Number of participants from Iraq: 4

IRELAND
Róisín Cunniffe
Paula Decla
Paul Fahey
Josephine Fukura
Mark Gellert
Candida Halton
Martin Hemman
Gudrun Hubinger
Pamela Logan
Kathy Mahon
Leonora O’Brien
Darragh O’Loughlin
Kelly Park
Patricia Pascal
Charles Pollack
David Searle
John Walters
Number of participants from Ireland: 37

ISRAEL
David Gabbay
Howard Rice
Hesth Shálnik
Elia Touitou
Number of participants from Israel: 4

JAPAN
Number of participants from Japan: 8

KOREA
Number of participants from Korea: 2

MALAYSIA
Number of participants from Malaysia: 3

MEXICO
Number of participants from Mexico: 2

MOROCCO
Number of participants from Morocco: 2

NORWAY
Number of participants from Norway: 1

PAKISTAN
Number of participants from Pakistan: 1

PHILIPPINES
Number of participants from Philippines: 1

PORTUGAL
Number of participants from Portugal: 1

QATAR
Number of participants from Qatar: 1

ROMANIA
Number of participants from Romania: 1

SOUTH AFRICA
Number of participants from South Africa: 1

SOUTH KOREA
Number of participants from South Korea: 1

SUDAN
Number of participants from Sudan: 1

SWEDEN
Number of participants from Sweden: 1

SWITZERLAND
Number of participants from Switzerland: 1

THAILAND
Number of participants from Thailand: 1

TURKEY
Number of participants from Turkey: 1

UNITED ARAB EMIRATES
Number of participants from United Arab Emirates: 1

UNITED KINGDOM
Number of participants from United Kingdom: 1

UNITED STATES
Number of participants from United States: 1

UNITED NATIONS
Number of participants from United Nations: 1

UZBEKISTAN
Number of participants from Uzbekistan: 1

VENEZUELA
Number of participants from Venezuela: 1

VIETNAM
Number of participants from Vietnam: 1

WALIQUI
Number of participants from Waliqui: 1

WORLD
Number of participants from World: 1

ZAMBIA
Number of participants from Zambia: 1

ZIMBABWE
Number of participants from Zimbabwe: 1
TURKEY
Hasan Akbaba
Erdogan Colak
Gülşah Erel
Ulgur Karagöz
Harun Kuzilay
Mustafa Kötmaci (Kotmakchiev)
Asuman Yekta Ozer
Yalçın Ozkan
Murat Soyseven
Arman Uney
Akgül Yesilada
Number of participants from Turkey: 11

UNITED ARAB EMIRATES
Said Abdullah Said Albedaa
Ola Ghaele Al Ahdab
Soahil Fitieh
Khalfan Said Khamis Al Mazroui
Number of participants from United Arab Emirates: 4

UNITED KINGDOM
Steve Acres
Maria Allinson
Dalia Almaghaslah
Claire Anderson
Naoko Arakawa
Jennifer Archer
Richard Ashworth
Martin Astbury
Lina Bader
Ian Bates
Diane Blunden
Alice Burridge
John Cahill
Tearsapor Chanakit
Stephen Chapman
Scott Dalglish
James Davies
Antony D’Emanuele
Andrew Dickman
Ina Donat
Catherine Duggan
Pitupa Ektaku
Gordon Geddes
Helen Gordon
Stephen Goundrey-Smith
Trudi Hilton
Michael Holden
Christopher John
Dai John
Gareth Jones
Jacqui Kinsey
Benedict Law
Jayne Lawrence
Yuvarendr Lauangwichajaroen
Sarah Marshall
Neal Maskrey
Lindsay McClure
Kamal Midha
Sudaxshina Murdan
Brendan Murray
Rajesh Patel
Wendy Penny
Theo Raynor
Adrian Shephard
Ian Strachan
Kp Tsang
Geoffrey Tucker
Arit Udoh
Carwen Wynne Howells
Rowan Yemm
Number of participants from United Kingdom: 50

UNITED STATES
Ivo Abraham
Paul Abramowitz
Mohammad Abusyed
Tammy Allen
Ralph Altieri
Lowell Anderson
Michael Anisfeld
Frank Ascione
Christine Birnie
Jill Boone-Martin
Tina Brock
Lawrence Brown
Lauren Camp
Carmen Catizone
Mathew Cherian
Sherwanna Clarke
Joel Claycomb
Megan Coder
Terry Conroy
Michael Coughlin
Wafa Dahdal
Robert Dechristoforo
Binodh Desilva
Debra Devereaux
Fred Deloresco
Andrew Donnelly
Evan Doyle
Wendy Duncan
Sharon Durfee
Stephen Eckel
Janet Engle
Roswell Evans
Rafael Fellippi
Kerry Fierke
Douglas Fish
Ryan Forrey
Tom Gaylord
Eddy Hack
Stuart Haines
Seena Haines
Alan Hanson
Abraham Hartzena
Dennis Helling
Kathleen Holloway
Kyle Hultgren
Marilianne Ivey
Brenda Jensen
Mike Johnston
Christene Jolowsky
Lauren Jonkman
Yaman Kaakeh
Michael Katz
Vinai Khilnani
Roger Lander
Alan Lau
Nancy Lee Rucker
Donald Leandrie
Eugene Lutz
Linda Maclean
Michael Maddux
Donald Mager
Lucinda Maine
Jodie Malhotra
Henri Manasse
Everett Mcalister
Thomas Menighan
Gloria Meredith
Cody Midlam
Majid Moridani
Marilyn Morris
Stephen Mullienix
Mrudula Naidu
Ikechukwu Onyechi
Yerkublan Orazbekov
Matthew Osterhaus
Alice Pau
Giovanni Pautelli
Debbie Pestka
Souly Phanouong
Sharon Pichon
Ronald Piyavincenzi
Rafia Rasu
Magaly Rodriguez De Bittner
Sirikan Rojanasarot
Mike Rouse
N. Lee Rucker
Karen Ryle
Amanda Ryle
Kenneth Schafermeyer
Douglas Scheskelhoff
Ellen Schellhase
Philip Schneider
Marike Schoen
James Scott
Vinod Shah
Jery Siegel
Eddie Smith
Gary Smith
Jenelle Sobotka
Denise Soliz
Nita Sood
Rachelle Spiro
Rebecca St. Germaine
David Stebb
Stephan Stefano
James Stevenson
Vaiyapuri Subramaniam
Toyni Tofade
Jenny Van Amburgh
Lee Vermeulen
Andrew Vick
Peter Vlasses
Lynda Welage
Albert Wertheimer
Michael Wincor
Gary Yee
William Zeilmer
Number of participants from United States: 117

URUGUAY
Nora Beatriz Gerpe Martinez
Carlos Lacava
Cecilia Maldonado
Virginia Olmos
Ana Silva Perez Rocha
Eduardo Savio
Number of participants from Uruguay: 6

UZBEKISTAN
Gulnora Tillaeva
Number of participants from Uzbekistan: 1

ZIMBABWE
Jocelyn Chibva
Ruth Chapereka
Tsitsi Monera
Dumisinkosi Moyo
Patricia Chenayi Nyandoro
Peter Rollason
Number of participants from Zimbabwe: 6
Join leading pharmaceutical scientists from around the world to discuss cutting-edge research and up-and-coming developments at the Pharmaceutical Sciences World Congress 2017 in Stockholm, Sweden.

The 2017 PSWC in Stockholm is all about networking between scientists, regulators, practitioners and others, allowing for cross-fertilisation between scientists and professionals from the world’s continents. Pharmaceutical scientists from all around the world will discuss topics related to medicines discovery, design, development and usage with the beautiful city of Stockholm as a backdrop.
YES  NO