

Congress Programme



DÜSSELDORF 2015
FIP WORLD CONGRESS
29 September - 3 October



FIP World Congress
of Pharmacy
and Pharmaceutical
Sciences 2015

Better practice –
Science based,
evidence driven



75th International Congress of FIP

29 September -
3 October 2015
Düsseldorf,
Germany

 #FIPcongress



HERZLICH WILKOMMEN IN DÜSSELDORF!



Dear colleagues and friends,

The 2015 FIP congress in Düsseldorf, Germany, welcomes practitioners, researchers and academics from all over the world to delve into the issue of working towards the best possible pharmacy practice, which should be based on pharmaceutical sciences and has to be evidence driven.

Here in Düsseldorf you will feel at home. The welcoming Rhineland atmosphere, lifestyle and internationality: with these characteristics Düsseldorf attracts around four million overnight guests a year.

As you have experienced now, Düsseldorf is easily accessible, and it is known as the "10 minute city": a modern bus and rail network ensures quick and easy transport within the city.

You will discover that the Rhineland mentality sees every guest as a temporary Düsseldorfer – you are warmly welcomed with the city's typical brewery culture and regional cuisine and by friendly and hospitable Rhinelanders.

So, on behalf of FIP and ABDA: Welcome to Düsseldorf! Pharmacists from Germany look forward to meeting their counterparts from around the world right here at the FIP Congress, and we trust that all of you will leave richer in knowledge, experiences, colleagues and friendships!

Mit freundlichen Grüßen,



Carmen Peña
President FIP
International Pharmaceutical Federation



Friedemann Schmidt
President ABDA
Federal Union of German Associations of Pharmacists



YOUR HOSTS



International Pharmaceutical
Federation (FIP)



Federal Union of German
Associations of Pharmacists (ABDA)

VENUE



Congress Center Düsseldorf
Stockumer Kirchstraße 61
40474 Düsseldorf
Germany
www.ccd.de/en

STATIONS:
Bus 722
Underground line U78
Underground line U79

YOUR HOSTS

INTERNATIONAL PHARMACEUTICAL FEDERATION (FIP)

Carmen Peña
President
Michel Buchmann
Immediate Past President
Luc Besançon
General Secretary & Chief Executive Officer
Ema Paulino
Professional Secretary
Henk de Jong
Scientific Secretary
Dominique Jordan
Chairman, Board of Pharmaceutical Practice
Geoffrey Tucker
Chairman, Board of Pharmaceutical Sciences
Isabelle Adenot
Vice President
Thony Björk
Vice President
Andrew Gray
Vice President
Ross McKinnon
Vice President
Giovanni Pauletti
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Eduardo Savio
Vice President
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Vice President
Eeva Teräsalmi
Vice President
Nobuo Yamamoto
Vice President
Kamal Midha
Honorary President
Dieter Steinbach
Honorary President
Joseph Oddis
Honorary President

FIP PROGRAMME COMMITTEE

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Co-Chair
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FIP Scientific Secretary
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Ralph Altieri
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Member
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Member
Ross McKinnon
Member
Hiroshi Suzuki
Member
Zuzana Kusynová
FIP Staff, Policy Analyst & Project Coordinator
Paula Cohen
FIP Staff, Secretary

THE FEDERAL UNION OF GERMAN ASSOCIATIONS OF PHARMACISTS (ABDA)

is the co-host for FIP Düsseldorf 2015, in partnership with a wide range of pharmacy organisations in Germany, and representative of all sectors of German pharmacy.

Friedemann Schmidt
President of ABDA & Chair of the Local Host Committee
Martin Schulz
Vice-Chair of the Local Host Committee
Ralf Denda
Member
Lutz Engelen
Member

Metin Ergül
Member
Jens Gobrecht
Member
Karin Graf
Member
Nina Griese-Mammen
Member
Reinhard Hoferichter
Member
Torsten Hoppe-Tichy
Member
Ulrich Jaehde
Member
Peter Kleinebudde
Member
Arne Krappitz
Member
Klaus Peterseim
Member
Dieter Steinbach
Member
Dieter Steinhilber
Member
Heinz-Günter Wolf
Member

FIP OFFICE STAFF

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FIP General Secretary & Chief Executive Officer
Andreia Bruno
FIP*Ed* Project Coordinator & Researcher
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Chief Operating Officer & Congress Director
Oliver van der Spek
Marketing & Business Development Manager
Rachel van Kesteren
Executive Secretary
Lin-Nam Wang
Communication Manager

CONGRESS INFORMATION FIP Congresses & Conferences

Andries Bickerweg 5
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The Netherlands
Office opening hours: Monday to Friday 09:00 –17:00 CET
Tel: +31 70 3021982
Fax: +31 70 3021998
E-mail: congress@fip.org
Website: www.congress.pharmacy

CONGRESS REGISTRATION, HOUSING & ABSTRACT HANDLING

MCI Amsterdam
Jan van Goyenkade 11
1075 HP Amsterdam
The Netherlands
Office opening hours: Monday to Friday 09:00 –17:00 CET
Tel: +31 20 6793411
Fax: +31 20 6737306
E-mail: FIP@mci-group.com

OFFICIAL CARRIER



Lufthansa Group Partner Airlines is the official carrier for this congress, offering a comprehensive global route network linking major cities around the world, with special prices and conditions to participants, visitors, exhibitors and invited guests of FIP and their travel companions. Event code: **NLZEITO**

FIP GRATEFULLY ACKNOWLEDGES THE SUPPORT OF:



PUBLIC TRANSPORT TO THE CONGRESS CENTER DÜSSELDORF

From the main station to the stop Ost / Stockumer Kirchstraße:
• Underground line U78 direction Duisburg Meiderich Bf or
• Underground line U79 direction D - LTU arena / Messe Nord

From there you can walk via the Stockumer Kirchstraße, to the CCD (Congress Center Düsseldorf), or take the 722 bus to the last stop CCD Süd/Stadthalle.

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REGISTRATION

REGISTRATION FEES FIP 2015 (including 19 % VAT)	On site	
	excl. VAT	incl. VAT
FIP Individual member	€ 1.000,00	€ 1.190,00
Regular fee (non member)	€ 1.000,00	€ 1.190,00
Student/Recent graduate	€ 1.000,00	€ 1.190,00
Pharmacy Technicians Symposium (in addition to full congress registration)	€ 300,00	€ 357,00
Pharmacy Technicians Symposium (only)	€ 450,00	€ 535,50
On site day card	€ 300,00	€ 357,00
Accompanying person	€ 150,00	€ 178,50
Section Dinner	€ 55,00	€ 65,45
Closing Dinner	€ 80,00	€ 95,20
Fun Run	€ 10,00	n.a.
Young Pharmacists' Night	€ 35,00	€ 41,85

REGISTRATION DESK

The registration desk at the Congress Center Düsseldorf will be open:

- **Monday 28 September to Friday 2 October 2015** from 08:00 – 18:00
- **Saturday 3 October 2015** from 08:30 – 14:30

PAYMENT OF REGISTRATION FEE

All fees must be paid by credit card (Visa, Mastercard or American Express), or in cash in Euro.

The registration fee for participants includes:

- Admission to all sessions
- Opening Ceremony
- Welcome Reception
- Entrance to **expopharm** (exhibition)

- Coffee/tea breaks
- Daily lunch box from 30 September until 3 October 2015 (distributed in the Wintergarden)
- Access to all submitted abstracts and biographies at www.fip.org/abstracts
- Congress bag with programme/list of participants (name and country of participants registered and paid by 15 August 2015)
- Access to a website where you can download the presentation slides (available as of 1 November 2015; all participants will receive an email notification).

The registration fee for accompanying persons includes:

- Opening Ceremony
- Welcome Reception
- Entrance to **expopharm** (exhibition)



- Coffee/tea breaks
 - Daily lunch box from 30 September until 3 October 2015 (distributed in the Wintergarden)
- Please note that the fee for accompanying persons does NOT include admission to the sessions.

TERMS OF CANCELLATION

- **As of 1 September 2015**, 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 collect it at the congress registration desk **as of Thursday 1 October 2015**. Certificates will not be

sent after the congress. Accompanying persons will not receive a Certificate of Attendance. A confirmation of session attendance (listing the sessions you attended during the congress) is offered to congress participants **after the congress**, for accreditation purposes only. For a list of countries where the FIP Congress is accredited and instructions how to receive this confirmation, please see page 14/15.

ABSTRACT CERTIFICATE

If you would like to receive a Certificate for Oral or Poster presentation, please make sure to collect it at the congress registration desk **as of Thursday 1 October 2015**. Certificates will not be sent after the congress.

HOW TO RECLAIM INPUT VAT CHARGED FOR REGISTRATION FOR THE CONGRESS

Dear Pharmacist,

Thank you for registering for the 75th FIP World Congress of Pharmacy and Pharmaceutical Sciences 2015 in Düsseldorf.

Please note that for registration for the congress in Germany, German VAT will be charged to you. If you are registered in your home country as a VAT taxable person, this German VAT - under further conditions (as set out below) - can be refunded to you. Please take the following into account:

PARTICIPANTS ESTABLISHED IN GERMANY

You may recover the VAT charged in your local VAT return (Umsatzsteuer-Voranmeldung).

PARTICIPANTS ESTABLISHED IN ANOTHER EU MEMBER STATE

Basic conditions for refund

A refund of German VAT can be requested if:

- You did not or do not have a (fixed) establishment in Germany during the refund period when the German VAT was charged to you.
- You did not supply any goods or services in Germany during the refund period.

How to apply for the refund

To obtain a refund of German VAT, you must address an electronic refund application for German VAT and submit it via the electronic portal set up by the Member State of establishment.

Please note that some Member States require you to request for a separate login code and password before you can access the electronic portal.

Which information should be included in the refund application?

GENERAL INFORMATION

- 1 Your name and full address.
- 2 Your address for contact by electronic means (an e-mail address).
- 3 A description of your business activities for which the goods and services are acquired (pharmacist).

- 4 The refund period covered by the application.
- 5 A declaration that you have not supplied goods and services that are deemed to have been supplied in Germany during the refund period.
- 6 Your VAT identification or tax number.
- 7 Bank account details, including IBAN and BIC.

INFORMATION ABOUT THE SUPPLIER (FIP):

Please see our invoice

- Our name and full address.
- Our German tax number.
- The prefix of the member State of refund. For Germany this is the code DE.
- Date and number of the invoice.
- Taxable amount (invoice amount) and amount of VAT in euros.
- The amount of deductible VAT.
- The deductible proportion (the right to deduct input-VAT).
- The nature of the goods and services acquired (see below).

In the refund application, the nature of the goods and services that are purchased should be given. Certain codes should be used for this description. In this case, the following code is applicable:

Code 8: admissions to fairs and exhibitions.

Specific requirements for Germany

- Deadline: the refund application must be submitted within nine months after the calendar year in which the costs arose.
- The language of the refund request may be either German or English.
- The minimum amount for requesting a refund is € 50 if the refund request concerns an entire year or a remaining part of the year.
- The minimum amount for requesting a refund is € 400 if the refund request concerns a calendar quarter of a year.
- In case the invoice value exceeds € 1,000, a scan of the invoices must be enclosed.



PARTICIPANTS ESTABLISHED OUTSIDE THE EU

Basic conditions for refund

A refund of German VAT can be requested if:

- You are established outside the EU.
- The reciprocity principle is applied, i.e. if your country refunds local VAT to German taxable persons, Germany will refund German VAT to you. Participants from other countries may not be eligible for a refund of VAT.

How to apply for the refund

To obtain a refund of German VAT, you must address a refund application for German VAT and submit it to the Bundeszentralamt für Steuern (BZSt) via a legally prescribed form. We refer to the following link:

www.bzst.de/EN/Steuern_International/Vorsteuerverguetung/Vorsteuerverguetung_node.html

In the end, you must submit a written (printed) request to the BZSt. However, upfront you can submit it also electronically.

Which information should be included in the refund request?

GENERAL INFORMATION

- Deadline: The refund application must be submitted within six months after the calendar year in which the costs arose (deadline).

- The application should be written in German language.
- The refund must at least be € 1,000, unless it sees on a total calendar year or the last part of a calendar year; in that case, it is € 500. The respective fee must therefore be at least € 2,500.
- The refund application should then contain both the net invoice amount and the German VAT amount of the invoice.
- Furthermore a specification (“Einzelaufstellung”) should be added to the request. The specification does not need to specify on an invoice level for which taxable activity the service was used, but can mention in general for which the service was used.
- The original invoices must be included in the refund request. In case of electronic invoicing, the tax authority requires two items for this: a copy of the invoice and the email containing the electronic invoice on an data carrier (CD, USB stick) in order to proof the integrity of the electronic invoice. It is possible to submit the copy of the electronic invoice first and hand in the data carrier with the invoice-email later. However, for a quick processing of your refund application, you should submit both items at the same time.
- The refund request should be signed and a certificate of taxable status should be added to the request.

INTRODUCTION OF FIP



The International Pharmaceutical Federation (FIP) is the global body representing pharmacy and pharmaceutical sciences, founded in 1912. Through our 132 national organisations, academic institutional members and individual members, we represent over three million pharmacists and pharmaceutical scientists around the world.

FIP is a non-governmental organisation that has been in official relations with the World Health Organization since 1948. Through our partnerships and our extensive global pharmacy and pharmaceutical sciences network, we work to support the development of the pharmacy profession, through practice and emerging scientific innovations, in order to meet the world's healthcare needs and expectations.

INTRODUCTION OF ABDA



With more than 20,000 pharmacies and a population of more than 80 million, Germany has a pharmacy density of 25 pharmacies per 100,000 inhabitants. In fact, the total number of pharmacies in Germany has slightly decreased in recent years. In Germany, only pharmacists may operate a pharmacy. This principle signals the personal responsibility and accountability of self-employed pharmacists in the healthcare sector. In its ruling of 19 May 2009, the European Court of Justice confirmed that the ban on third-party ownership in Germany is an acceptable and effective tool of customer protection.

ABDA – the Federal Union of German Associations of Pharmacists - is the umbrella organisation of more than 60,000 pharmacists in Germany. Members of the ABDA include the country's 17 chambers of pharmacists and 17 associations of pharmacists. The chambers of pharmacists are syndicated in the Federal Chamber of Pharmacists (BAK), while the associations of pharmacists are syndicated in the German Pharmacists' Association (DAV).



ACCREDITATION FOR CONTINUING EDUCATION

If you wish to obtain your Continuing Education points in the countries listed below, you can apply for a confirmation of session attendance (listing only the sessions you attended during the congress; business meetings and other non-educational events are not accredited). Please note that you have to apply for this confirmation through our website www.congress.pharmacy between 5 October and 1 November 2015.

You are strongly urged to respect this deadline because FIP will not be able to issue this after 1 November 2015. Confirmations will be issued for accreditation purposes in the listed countries only.

AUSTRIA



The congress sessions of the FIP World Congress 2015 are automatically accredited in Austria, as agreed with the ÖAK (Österreichische Apothekerkammer – Federal Chamber of Pharmacists, number F20141005). Austrian participants are advised to acquire a confirmation of session attendance.

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 2014/388, category 2: Congress. According to the CPE-guideline for Pharmacists and Pharmaceutical Technicians of the Federal Chamber of Pharmacists, participants may be granted:

1 Credit point/45 minutes of attendance to the congress sessions, limited to 8 points a day in the category 2: Congress (maximum 43 points/participant).

MACEDONIA (FYROM)



The 75th 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. Participants from Macedonia are advised to acquire a confirmation of session 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 the hours of attendance. The Registration Committee will honour these continuing education hours (max. 20 hours) on the basis of the confirmation of session attendance delivered by FIP.

NORWAY



The International FIP Congress is recognised as a valid form of continuing education by the Norges Farmaceutiske Forening. Norwegian participants are advised to acquire a confirmation of session attendance.

PORTUGAL



The FIP Congress programme has been approved by the Portuguese Pharmaceutical Society (Ordem dos Farmacêuticos) as a valid activity under the continuous professional development credit system. Attendance of this event is awarded with a maximum of 2,65 CPD credit points. The participants under the Portuguese system of license revalidation are advised to acquire a confirmation of session attendance.

SERBIA



The 75th 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. The following 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 content of the congress sessions is endorsed by the Royal Pharmaceutical Society.

UNITED KINGDOM



The content of the congress sessions is endorsed by the Royal Pharmaceutical Society.

UNITED STATES



FIP is an ACPE-accredited provider of continuing pharmacy education. Participants wishing to be awarded with ACPE credits should submit their NABP e-profile identifier number and date of birth when registering for the FIP congress. After CPE units are processed by the ACPE and NABP, pharmacists will be able to login to a comprehensive electronic profile via the CPE monitor. The FIP ACPE provider identification number is 0579.

Please note that only selected sessions are ACPE accredited; they are indicated by ACPE next to the session number. For ACPE credits no confirmation of session attendance is required.

GENERAL EVENTS

COUNCIL MEETINGS

Monday 28 September 2015, 14:00 – 18:00

Tuesday 29 September 2015, 09:00 – 12:00

Saturday 3 October 2015, 14:00 – 16:00

(simultaneous translation for official delegates)

Room 3

Official representatives from FIP Member Organisations and Observer Organisations can be admitted to the Council Meetings (one delegate per organisation). Each representative has to submit a written proof 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. This year for the first time, FIP Individual Members are welcome to attend most of the Council Meetings, but only as a silent audience. You will be asked to show your FIP membership card at the entrance of the room.

OPENING CEREMONY

Tuesday 29 September 2015, 15:00 – 17:00

Stadhalle (Hall XY)

The Opening Ceremony will take place in the Stadhalle, the “Town Hall” of the Congress Center Düsseldorf. Please be on time as a high number of attendees are expected. The Opening Ceremony is open to all registered participants and their registered accompanying persons.

14:00 – Doors open for guests

14:30 – Guests seated

15:00 – Official start

Welcome by the Master of Ceremonies

Ilka Groenewold

Welcome on behalf of the International Pharmaceutical Federation (FIP)

Carmen Peña, FIP President

Welcome on behalf of the Federal Union of German Associations of Pharmacists (ABDA)

Friedemann Schmidt, ABDA President

Welcome on behalf of the Federal Ministry of Health Germany

Lutz Stroppe, Permanent State Secretary

Official opening of the congress

Presidential address

Carmen Peña, FIP President

Oath for Pharmacists

Luc Besançon, FIP General Secretary & Chief Executive Officer

Entertainment

Awards in Recognition of Excellence

André Bédât Award

The André Bédât Award recognises a pharmacist who is an outstanding practitioner and has made significant contributions to pharmacy at an international level. It is the highest practitioner's award of FIP and this year its recipient is Dr Thomas Lönnngren.

Thomas Lönnngren is a Swedish pharmacist who was educated at Uppsala University. He has spent most of his career in the regulatory field, the first 20 years in Sweden, where he was the deputy director-general of the Swedish Medical Products Agency. In 2001, he became the executive director of the European Medicines Agency (EMA), a position he held until December 2010. Dr Lönnngren has performed a pivotal role within the European drug regulatory system and is recognised internationally as a key influencer in the pharmaceutical sector, through active international collaborations and greater engagement and consideration of patients in regulatory decisions, as well as implementing increased transparency at the EMA.

Høst Madsen Medal

The Høst Madsen Medal is the highest pharmaceutical sciences award of FIP and is given, every two years, to an eminent pharmaceutical scientist who has particularly distinguished him- or herself through research.

This year, the Høst Madsen Medal is awarded to Professor Hans Junginger.

Hans Junginger is an internationally recognised researcher renowned for his outstanding contributions in the field of mucosal barrier modulation and drug absorption control. His research has included buccal and peroral (peptide) drug delivery, peroral and nasal immunisation using particulate systems, skin barrier modulation, chemical enhancement and visualisation of transport routes, electrical enhancement by iontophoresis, vesicle-based carrier systems for transdermal application and chip-based transdermal vaccination using nanorods. From 2003 to 2008, he was a visiting professor at four different universities in Asia and Europe.

Lifetime Achievement in Pharmaceutical Practice Award

The FIP Lifetime Achievement in Pharmaceutical Practice Award recognises an individual who has, over many years, contributed to the development of the practice of pharmacy and who has been engaged with the work of FIP.

This year, the award will be given to Professor David K. Raynor

David K. Raynor practised as a hospital pharmacist in the UK for 20 years before moving into academia in 1996. Professor Raynor's research focuses on the effective provision of consumer medicines information — the written and spoken information people get with their medicines. He has worked at research, practice and policy levels in the UK, USA and Australia. He became the inaugural professor of pharmacy practice at the University of Leeds in 2000, developing a highly active research programme. Currently he is emeritus professor at the University of Leeds.

Distinguished Practice Award

FIP's Distinguished Practice Award recognises an individual or group that has made an outstanding contribution to pharmaceutical practice and who has been engaged with the work of FIP.

This year, the recipient of the Distinguished Practice Award will be: Dr Régis Vaillancourt.

Régis Vaillancourt graduated in pharmacy at the University Laval in Quebec city, Canada. He has made an outstanding contribution to the practice of pharmacy at both national and international level. He has been a valued supporter of FIP and has made significant contributions to our work at many levels. His practice has always been diverse and rich: he served for 22 years as a pharmacist in the Canadian Armed Forces, and, since 2005, he has been the director of pharmacy at the Children's Hospital of Eastern Ontario, Ottawa. In his spare time, Dr Vaillancourt is also a community pharmacist and has been involved in many boards of professional associations and regulators in Canada. He

has always been interested in international matters and served as president of FIP's Military and Emergency Pharmacy Section before becoming an FIP vice president in 2008. He has been instrumental in the success of the FIP Pictograms Project.

FIP Fellows (FFIP)

FIP fellowship 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:

- Claire Anderson (UK)
- Jane Dawson (New Zealand)
- Jennifer Dressman (Germany)
- Linda Hakes (Germany)
- Dominique Jordan (Switzerland)
- Jennifer Marriott (Australia)
- Rebekah Moles (Australia)
- Hiroshi Suzuki (Japan)
- Agathe Wehrli (Switzerland)
- Albert I. Wertheimer (USA)
- Nobuo Yamamoto (Japan)

Joseph A. Oddis Award for Exceptional Service to FIP
The Joseph A. Oddis Award is given on an ad hoc basis to officers of FIP or individuals who have rendered exceptional service to FIP.

This year, the award will be given to Professor Henri R. Manasse, Jr.

Henri R. Manasse, Jr. was executive vice president and chief executive officer of the American Society of Health-System Pharmacists (ASHP) from 1997 to 2012. Later he served as ASHP executive vice president and chief executive officer emeritus. He received his Bachelor of Science in pharmacy from the University of Illinois, a Master of Arts in educational psychology from Loyola University of Chicago, and a PhD in pharmacy administration from the University of Minnesota. From 2005 to 2013, Professor Manasse served as FIP professional secretary, and was made an FIP fellow in 2008. As professional secretary, he expanded his work in FIPed, a strategic initiative of FIP in the global reform of pharmacy education, and served as FIPed Steering Committee chair until August this year.

For all previous award winners, please visit www.fip.org/awards

FIP Foundation for Education and Research presentation

Thony Björk, Chairman of the FIP Foundation

Closing entertainment

POSTER SESSION

Exhibition Hall

Wednesday 30 September until Saturday 3 October 2015, 09:00 – 18:00

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

Waiver of liability

All poster presenters are responsible for putting up and removing their own poster in a proper way and strictly within the indicated timeslots.

If presenters hang 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, co-reviewers and mentors:

ABSTRACT MENTORS AND (CO-)REVIEWERS FOR FIP DÜSSELDORF 2015

Topic	Mentor/(Co-)Reviewer
Academic Pharmacy Section	Nahoko Kurosawa
FIPEd 1	Andreia Bruno
FIPEd 2	Joana Carrasquiera
Social and Administrative Pharmacy Section 1	Timothy Chen
Social and Administrative Pharmacy Section 2	Katja Hakkarainen
Social and Administrative Pharmacy Section 3	Betty Chaar
Clinical Biology Section	Bernard Poggi
Community Pharmacy Section 1	Warren Meek
Community Pharmacy Section 2	Lars-Åke Söderlund
Community Pharmacy Section 3	Martin Astbury
Hospital Pharmacy Section 1	Josep Guiu
Hospital Pharmacy Section 2	Rebekah Moles
Industrial Pharmacy Section	Gabrielle Wiederkehr
Military and Emergency Pharmacy Section 1	Jane Dawson
Military and Emergency Pharmacy Section 2	Wendy Walker

Health & Medicines Information Section 1	Katri Hämeen-Anttila
Health & Medicines Information Section 2	Marielle Nieuwhof
Working Group History of Pharmacy	Jacques Gravé
SIG on Regulatory Sciences	Vinod Shah
SIG Drug Design and Discovery 1	Takuya Kumamoto
SIG Drug Design and Discovery 2	Ulrike Holzgrabe
SIG Formulation Design and Pharmaceutical Technology 1	Giovanni Pauletti
SIG Formulation Design and Pharmaceutical Technology 2	Jayne Lawrence
SIG Pharmacokinetics/Pharmacodynamics & Systems Pharmacology 1	Don Mager
SIG Pharmacokinetics/Pharmacodynamics & Systems Pharmacology 2	Hitoshi Suzuki
SIG Pharmacokinetics/Pharmacodynamics & Systems Pharmacology 3	Masoud Jamei
SIG Natural Products 1	Michiho Ito
SIG Natural Products 2	Joy van Oudtshoorn
SIG Translational Research and Individualized Medicines 1	Hitoshi Sasaki
SIG Translational Research and Individualized Medicines 2	Majid Moridani
SIG Analytical Sciences and Pharmaceutical Quality 1	Masaru Kato
SIG Analytical Sciences and Pharmaceutical Quality 2	Andrew Teasdale
IG Biotechnology 1	Andrew Vick
SIG Biotechnology 2	Dharmesh Desai
Pharmacy Technicians Symposium 1	Susan James
Pharmacy Technicians Symposium 2	Arijana Meštrović
Pharmacy Technicians Symposium 3	Andrew Brown

POSTER SESSION OVERVIEW

The allotted timeslots for hanging up posters should be strictly observed

	first poster	last poster	no	Instruction for Presenters
MONDAY 28 AND TUESDAY 29 SEPTEMBER 2015				
Location: Foyer Room 6				

Pharmacy Technicians	POS-PHT-001	POS-PHT-012	12	Hang up poster on Monday between 08:00 and 09:00 Be at poster board on Monday between 12:00 and 14:30 Be at poster board on Tuesday between 12:00 and 13:00 Take down poster on Tuesday between 13:00 and 14:00
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WEDNESDAY 30 SEPTEMBER AND THURSDAY 1 OCTOBER				
Location: Poster Area Exhibition Hall				

Community Pharmacy	POS-CPS-001	POS-CPS-137	137	Hang up poster on Wednesday between 08:00 and 09:00 Be at poster board on Wed/Thu between 12:00 and 14:30 Take down poster on Thursday between 14:00 and 15:00
Health and Medicines Information	POS-HMI-001	POS-HMI-035	35	
Hospital Pharmacy	POS-HPS-001	POS-HPS-137	137	
Industrial Pharmacy	POS-IPS-001	POS-IPS-007	7	

	first poster	last poster	no	Instruction for Presenters
FRIDAY 2 AND SATURDAY 3 OCTOBER				
Location: Poster Area Exhibition Hall				

Academic Pharmacy	POS-APS-001	POS-APS-075	75	Hang up poster on Friday 2 October between 08:00 and 09:00 Be at poster board on Fri/Sat between 12:00 and 14:30 Take down poster on Saturday 3 October between 14:00 and 15:00
Analytical Sciences and Pharmaceutical Quality	POS-ASP-001	POS-ASP-016	16	
Biotechnology	POS-BIO-001	POS-BIO-007	7	
Clinical Biology	POS-CBS-001	POS-CBS-008	8	
Drug Design and Discovery	POS-DDD-001	POS-DDD-011	11	
Formulation Design and Pharmaceutical Technology	POS-FDP-001	POS-FDP-053	53	
History of Pharmacy	POS-HP-001	POS-HP-001	1	
Military and Emergency Pharmacy	POS-MEP-001	POS-MEP-004	4	
Natural Products	POS-NPR-001	POS-NPR-023	23	
Pharmacokinetics/Pharmacodynamics & Systems Pharmacology	POS-PAA-001	POS-PAA-012	12	
Regulatory Sciences	POS-RSC-001	POS-RSC-014	14	
Social and Administrative Pharmacy	POS-SAP-001	POS-SAP-058	58	
Translational Research and Individualised Medicines	POS-TRI-001	POS-TRI-002	2	

EXHIBITION



Wednesday 30 September until Saturday 3 October 2015, 09:00 – 18:00

Exhibition Halls 3, 4 and 5, South entrance

The FIP exhibition is an integral component of **expo pharm**, the biggest pharmaceutical trade fair in Europe. With more than 25,000 trade visitors and over 500 exhibitors from 42 countries, this is the most important platform of 2015 for all decision-makers in the pharmaceutical market.

Admission

All FIP Congress registered participants and registered accompanying persons have free admission to the exhibition by showing their badges.

Contact:

Werbe- und Vertriebsgesellschaft Deutscher Apotheker mbH
Anne Thürmer
P.O.Box 6114
65735 Eschborn / Germany
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Fax: +49 6196 928 404

Next year

expo pharm is the largest exhibition in Europe with 500 booths and over 25,000 visitors. Next year it will take place in Munich from 12 to 15 October 2016. If you are interested in knowing more about opportunities next year please visit www.exopharm.de or contact us on info@exopharm.de



VISIT THE FIP BOOTH

FIP MEMBERSHIP

Did you know you can become an individual member of FIP? Choose one of the sections, such as community, hospital or academic pharmacy, and connect to the global pharmacy network. If you renew your individual membership or become a member you'll receive one of the new "FIP Member" pins at the FIP booth in the exhibition hall.

FIP FOUNDATION

Our goal at the FIP Foundation is to develop programmes to support and develop pharmacy practice worldwide. This year we have a special edition FIP Foundation mug that you can buy at the FIP booth to help us keep working towards this goal. Only with your support we can continue seeding opportunities!

WHAT ELSE?

At the FIP booth you can find out about new projects that FIP has been working on in the fields of education, pharmacy practice and pharmaceutical sciences. You'll also be able to get the latest information about our Pictogram project.

WHERE?

The FIP booth can be found within the **expo pharm** exhibition, **Hall 3, booth G77**. Also there you will find two booths with information on FIP's next congresses.



SOCIAL EVENTS

WELCOME RECEPTION

Tuesday 29 September 2015, 17:00 – 19:00

Foyer Stadthalle (Hall XY)

The German Host Committee invites all participants and accompanying persons for a warm and festive Welcome Reception, immediately after the Opening Ceremony. All guests will be treated to drinks, in a perfect setting for catching up with old friends and making new ones.

FIRST TIMERS MEETING

(By invitation for first time participants only)

Tuesday 29 September 2015, 13:00 – 14:00

Room 3

At the First Timers meeting, those who are new to FIP Congresses can meet representatives from FIP Sections and Special Interest Groups; it will be a great opportunity for congress first timers to exchange ideas, meet interesting people and become involved in FIP's global network and the wide range of projects the Federation runs.

FIP FUN RUN

Thursday 1 October 2015, 06:45 – 08:00

Departure from Entrance Stadthalle Congress Center
Düsseldorf

For a fourth year the FIP Congress will include a 5km Fun Run, along the banks of the river Rhine. The FIP Fun Run is an excellent event promoting health and wellbeing, and an alternative networking opportunity for FIP delegates. We have asked runners to register their interest in advance, as places are limited. The 10 Euro fee is a donation to the FIP Foundation for Education and Research, which works to advance the pharmacy profession.

YPG (YOUNG PHARMACISTS' GROUP) EVENING

Thursday 1 October 2015, 19:30

Uerige Hausbrauerei

Berger Straße 1
40213 Düsseldorf

Join young pharmacists and students from across the globe to network and celebrate all things pharmacy. This event will no doubt provide lasting memories of your time at the FIP Congress in Düsseldorf. Tickets are for sale at the registration desk.



SECTION DINNERS

Friday 2 October 2015, 20:00 – 22:30

Academic Pharmacy Section dinner (Brauhaus)

Clinical Biology Section dinner (Brauhaus)

Industrial Pharmacy Section dinner (Stikum Saal)

Uerige Hausbrauerei

Berger Straße 1
40213 Düsseldorf

Community Pharmacy Section dinner

Hilton Hotel

Georg-Glock-Straße 20
40474 Düsseldorf

Health & Medicines Information Section dinner

Im Goldenen Ring

Burgplatz 21
40213 Düsseldorf

Hospital Pharmacy Section dinner (Düsseldorfer Stube)

Social and Administrative Pharmacy Section dinner
(Braumeisterstube)

Schumacher Stammhaus

Oststraße 123
40210 Düsseldorf

CLOSING DINNER

Saturday 3 October 2015, 19:30 – 23:00

Rheinterrasse

Joseph-Beuys-Ufer 33
40479 Düsseldorf

The Closing Dinner will be an exceptional and memorable evening, treating 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 onsite registration desk in the registration area.



OVERVIEW OF SESSIONS

		Stadthalle (Hall XY)	Room 1	Room 2	Room 3
MONDAY 28 September 2015	Morning				
	Afternoon				1 st Council Meeting
TUESDAY 29 September 2015	Morning			E14 Pharmacy in Germany	2 nd Council Meeting
	Lunch time			E14 Pharmacy in Germany	First Timers Meeting
	Afternoon	Opening Ceremony and Showcase			
WEDNESDAY 30 September 2015	Morning	A1 Opening session - Defining evidence-based use of medicines			
	Lunch time		E10 FIP Education Development Team: Get involved!	D10 Lost in translation	B7 Medication safety - from evidence to practice
	Afternoon		A2 Scientific evidence and evidence-based practice (EBP)	A6 Novel oral biopharmaceutics tools (EU project OrBiTo)	B5 Making medication unique through personalised dosing
	Late afternoon			SIG meeting	SIG meeting
THURSDAY 1 October 2015	Morning		D4 Quality assurance in a global context	D5 Using database (Part 1): Information Mastery	B1 "Getting personal"
	Lunch time		E12 Sustainable remuneration	E4 Pharmaceuticals and the environment - how green can we be?	B3 "To eat or not to eat"
	Afternoon		D9 Inter-professional and transformative pharmacy education	D6 Using database (Part 2): Evidence-based practice skills	B2 Reducing inter-individual variability

FIP CONGRESS DÜSSELDORF 2015



Room 6	Room 16/17	Room 8	Room 7a	Room 7b	Room 11
E2 Pharmacy Technicians Symposium	E1 AIM Global Deans Forum				
E2 Pharmacy Technicians Symposium	E1 AIM Global Deans Forum	Masterclass M1	Masterclass M2		
E2 Pharmacy Technicians Symposium	E1 AIM Global Deans Forum	Masterclass M1	Masterclass M2		
		Masterclass M1	Masterclass M2		
E15 Høst Madsen Medal lecture					
IPSF Business meeting	C5 Short orals - focus on science and industry				SIG meetings
D11 Specialisation in pharmacy	C6 Short orals - focus on practice	Pharmaceutical Forum of the Americas			
D12 Navigating the transition	MO1 Presentations from Member Organisations		Pharmabridge		
E16 FIP/WHO - Health promotion: role of pharmacists	C6 Short orals - focus on practice			CPS Steering Committee meeting	

OVERVIEW OF SESSIONS

		Stadthalle (Hall XY)	Room 1	Room 2	Room 3
FRIDAY 2 October 2015	Early morning				
	Morning		A7 Cancer immunotherapy	D7 Medicines optimisation (Part 1): Around the globe	B4 How to use surveys to generate locally relevant evidence
	Lunch time			D8 Medicines optimisation (Part 2): CPS vision 2020	E11 Roundtable discussion on proposed MCS
	Afternoon		A3 Complementary and herbal medicines	D3 Advancing practice through strategic workforce development	B6 Compounding - A core competence of the pharmacist
SATURDAY 3 October 2015	Morning (from 09:00 - 12:00)		A4 Medication review - the what and the how	D2 Educational strategies to achieve professional excellence	
	Lunch time		E5 Joint FIP-Red Cross session - Violence against pharmacies	E17 Closing session - Who is committed to change?	
	Afternoon (14:30 - 17:30)		A5 Medicines and driving: what can we advise?	D1 Closing the gap between evidence and practice	3rd Council Meeting

FIP CONGRESS DÜSSELDORF 2015



Room 6	Room 16/17	Room 8	Room 7a	Room 7b	Room 11
E9 Finding the humanitarian face of pharmacy		APS Business meeting			
E6 Disaster situations - Dealing with the personal aftermath	C1 Patient-friendly drug development?				
E13 Emergent diseases: Ebola	MO2 Presentations from Member Organisations	HPS Assembly	HaMIS Business Meeting	SAPS Business Meeting	
E7 Creating progress through innovative policy decisions	C2 Patient-centred care in a world of innovation and progress?	YPG Business Meeting			
E8 Pharmacy - Stories of our heritage	C3 Forum for Innovators			MEPS Business meeting	
D13 Transparency and social media	MO3 Presentations from Member Organisations	IPS Business meeting		Western Pacific Pharmaceutical Forum	
E3 Pharmacy needs more leaders - how to respond	C4 Medicines for all - What is hindering progress?	African Pharmaceutical Forum			

SESSIONS PROGRAMME

THEME OF THE CONGRESS: BETTER PRACTICE: SCIENCE-BASED, EVIDENCE-DRIVEN

M1-M2: FIP masterclasses

M1: ACPE New services and products for your pharmacy	36
M2: ACPE Pharmacy purchasing and procurement	37

MO1-MO3: FIP Member Organisations

MO1: Presentations by FIP Member Organisations	61
MO2: Presentations by FIP Member Organisations	73
MO3: Presentations by FIP Member Organisations	87

Topic A: Defining evidence-based use of medicines

Topic coordinators:
Phil Schneider (USA) & Don Mager (USA)

A1: ACPE OPENING SESSION - Defining evidence-based use of medicines	39
A2: ACPE Scientific evidence and evidence-based practice (EBP): Scope and limitations	44
A3: Complementary and herbal medicines: from lab to community	74
A4: ACPE Medication review - the what and the how	80
A5: ACPE Medicines and driving: what can we advise?	88
A6: Novel oral biopharmaceuticals tools (EU project OrBiTo)	45
A7: Cancer immunotherapy: using drugs and cells to exploit our immune systems	66

Topic B: Practice through science and science through practice

Topic coordinators:
Giovanni Pauletti (USA) & Hiroshi Suzuki (Japan)

B1: ACPE "Getting personal": pharmacogenomics at the crossroads of practice and science	52
B2: ACPE Reducing inter-individual variability: the power of a practitioner/scientist team approach	62
B3: ACPE "To eat or not to eat": how does food impact drug efficacy?	57
B4: How to use surveys to generate locally relevant evidence through practice - an interactive workshop	67
B5: ACPE Making medication unique through personalised dosing	48
B6: Compounding - a core competence of the pharmacist	75
B7: ACPE Medication safety - from evidence to practice	40

Topic C: Creating progress - innovating with the human touch

Topic coordinators:
Linda Hakes (Germany) & Betty Chaar (Australia)

C1: ACPE Patient-friendly drug development?	68
C2: ACPE Patient-centred care in a world of innovation and progress?	76
C3: The Forum for Innovators - Implementing and remunerating pharmaceutical services for chronic diseases	81
C4: Medicines for all - what is hindering progress?	89
C5: Short oral presentations - focus on science & industry	46
C6: Short oral presentations - focus on practice	49

FIP CONGRESS DÜSSELDORF 2015



Topic D: Closing the gap for achieving professional excellence

Topic coordinators:
Arijana Meštrović (Croatia) & Ralph Altieri (USA)

D1: ACPE Closing the gap between evidence and practice	90
D2: ACPE Educational strategies to achieve professional excellence	82
D3: ACPE Advancing practice through strategic workforce development in community and hospital settings	78
D4: ACPE Quality assurance in a global context - new ways, new methods	53
D5/D6: Using database - ensuring evidence-based medicines use	54
D7/D8: Medicines optimisation: around the globe (Part 1) & ACPE Medicines optimisation: CPS vision 2020 (Part 2)	69
D9: ACPE Interprofessional and transformative pharmacy education: a new beginning	63
D10: Lost in translation - preserving scientific knowledge across borders	41
D11: Specialisation in pharmacy - professional recognition in the European Union	56
D12: Navigating the transition - from science-based education to practice	58
D13: ACPE Transparency and social media - the pharmacist as the spider in the web	84

Topic E: Targeting your interest

Topic coordinator:
Zuzana Kusynová (The Netherlands)

E1: 6th AIM Global Deans Forum	32
E2: Pharmacy Technicians Symposium	34
E3: ACPE Pharmacy needs more leaders - how to respond	91
E4: ACPE Pharmaceuticals and the environment - how green can we be?	59
E5: Violence against pharmacies (Joint FIP - Red Cross session)	85
E6: Disaster situations - dealing with the personal aftermath	70
E7: ACPE Creating progress through innovative policy decisions, in emergency situations	77
E8: Pharmacy - stories of our heritage	83
E9: ACPE Finding the humanitarian face of pharmacy	65
E10: ACPE FIP Education Development Team: get involved	42
E11: Roundtable discussion on proposed Manufacturing Classification System	71
E12: Sustainable remuneration	60
E13: ACPE Emergent diseases: Ebola - what pharmacists can do	72
E14: Pharmacy in Germany	38
E15: Høst Madsen Lecture	43
E16: Health promotion: role of pharmacists (FIP-WHO session)	64
E17: ACPE CLOSING SESSION - Who is committed to change?	86

MONDAY 28 AND TUESDAY 29 SEPTEMBER 2015

E1: 6TH AIM GLOBAL DEANS FORUM: INTEGRATING SCIENCE AND PRACTICE INTO PHARMACY/PHARMACEUTICAL EDUCATION USE OF MEDICINES

(By invitation, for Deans who are members of AIM only)

Organised by FIPEd

Monday 28 September 2015, 09:00 – 12:00 and 14:30 – 17:30

Tuesday 29 September 2015, 09:00 – 12:00

Duration: 9h

Room 16/17

PROGRAMME

Monday 28 September 2015, 09:00 – 12:00

PART I - DECISION-MAKING IN PRACTICE, THE INTEGRATION OF SCIENCE: THE DEAN'S ROLE

Knowledge-based session

Educational Session

FACILITATOR

John Pieper (St Louis College of Pharmacy, USA)

SPEAKERS

William Charman (Monash University, Australia)

Robert Blouin (University of North Carolina, USA)

Bernd Clement (University of Kiel, Germany)

Mahama Duwiejua (National Council for Tertiary Education, Ghana)

Lunchtime

Introducing the newly adopted FIP Oath for Pharmacists – your role in implementing change

Betty Chaar (University of Sydney, Australia) and William Zellmer (American Society of Health-System Pharmacists, USA)

Monday 28 September 2015, 14:30 – 17:30

PART II - USING EVIDENCE TO IMPROVE THE OUTCOMES OF PHARMACY/PHARMACEUTICAL PRACTICE TEACHING

Knowledge-based session

Technical Expert Session

FACILITATOR

Lilian Azzopardi (University of Malta, Malta)

SPEAKERS

Timothy Rennie (School of Pharmacy, Namibia)

Iva Mučalo (University of Zagreb, Croatia)

Pierre Moreau (Faculty of Pharmacy, Kuwait)

Trhina Loennechen (University of Tromsø, Norway)

Tuesday 29 September 2015, 09:00 – 12:00

PART III – ACADEMIC LEADERSHIP LEADING CHANGE

Knowledge-based session

Deans' Global Leadership

FACILITATOR

David Hill (University of Saskatchewan, Canada)

1) University of Minnesota College of Pharmacy Center for Leading Healthcare Change

Lowell Anderson (University of Minnesota, USA)

2) The Pan American Conference on Pharmaceutical Education: much more than recommendations

Patricia Acuña (University of Valparaíso, Chile)

3) The role of academia in re-engineering the pharmacy landscape: Experience from the Philippines

Eric Salenga (University of the Philippines, Philippines)

PART IV – STRATEGIC PLANNING FOR THE FUTURE

Application-based session

Deans' Global Strategy

FACILITATOR

Wayne Hindmarsh (Leslie Dan Faculty of Pharmacy, Canada)

Outcomes of the Global Students Learning Experiences Questionnaire

Naoko Arakawa (University College London, UK)

MONDAY 28 AND TUESDAY 29 SEPTEMBER 2015

E2: PHARMACY TECHNICIANS SYMPOSIUM ACHIEVING A STRONG PHARMACY TECHNICIAN WORKFORCE: DRIVEN BY EVIDENCE

(Separate registration required)

Organised by **FIPEd**

Monday 28 September 2015, 09:00 – 12:00 and 14:30 – 17:30

Tuesday 29 September 2015, 09:00 – 12:00

Duration: 9h

Room 6

PROGRAMME

Monday 28 September 2015, 09:00 – 12:00

PART I – THE PHARMACY TECHNICIAN WORKFORCE - EVIDENCE OF THE NEED

Application-based session

LEARNING OBJECTIVES

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

1. Identify the link between global workforce data and the need for expansion of the availability and utilisation of the mid level pharmacy cadres.
2. Justify how evidence has been used to position advancements in the role of pharmacy support workers in the medicine supply chain.
3. Demonstrate how education programmes can be established to respond to local human resource needs.
4. Explain how the pharmacy support workforce in the European Union has achieved mobility.

CHAIR

Susan James (Canada)

SPEAKERS

Chris John (Royal Pharmaceutical Society of Great Britain, UK), Andrew Brown (Australia), Dan Kibuule (University of Namibia) and Shirley-Anne Boschmans (South Africa), João Joaquim (Instituto Politecnico de Coimbra, Portugal)

Monday 28 September 2015, 14:30 – 17:30

PART II – PHARMACY TECHNICIANS IN PRACTICE - EVIDENCE OF THEIR VALUE

Application-based session

LEARNING OBJECTIVES

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

1. Discuss a variety of current practices that demonstrate the added value of pharmacy technicians and other pharmacy support workforce cadres in the delivery of pharmacy services.
2. Define the gaps and barriers that exist in current practice models to support full utilisation of pharmacy technicians.
3. Identify education and continued professional development needs for pharmacy technicians to advance their role and contribution to achievement of the best possible patient care outcomes.
4. Detect operational and systemic changes that can contribute to or hinder the ability of pharmacy technicians to impact practice to the fullest extent possible and identify potential strategies to achieve desired changes in practice.

CHAIRS

Christina Durinck (Denmark) and Hui Leng (Singapore)

A new vision for Pharmacy Technician roles through exploration of current practice

FACILITATOR

Zubin Austin (Canada)

PANEL MEMBERS

Robert Moss (The Netherlands)

Ash Soni (UK)

Angelika Gregor (Germany)

Tey Choon Kee (Singapore)

Tuesday 29 September 2015, 09:00 – 12:00

PART III – DEVELOPING EVIDENCE IN PRACTICE: A SKILLS-BASED WORKSHOP ON PRACTICE-BASED RESEARCH

Application-based session

LEARNING OBJECTIVES

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

1. Produce the systematic approach that underpins practice-based research.
2. Adopt how others have used practice-based research methods in community, hospital and development settings.
3. Demonstrate practice-based research skills by preparing a work-based research project for a question of their choice, in their work context.

CHAIR

Jochen Pfeifer (Germany)

PROGRAMME

1) 09:00 Practice-based research – the basics

Jochen Pfeifer (Germany)

2) 09:30 Practice-based research – case studies from the pharmacy workplace

(community pharmacy, hospital pharmacy, development)

Tamara Köhler (The Netherlands), Sanne Hee Johansen (Denmark), Manusika Rai (The Netherlands)

11:00 Break

3) 11:15 Practice-based research – application

Jochen Pfeifer (Germany)

4) 11:45 Symposium summary and closing remarks

MONDAY 28 AND TUESDAY 29 SEPTEMBER 2015

M1 – M2: FIP MASTERCLASSES

FIP MASTERCLASS M1 (ACPE): NEW SERVICES AND PRODUCTS FOR YOUR PHARMACY

Organised by FIP

Monday 28 September 2015, 14:00 – 18:00

and Tuesday 29 September 2015, 09:00 – 14:30

Duration: 8h30 in total (lunch included on the second day)

Room 8

LEARNING OBJECTIVES

Application-based session

By the end of this session you will be able to:

1. Adopt strategies to expand your pharmacy's services based on your individual population's needs.
2. Detect areas for improving your pharmacy business.
3. Identify new opportunities for attracting more people (patients and healthy individuals) to your pharmacy.
4. Catalogue different services (e.g. modes of pharmaceutical care/patient follow-up, counselling on cosmetics, expertise on dietary products, advising on medical equipment).
5. Adopt digital marketing and e-commerce to your services and other patient-care related resources.
6. Install innovative ways of incorporating new services and products for the success of your pharmacy.

PROGRAMME

Speaking: William Doucette (University of Iowa, USA and Fin McCaul (Independant Pharmacy Federation and Prestwich Pharmacy, UK)

1) How to analyse your current business portfolio

2) Choose new services and products based on your patients' needs

3) How to provide the best patient care using new services

4) How to better market your current and new services and products

5) What other ways are there to improve your pharmacy's profit margin?

6) Brainstorm future services with the group

FIP MASTERCLASS M2 (ACPE): PHARMACY PURCHASING AND PROCUREMENT

Organised by FIP

Monday 28 September 2015, 14:00 – 18:00

and Tuesday 29 September 2015, 09:00 – 14:30

Duration: 8h30 in total (lunch included on the second day)

Room 7a

LEARNING OBJECTIVES

Knowledge-based session

By the end of this session you will be able to:

1. Explain today's pharmaceutical distribution landscape.
2. Explain good buying practices on a global level.
3. Explain challenges that are currently faced by buyers and sellers in the field.
4. Outline strategies to become a better purchaser of medicines and equipment.
5. Identify quality assurance methods for the purchases in your facility.

CHAIR

Maggie Dolan (NHS Commercial Solutions, UK)

PROGRAMME

Speaking: Chuck Adcox (Cardinal Health, USA) and Jean-Michel Descoutures (Centre Hospitalier Victor Dupouy, France)

1) How pharmaceuticals are supplied to pharmacies, hospitals and mail-order pharmacies

2) Challenges in procurement; quality assurance, drug shortages and formulary decisions (clinical angle)

3) Financial impact, purchasing contracts, inventory control, essential administration and evaluating suppliers (technical angle)

4) How does your seller think? Negotiating strategies to ensure successful purchasing performance

5) Seeking alternatives in purchasing; drug shortages, pricing, most affordable generics (also in developing countries)

6) Engaging with your supplier — how to develop a better partnership and collaboration

TUESDAY 29 SEPTEMBER 2015

E14: PHARMACY IN GERMANY

Organised by the Local Host Committee

Tuesday 29 September 2015, 11:00-14:00

Duration: 3h

Room 2

LEARNING OBJECTIVES

Knowledge-based session

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

1. Explain the system of undergraduate education and the steps taken to prepare the pharmacist of the future.
2. Outline how hospital pharmacists ensure medication safety.
3. List examples of the wide range of areas of work in the German military.
4. Describe the scale and scope of the pharmaceutical industry in Germany.
5. Explain the envisioned future for pharmacy practice in Germany.

CHAIRS

Martin Schulz (ABDA, Germany) and Kerstin Neumann (Johnson & Johnson, Germany)

PROGRAMME

1) 11:00 Welcome

Martin Schulz (ABDA, Germany)

2) 11:05 Preparing the pharmacist for the future

Dieter Steinhilber (Goethe-University Frankfurt, Germany) and Ulrich Jaehde (University Bonn, Germany)

3) 11:35 Medication safety in hospital pharmacy

Torsten Hoppe-Tichy (University Hospital Heidelberg, Germany)

4) 12:05 Military pharmacy: challenging areas of work at home and in mission

Arne Krappitz (Bundeswehr Medical Service Headquarters, Germany)

12:35 Break

5) 12:55 R & D in Germany

Andreas Busch (Bayer HealthCare, Germany)

6) 13:25 2030 in perspective: Medication therapy management in community pharmacy

Katja Renner (Wassenberg, Germany)

7) 13:55 Closing remarks Kerstin Neumann (Johnson & Johnson, Germany)

WEDNESDAY 30 SEPTEMBER 2015

A1 (ACPE): OPENING SESSION: DEFINING EVIDENCE-BASED USE OF MEDICINES

Organised by the FIP Programme Committee

Wednesday 30 September 2015, 09:00 – 12:00

Duration: 3h

Stadthalle (Hall XY)

LEARNING OBJECTIVES

Knowledge-based session

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

1. State the importance of evidence-based use of medicines.
2. Define what the concept of evidence-based pharmacy means.
3. List examples of when medicines are not used in an evidence-based way.
4. Detect the limits of evidence-based practices in the use of medicines.

CHAIRS

Phil Schneider (University of Arizona, USA) and Don Mager (University of Buffalo, USA)

PROGRAMME

1) 09:00 Introduction

Phil Schneider (University of Arizona, USA)

2) 09:10 What is the evidence-based use of medicines?

Sir Michael Rawlins (Medicines and Healthcare Products Regulatory Agency, UK)

3) 09:45 Do clinical guidelines provide evidence-based information?

Ulrich Laufs (Universitätsklinikum des Saarlandes, Germany)

10:20 Break

4) 10:40 Case study: anticoagulation management - unacceptable gap between evidence-based guidelines and actual practice that pharmacists can help close through anticoagulation management services

Edith Nutescu (University of Illinois Hospital & Health Sciences System, USA)

5) 11:15 Panel discussion

Moderator: Joseph Saseen (University of Colorado, USA)

WEDNESDAY 30 SEPTEMBER 2015

B7 (ACPE): MEDICATION SAFETY: FROM EVIDENCE TO PRACTICE

Organised by the FIP Community Pharmacy Section

Wednesday 30 September 2015, 12:30 – 14:00

Duration: 1h30

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe common strategies to improve medication safety.
2. Outline pitfalls of strategies to improve medication safety in routine care across different health sectors.
3. Identify factors for success of strategies to improve medication safety.
4. Describe promising strategies to foster successful collaborations of healthcare professionals.

CHAIRS

Hanna Seidling (University of Heidelberg, Germany) and Karin Graf (ABDA, Germany)

PROGRAMME

1) 12:30 Medication errors - how do they arise?

Bryony Dean Franklin (Centre for Medication Safety and Service Quality, UK)

2) 13:00 Best-practice strategies to improve medication safety

I.H. van der Sijs (Erasmus University Medical Center Rotterdam, The Netherlands)

3) 13:30 The efficacy / effectiveness gap of best-practice strategies to improve medication safety

Hanna Seidling (University of Heidelberg, Germany)

WEDNESDAY 30 SEPTEMBER 2015

D10: LOST IN TRANSLATION: PRESERVING SCIENTIFIC KNOWLEDGE ACROSS BORDERS

Organised by the FIP Health & Medicines Information Section and the FIP Industrial Pharmacy Section

Wednesday 30 September 2015, 12:30 – 14:00

Duration: 1h30

Room 2

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the quality process in scientific translation and its relevance to make science accessible to international audiences.
2. Identify where particular deficits exist in different pharmaceutical sectors and discuss what actions could be taken to encourage mutual understanding and better translations.
3. Outline the impacts of the increasing demand for translations in the pharmaceutical industry sector, i.e., the perspective from companies acting in countries with different languages.
4. Categorise the effectiveness of automated and semi-automated tools used to speed-up the translation process and comply with the short timelines of the pharmaceutical sector.
5. Describe points-of-view, challenges and expectations from translation providers.
6. Identify on-translation mistakes that could cause damages (including to patients) and how to manage them.

CHAIRS

Parisa Aslani (The University of Sydney, Australia) and Igor Linhares de Castro (BiocadBrazil, Brazil)

PROGRAMME

1) 12:30 Introduction

Igor Linhares de Castro (BiocadBrazil, Brazil)

2) 12:40 Impacts of translation in the pharmaceutical industry: needs and expectations of translation buyers

Angela Calianno (Celgene R&D Sarl, Switzerland)

3) 13:10 Ensuring reliability and effectiveness of scientific medical and pharmaceutical translations: the perspective of translation providers

Matilde Nisbeth Jensen (Aarhus University, Denmark)

4) 13:40 Case reports: managing risk outcomes from translation mistakes in the health sector

WEDNESDAY 30 SEPTEMBER 2015

E10 (ACPE): FIP EDUCATION DEVELOPMENT TEAM: GET INVOLVED

Organised by FIPed EDT

Wednesday 30 September 2015, 12:30 – 14:00

Duration: 1h30

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the role of the EDT in the structure of FIP & FIPed.
2. Identify the content and key messages of the 2015 FIPed Technical Reports.
3. Define the relevance and importance of the issues described in the technical reports to the ongoing development of the pharmacy profession.
4. Challenge the debate regarding EDT activities and projects.
5. Identify the role of education in development of the profession.

CHAIR

Ian Bates (FIPed Education Development Team, UK)

PROGRAMME

- 1) 12:30 Launch of 2015 technical reports
 - a. Inter-professional education Jill Boone (University of Cincinnati, USA), Tina Brock (University of California, USA)
 - b. Advanced practice and specialisation Kristie Galbraith (Monash University, Australia)
- 2) 12:50 Ongoing projects
 - a. Academic capacity Claire Anderson (University of Nottingham, UK)
 - b. Continuing Professional Development/Education Toyin Tofade (University of Maryland, USA)
 - c. Quality Assurance Mike Rouse (Accreditation Council for Pharmacy Education, USA)
 - d. Journal update Timothy Rennie (University of Namibia, Namibia)
 - e. Pharmacy Support Workforce Susan James (Ontario College of Pharmacists, Canada)
 - f. e-Platforms and IT-based learning Ian Larson (Monash University, Australia)
 - g. Questions and answers
- 3) 13:30 The Global Pharmacy Workforce Observatory
Christopher John (Royal Pharmaceutical Society, UK)
- 4) 13:40 Refreshing the Education vision – with WHO (transformative education)
Andreia Bruno (FIPed, Portugal)
- 5) 13:50 Benefiting member organisations

WEDNESDAY 30 SEPTEMBER 2015

E15: FIP HØST MADSEN MEDAL LECTURE

Organised by the FIP Board of Pharmaceutical Sciences

Wednesday 30 September 2015, 13:00 – 14:00

Duration: 1h

Room 6

The Høst Madsen Medal is made possible by the support of Danmarks Apotekerforening, the Association of Danish Pharmacies.

The Høst Madsen Medal is the highest Pharmaceutical Sciences Award of FIP and is awarded every two years, to an eminent pharmaceutical scientist who has particularly distinguished himself with his research.



WEDNESDAY 30 SEPTEMBER 2015

A2 (ACPE): SCIENTIFIC EVIDENCE AND EVIDENCE-BASED PRACTICE (EBP): SCOPE AND LIMITATIONS

Organised by the FIP Academic Pharmacy Section

Wednesday 30 September 2015, 14:30 – 17:30

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Define scientific evidence and list its essential characteristics.
2. Distinguish between scientific and non-scientific study methods and evidence.
3. Demonstrate how pseudoscience can be sold as science to influence both practitioners and patients.
4. Challenge various models for EBP and determine which may be best for their local environment.
5. Identify the value and limitations of cutting edge science and its applicability, or the lack thereof, to current practice.

CHAIR

Stephen Chapman (Keele University, UK)

PROGRAMME

1) 14:30 Scientific and non-scientific study methods and evidence

Vimal Kishore (Xavier University of Louisiana, USA)

2) 15:15 Models for EBP-based therapeutic decision making

Toyin Tofade (University of Maryland, USA)

16:00 Break

3) 16:15 Value and limitations of cutting-edge science (e.g. gene therapy and pharmacogenomics) to patient care here and now

Ichiro Ieiri (Kyushu University, Japan)

4) 17:00 Panel discussion

Moderator: Stephen Chapman (Keele University, UK)

5) 17:20 Real-time summarisation

Stephen Chapman (Keele University, UK)

WEDNESDAY 30 SEPTEMBER 2015

A6: NOVEL ORAL BIOPHARMACEUTICS TOOLS (EU PROJECT ORBITO)

Organised by the FIP SIG on Regulatory Sciences and the FIP Clinical Biology Section

Wednesday 30 September 2015, 14:30 – 17:30

Duration: 3h

Room 2

LEARNING OBJECTIVES

Knowledge-based session

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

1. Evaluate the latest progress in the area of in vitro and in silico predictive tools for oral absorption reducing the need for in vivo studies.
2. Outline new physiological information of relevance for oral absorption.
3. Describe possible future direction for increased opportunities for biowaivers by enhanced use of predictive tools.
4. Distinguish the aims and plans within the IMI project OrBiTo.
5. Specify progress and plans to influence further work in OrBiTo.

CHAIRS

Xavier Pepin (AstraZeneca, France) and Jennifer Dressman (Goethe University Frankfurt am Main, Germany)

PROGRAMME

1) 14:30 Introduction to OrBiTo

Xavier Pepin (Sanofi-Aventis, France)

2) 14:45 Screening drugs for supersaturation potential and precipitation risks

Anette Müllertz (Copenhagen University, Denmark)

3) 15:15 Biopharmaceutical tools to predict the impact of supersaturation and precipitation on oral drug absorption

Edmund Kostewicz (Goethe University, Germany)

15:45 Break

4) 16:00 Gastrointestinal evaluation of enabling formulations in humans to understand intraluminal supersaturation and precipitation

Joachim Brouwers (Catholic University Leuven, Belgium)

5) 16:30 Modelling the dynamics of fluids, pH and bile salts in the upper GI tract: towards adequate estimates of luminal drug concentration and supersaturation

Xavier Pepin (AstraZeneca, France)

6) 17:00 Drug-drug interactions during oral drug absorption

Elin Lindhagen (Swedish Medical Product Agency, Sweden)

WEDNESDAY 30 SEPTEMBER 2015

C5: SHORT ORAL PRESENTATIONS – FOCUS ON SCIENCE & INDUSTRY

Organised by the FIP Industrial Pharmacy Section and the FIP SIGs on Drug Design and Discovery, Natural Products, Formulation Design and Pharmaceutical Technology, Pharmacokinetics/Pharmacodynamics & Systems Pharmacology, Translational Research and Individualised Medicines, Biotechnology, Analytical Sciences and Pharmaceutical Quality, Regulatory Sciences

Wednesday 30 September 2015, 14:30 – 17:30

Duration: 3h

Room 16/17

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe some original pharmaceutical science & industry contributions.
2. Compare the impact of these contributions based on their own experiences.
3. Identify how to make a striking presentation in a short and concise way.
4. List a number of initiatives undertaken by individual pharmacists and/or pharmacy organisations.

CHAIRS

Gabrielle Wiederkehr (FIP IPS, Switzerland) and Igor Linhares de Castro (FIP IPS, Brazil)

PROGRAMME

14:30 Introduction by the Chair

Xavier Pepin (Sanofi-Aventis, France)

1) 14:35 Implementation of a pharmacist-led pharmacogenomics service for community-based frail elderly

Kevin Bain (Tabula Rasa Healthcare, USA)

2) 14:45 Drug quality and dissolution testing at all points in the supply chain: integration of scalable technology in the health system

Nga Ho (Boston University, USA)

3) 14:55 Endangering lives for a few cents of profit: a counterfeit antimalarial medicine in Malawi contains not supfadoxine/pyrimethamine but paracetamol or cotrimoxazol

Lutz Heide (University of Malawi, Malawi)

4) 15:05 Development and implementation of a Master's Degree (MS) in biotechnology innovation and regulation science (BIRS) in Africa

Karl Clase (Purdue University, USA)

5) 15:15 Brand story of a leading G.I. product

Mandy Fan (Taipei Pharmacists Association, China Taiwan)

6) 15:25 Influence of Korea-US FTA conclusion on Korean pharmaceutical industry

Seok Goo Chang (Korean Pharmaceutical Association, Republic of Korea)

7) 15:35 Determination of in-vitro equivalence of BCS class 1 drugs: paracetamol, phenoxymethylpenicillin and metronidazole tablets available in Sri Lanka

Dhanusha Thambavita (University of Colombo, Sri Lanka)

15:45 Break

8) 16:15 8) GMP assessment of Mongolian pharmaceutical manufacturers

Tsatsrai Ichnikhorloo (Fourth Health Sector Development Project, Mongolia)

9) 16:25 Prediction of drug clearance in elderly patients using the Simcyp geriatrics model

Manoranjenni Chetty (Simcyp, UK)

10) 16:35 Quantitative effect of CYP2C19 and CYP2C9 genotype on concentration prediction of valproate in epileptic patients

Dechun Jang (XuanWu Hospital of Capital Medical University, China)

11) 16:45 Impact of SCN1A, ABCB1 and EPHX1 polymorphic variants in plasma carbamazepine concentrations and pharmacoresistance in Kosovar population

Armond Daci (University of Kosovo, Kosovo)

12) 16:55 Glycyrhizin conjugated chitosan nanoparticles for hepatocyte-targeted delivery of lamivudine

Deepak Kumar Mishra (ADINA Institute of Pharmaceutical Sciences, India)

13) 17:05 Development of novel omega-3 polysaturated fatty acid derived agents that inhibit breast cancer growth in vivo

Tristan Rawling (University of Technology Sydney, Australia)

14) 17:15 Label-free visualisation of islets markers and drugs in pancreas using high-resolution mass spectrometry imaging

Dhaka Ram Bandari (Justus Liebig University, Germany)

17:25 Conclusion by the Chair

WEDNESDAY 30 SEPTEMBER 2015

B5 (ACPE): MAKING MEDICATION UNIQUE THROUGH PERSONALISED DOSING

Organised by the FIP SIG on Formulation Design and Pharmaceutical Technology, the FIP Hospital Pharmacy Section and the FIP SIG on Translational Research and Individualised Medicines

Wednesday 30 September 2015, 14:30 – 17:30

Duration: 3h

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. Explain flexible dosing opportunities for specialised patient populations using conventional and novel formulations.
2. Analyse the concept of monolithic solid dosage forms in personalised medicine.
3. Describe the development of pharmacy computer system clinical decision support tools that address personalised doses for specific medicines.
4. List examples of opportunities for pharmacists to maximise therapeutic outcomes through personalised medicine.

CHAIRS

Marianne Ivey (University of Cincinnati, USA) and Tetsuya Ozeki (Nagoya City University, Japan)

PROGRAMME

1) 14:30 Defining the role of a pharmacist in personalised medicine

Hitoshi Sasaki (Nagasaki University Hospital, Japan)

2) 15:10 Building personalised dosing into clinical decision support

Kelly Caudle (St. Jude Children's Research Hospital, USA)

15:50 Break

3) 16:10 Individual oral therapy using the novel solid dosage pen

Joerg Breitzkreuz (Heinrich Heine University, Germany)

4) 16:50 Printing technologies that potentially personalise doses and dosage forms

Niklas Sandler (Åbo Akademi University, Finland)

THURSDAY 1 OCTOBER 2015

C6: SHORT ORAL PRESENTATIONS – FOCUS ON SCIENCE & INDUSTRY

Organised by the FIP Industrial Pharmacy Section, the FIP Academic Pharmacy Section, the FIP Community Pharmacy Section, the FIP Health and Medicines Information Section, the FIP Hospital Pharmacy Section and the FIP Social and Administrative Pharmacy Section

Thursday 1 October 2015, 9:00 – 12:00

Thursday 1 October 2015, 14:30 – 17:30

Duration: 2x3h

Room 16/17

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe some original pharmacy practice contributions.
2. Compare the impact of these contributions based on their own experiences.
3. Identify how to make a striking presentation in a short and concise way.
4. List a number of initiatives undertaken by individual pharmaceutical practitioners.

CHAIR

Timothy Chen (The University of Sydney, Australia)

PROGRAMME

09:00 Introduction by the Chair

1) 09:05 Health-related and sociodemographic characteristics of the general population with adverse drug events – a retrospective medical record study of 4970 adults across care settings

Katja Hakkarainen (EPID Research, Sweden)

2) 09:15 Preparing pharmacists for patient centred care: the US. Adapt experience

Gary Matzke (Virginia Commonwealth University, USA)

3) 09:25 From good to great – developing and implementing a gold standard in clinical service quality to Elderly Care Wards (ECW)

Shaheen Mannan (Counties Manukau District Health Board, New Zealand)

4) 09:35 Drug-related problems in elderly home care patients - collaborative care model between pharmacists and caregivers: is it possible?

Jasna Urošević (Apoteka Kragujevac, Serbia)

5) 09:45 Consumer perspectives on Australian and US over-the-counter medicine labelling strategies: is standardisation the way forward?

Vivien Tong (The University of Sydney, Australia)

- 6) 09:55 Evaluation of the impact of pharmaceutical participation in access and adherence to antihypertensive treatment of patients at a public primary healthcare center in Argentina**
Carina Vetye-Maler (Apotheker Ohne Grenzen Deutschland e.v., Germany)
- 7) 10:05 Assessing the awareness and knowledge on the use of probiotics by healthcare professionals (HCPS) in Nigeria**
Otuto Amarauche Chukwu (Health Policy Research and Development Unit National Assembly Abuja, Nigeria)
- 8) 10:15 Malaria case detection using rapid diagnostic tests at the community level in Ghana - consumer perception and practitioners' experiences**
Daniel Amaning Danquah (Pharmacy Council, Ghana)
- 10:25 Break**
- 9) 10:45 A comparative study on risk analysis in multidrug-resistant tuberculosis population of Telangana State (India)**
Anusha Bompelli (St. Peter's Institute of Pharmaceutical Sciences, India)
- 10) 10:55 Influence of clinical pharmacist interventions in reducing prescribing errors in women oncologic patients**
Priscila Gava Mazzola (Unicamp, Brazil)
- 11) 11:05 "If you want to live, you have to take the medications..." says the doctor – day to day adherence to anti-diabetic medications in Nepalese patients with type 2 diabetes**
Sujata Sapkota (The University of Sydney, Australia)
- 12) 11:15 An overview of kidney stone disease in Lebanon**
Marwan Akel (Lebanese International University, Lebanon)
- 13) 11:25 Neglected essential medicines project – seeking solutions to improve access to affordable, good quality essential medicines**
Wilbert Bannenberg (HERA Foundation, The Netherlands)
- 14) 11:35 Trends in the receipt of medicines information among aging Finns in 1999-2013**
Niina Mononen (University of Helsinki, Finland)
- 15) 11:45 Pharmacist-only trimethoprim: pharmacist satisfaction on their training and the impact on their practice**
Natalie Gauld (Natalie Gauld Ltd., New Zealand)
- 11:55 Conclusion by the Chair**
- 12:00 - 14:30 Lunch break**
- 14:30 Introduction by the Chair**
- 16) 14:35 Mentoring as a resource for career development and collegiality: a pilot mentoring programme for Finnish pharmacists**
Liisa Kanninen (The Finnish Pharmacists' Society, Finland)
- 17) 14:45 An innovative initiative: the Pharmacy Practice Research Unit at CHU Sainte-Justine**
Aurélie Guérin (CHU Sainte Justine, Canada)

- 18) 014:55 Impact Pharmacie: an innovative website to improve pharmacy practice based on evidences**
Aurélie Guérin (CHU Sainte Justine, Canada)
- 19) 15:05 Strengthening pharmaceutical services in poor settings – a Train the Trainer approach**
Andreas Wiegand (Apotheker Helfen e. v. - German Pharmacists' Aid - Ecumenical Pharmaceutical Network, Germany)
- 20) 15:15 Pharm-Ed: a hospital pharmacy educational and collaborative platform for developing countries**
Sandrine von Grunigen (University Hospitals of Geneva, Switzerland)
- 21) 15:25 Motivation and views of Filipino pharmacists related to continuing professional education**
Arianne Diane Alpino Aninon (Asia Pacific Institute for Medication Management, Philippines)
- 22) 15:35 Teaching teachers to teach: faculty perceptions of 5-minute faculty teaching development series**
Susan Stein (Pacific University Oregon, USA)
- 23) 15:45 The value of pharmacy guidance in Finland**
Inka Puumalainen (Association of Finnish Pharmacies, Finland)
- 15:55 Break**
- 24) 16:15 Implementation of a medication bundle in residential facilities for the disabled using the model for improvement**
Linda Aagaard Thomsen (Pharmakon - Danish College of Pharmacy Practice, Denmark)
- 25) 16:25 Towards interprofessional networking in medication management: challenges and potential solutions**
Sonja Kallio (University of Helsinki, Finland)
- 26) 16:35 Introducing OSCEs into pharmacy education curriculum for students of Turkey and Cyprus: pre-implementing pilot OSCE**
Abdikarim Mohamed Abdi (Near East University, Turkey)
- 27) 16:45 Literacy and symptom mitigation strategies of people living in urban Nigeria**
Oluwaseun Oyemade (University of Helsinki, Finland)
- 28) 16:55 A needs assessment of hospital pharmacists for pharmacy specialisation in Canada**
Jonathan Penm (University of Cincinnati, USA)
- 29) 17:05 Implementation of national standard treatment guidelines leads to small improvements in prescribing patterns in Swaziland**
Sara Padidar (Management Sciences for Health, Swaziland)
- 30) 17:15 Learning international healthcare and medication use via videoconference**
Hsiang-Wen Lin (China Medical University, China Taiwan)
- 17:25 Conclusion by the Chair**

THURSDAY 1 OCTOBER 2015

B1 (ACPE): “GETTING PERSONAL”: PHARMACOGENOMICS AT THE CROSSROADS OF PRACTICE AND SCIENCE

Organised by the FIP Programme Committee

Thursday 1 October 2015, 09:00 – 12:00

Duration: 3h

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe how genetic variations impact the efficacy of molecular targeted drugs.
2. Identify inter-individual differences in efficacy of drug interventions.
3. Explain the concept of implementing personalised medicine strategies based on genetic variations.
4. Distinguish the value of pharmacists participating in the development of novel personalized medicine strategies.

CHAIRS

Giovanni Pauletti (University of Cincinnati, USA) and Hiroshi Suzuki (University of Tokyo, Japan)

PROGRAMME

1) 09:00 Introduction by the Chair

2) 09:05 Pharmacogenomics: from discovery to clinical practice

Julie Johnson (University of Florida, USA)

3) 09:45 Clinical manifestations of relevant inter-individual differences in drug response

Katsushi Tokunaga (University of Tokyo, Japan)

10:25 Break

4) 10:40 The genetic, cellular and molecular basis of idiosyncratic drug toxicity

Kevin Park (Institute of Translational Medicine at the University of Liverpool, UK)

5) 11:20 Diagnostic tools to effectively implement personalised medicine strategies

Mariangela Russo (Institute of Cancer Research and Treatment, Italy)

THURSDAY 1 OCTOBER 2015

D4 (ACPE): QUALITY ASSURANCE IN A GLOBAL CONTEXT - NEW WAYS, NEW METHODS FOCUS ON SCIENCE & INDUSTRY

Organised by FIPED EDT

Thursday 1 October 2015, 9:00 – 12:00

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Explain the role of accreditors and regulators in establishing standards and maintaining quality of education and service delivery.
2. Describe the purpose of the FIP Global Framework for Quality Assurance of Pharmacy Education.
3. Check the role quality indicators play in assuring the quality of pharmaceutical care services.
4. Describe examples of transnational initiatives and activities to assure and advance quality of pharmacy education.

CHAIRS

Mike Rouse (FIPED EDT Education Lead for Quality Assurance, USA) and Lilian Azzopardi (University of Malta, Malta)

PROGRAMME

1) 09:00 Introduction

Marshall Moleschi (Ontario College of Pharmacists, Canada), Bronwyn Clark (Australian Pharmacy Council, Australia)

2) 09:45 Developing a Quality Assurance Framework – global applications

Mike Rouse (FIPED EDT Education Lead for Quality Assurance, USA)

10:25 Break

3) 10:40 Quality indicators: the European Directorate for the Quality of Medicines Project

Olga Grintsova (Ukraine), Zinaida Bezverhni (Moldova)

4) 11:20 Quality assurance without borders: examples of transnational collaboration

I. Certification of JSS University, India by the Accreditation Council for Pharmacy Education

- a) Mike Rouse (Accreditation Council for Pharmacy Education, USA)
- b) Bhojraj Suresh (Jagadguru Sri Shivarathreeswara - JSS University, India)

II. Accreditation of Qatar University by the Canadian Council for Accreditation of Pharmacy Programs

- a) Wayne Hindmarsh (Canadian Council for Accreditation of Pharmacy Programs, Canada)
- b) Ayman Ouda El-Kadi (College of Pharmacy, Qatar)

III. Transnational initiatives in Europe to assure and advance the quality of pharmacy education

Lilian Azzopardi (European Association of Faculties of Pharmacy, Malta)

5) 11:50 Questions, answers and final announcements

THURSDAY 1 OCTOBER 2015

D5 – D6: USING DATABASE - ENSURING EVIDENCE-BASED MEDICINES USE

Organised by the FIP Community Pharmacy Section, the FIP Academic Pharmacy Section and the FIP Health and Medicines Information Section

D5: INFORMATION MASTERY

Thursday 1 October 2015, 09:00 – 12:00

Duration: 3h

Room 2

LEARNING OBJECTIVES

Application-based session

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

1. Define and describe the essential characteristics of Information Mastery.
2. Research how Information Mastery can be a great time-saving device yet allowing the pharmacist to retrieve high quality EBP material relevant to one's own practice.
3. Detect high quality science-driven data resources, both subscription and non-subscription based.
4. Judge how each data resource is somewhat unique in its focus and characteristics.
5. Choose how to incorporate Information Mastery into curricula.
6. Perform in real time how Information Mastery works using their own portable electronic devices.

CHAIRS

Luis Lourenco (FIP CPS, Portugal) and P.T. Thomas (Taylor's University, Malaysia)

PROGRAMME

1) 09:00 Information Mastery overview: how Information Mastery (time efficient) differs from critical appraisal skills (time intensive)

Vimal Kishore (Xavier University of Louisiana, USA)

2) 09:30 Preparing a database to provide on-the-minute updated information about medicines/health products

Sandra Lino (Associação Nacional das Farmácias, Portugal)

10:30 Break

3) 10:50 Hands on demonstration of the use of high quality Information Mastery resources, including participation by the attendees

Timothy Chen (The University of Sydney, Australia)

D6: EVIDENCE-BASED PRACTICE SKILLS

Thursday 1 October 2015, 14:30 – 17:30

Duration: 3h

Room 2

LEARNING OBJECTIVES

Application-based session

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

1. Identify most common barriers to EBP.
2. Check region/practice-specific barriers to EBP.
3. Advocate how social, cultural, and religious beliefs can modulate EBP.
4. Identify skills needed to overcome barriers to EBP.
5. Analyse how to partner with patients in practising EBP.
6. Evaluate which barriers and barrier overcoming strategies are best suited to one's own education and practice environment.

CHAIRS

Luis Lourenco (FIP CPS, Portugal) and P.T. Thomas (Taylor's University, Malaysia)

PROGRAMME

1) 14:30 Barriers to EBP

Greg Duncan (Monash University, Australia)

2) 15:00 Techniques for empowering the pharmacist: skills to practise EBP

Safeera Hussainy (Monash University, Australia)

15:45 Break

3) 16:00 Educational strategies to overcome barriers to EBP: model for an environment with limited resources

P.T. Thomas (Taylor's University, Malaysia)

4) 16:50 Workshop and panel discussion / Q & A

THURSDAY 1 OCTOBER 2015

D11: SPECIALISATION IN PHARMACY - PROFESSIONAL RECOGNITION IN THE EUROPEAN UNION

Organised by the FIP Clinical Biology Section, the FIP Hospital Pharmacy Section and the FIP SIG on Translational Research and Individualised Medicines

Thursday 1 October 2015, 09:00 – 12:00

Duration: 3h

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Identify the purposes of European Directives 2005/36/EC and 2013/55/EU.
2. Define the importance of pharmacy specialisation and its impact on practice.
3. Define the hospital pharmacy example and the directive implication on practice.
4. Compare the clinical biology and laboratory medicine in Europe and the directive challenge on professional mobility.
5. Identify how pharmacy graduates can specialise in different practice environments: clinical chemistry case-study.
6. Compare the various pharmacy residency programmes available in the USA.

CHAIR

Sónia Faria (FIP CBS, Portugal)

PROGRAMME

1) 09:00 Challenges of hospital professional qualifications in Europe

Jacqueline Surugue (FIP HPS, France)

2) 09:35 Laboratory medicine pharmacists in Europe

Simone Zarah (European Federation of Laboratory Medicine, France)

10:10 Break

3) 10:30 Laboratory medicine in the USA

Majid Moridani (Medical College of Wisconsin, USA)

4) 11:05 Pharmacy residency programme in the USA

Lynn Crismon (University of Texas at Austin, USA)

5) 11:40 Open table discussion

THURSDAY 1 OCTOBER 2015

B3 (ACPE): “TO EAT OR NOT TO EAT”: HOW DOES FOOD IMPACT DRUG EFFICACY?

Organised by the FIP Programme Committee

Thursday 1 October 2015, 12:30 – 14:00

Duration: 1h30

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. List positive and negative consequences of food-drug interactions on oral absorption.
2. Explain the effect of high fat meals on oral bioavailability of drugs with low aqueous solubility.
3. Distinguish clinically relevant alterations in drug absorption induced by nutrients.
4. Defend the importance of food-drug interaction counselling for effective drug management.

CHAIRS

Giovanni Pauletti (University of Cincinnati, USA) and Hiroshi Suzuki (University of Tokyo, Japan)

PROGRAMME

1) 12:30 Effect of food on clinical drug efficacy

Abdul Basit (University College of London, UK)

2) 13:00 Solubility-enhancing consequences induced by food components

Giovanni Pauletti (University of Cincinnati, USA)

3) 13:30 Variability in oral bioavailability and lymphatic transport of poorly water soluble, lipophilic drugs

Natalie Trevaskis (Monash University, Australia)



THURSDAY 1 OCTOBER 2015

D12: NAVIGATING THE TRANSITION - FROM SCIENCE-BASED EDUCATION TO PRACTICE

Organised by the International Pharmaceutical Students' Federation (IPSF)

Thursday 1 October 2015, 12:30 – 14:00

Duration: 1h30

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the challenges and opportunities involved in implementing scientific innovation to practice from the model academic environment to young professionals in their fields.
2. List opportunities for creating progressive personalised education from the perspectives of educators, pharmacy students, practising pharmacists and industry leaders.
3. Identify the features of high-impact tools in the provision of patient-centred pharmaceutical care paving the path towards self-directed professional excellence.
4. Evaluate new tools geared for optimising pharmaceutical care in practice (i.e. technological innovations) for important key features such as usability, reliability, engagement of patient accountability, and comprehensiveness in addressing targeted issues.
5. Describe ways to become more self-directed in shaping professional excellence in their own field of practice (i.e. emotional intelligence management).

CHAIRS

Brittany Mani (IPSF, USA) and Parand Akhavan (IPSF, The Netherlands)

PROGRAMME

1) 12:30 Introduction by the Chair

Brittany Mani (IPSF, USA)

2) 12:40 Navigating the transition between scientific-practice in academia to differing professional fields - challenges and opportunities

THURSDAY 1 OCTOBER 2015

E4 (ACPE): PHARMACEUTICALS AND THE ENVIRONMENT - HOW GREEN CAN WE BE?

Organised by the FIP Boards of Pharmaceutical Practice and Pharmaceutical Sciences

Thursday 1 October 2015, 12:30 – 14:00

Duration: 1h30

Room 2

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the latest development of environment and pharmaceuticals issue.
2. Approve their professional role in the entire medication-use process – from prescription to waste.
3. Translate the existing knowledge in their professional environment.

CHAIR

Eeva Teräsalmi (FIP, Finland)

PROGRAMME

1) 12:30 Update of the global overview on the issue of pharmaceuticals and the environment

Ina Ebert (The German Federal Environmental Agency, Germany)

2) 12:50 Pharmacists' opportunities and responsibilities in green pharmacy practice

Eeva Teräsalmi (FIP, Finland)

3) 13:10 Education and existing platforms of pharmaceutical education in environmental issues

Niklas Sandler (Abo Akademi University, Finland)

4) 13:30 The role of the United Nations

Mirjana Milic (United Nations Development Programme, Turkey)

5) 13:50 Q & A

THURSDAY 1 OCTOBER 2015

E12: SUSTAINABLE REMUNERATION

Organised by the FIP Bureau

Thursday 1 October 2015, 12:30 – 14:00

Duration: 1h30

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Compare the different models for the payment of community pharmacy services.
2. Identify the different models for the payment of hospital pharmacy services.
3. Advocate strategies based on the translation of the key aspects of models.

CHAIRS

Dennis Helling (University of Colorado, USA)

PROGRAMME

1) 12:30 Introduction by the Chair

2) 12:40 Overview of the findings – community pharmacy

Dominique Jordan (FIP CPS, Switzerland)

3) 13:00 Overview of the findings – hospital pharmacy

Jacqueline Surugue (FIP HPS, France)

4) 13:20 New remuneration model in Australia – the Sixth Community Pharmacy Agreement

Paul Sinclair (FIP CPS, Australia)

5) 13:35 Translating these findings into strategy and policies: a panel discussion

Andrew Gray (FIP, South Africa)

THURSDAY 1 OCTOBER 2015

MO1: PRESENTATIONS BY FIP MEMBER ORGANISATIONS

Organised by FIP

Thursday 1 October 2015, 12:30 – 14:00

Duration: 1h30

Room 16/17

CHAIR

Isabelle Adenot (FIP, France)

PROGRAMME

1) 12:30 Health check-up in Swedish pharmacies

Marianne Norelius (Swedish Pharmacists Association, Sweden)

2) 13:00 Post-marketing quality surveillance of medicines dispensed by Belgian pharmacists

Sophie Sarre (Association Pharmaceutique Belge, Belgium)

3) 13:30 Pharmacy Practice Regulations 2015: a milestone for pharmacy practice development in India

Manjiri Gharat (Indian Pharmaceutical Association, India)



THURSDAY 1 OCTOBER 2015

B2 (ACPE): REDUCING INTER-INDIVIDUAL VARIABILITY: THE POWER OF A PRACTITIONER/SCIENTIST TEAM APPROACH

Organised by the FIP Programme Committee

Thursday 1 October 2015, 14:30 – 17:30

Duration: 3h

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the contribution of intestinal transporters to inter-individual variability in oral bioavailability.
2. Define pharmacokinetic approaches to delineate non-genetic causes underlying inter-individual variability in oral bioavailability.
3. Analyse the impact of comorbidities on transporter-mediated inter-individual variability in oral bioavailability.
4. Detect the value of pharmacists documenting inter-individual variability in pharmacokinetic behaviour of drugs.

CHAIRS

Giovanni Pauletti (University of Cincinnati, USA) and Hiroshi Suzuki (University of Tokyo, Japan)

PROGRAMME

1) 14:30 Introduction by the Chair

2) 14:35 Current status of personalised platelet inhibitor treatment in cardiology

Dietmar Trenk (University of Freiburg, Germany)

3) 15:10 Effect of gastrointestinal surgery on oral absorption

Trevor Johnson (Certara, UK)

15:45 Break

4) 16:00 Impact of lymphatic transport on post-prandial oral bioavailability

Natalie Trevaskis (Monash University, Australia)

5) 16:35 Novel strategies for reducing inter-individual variability in oral absorption

Giovanni Pauletti (University of Cincinnati, USA)

6) 17:10 Panel discussion

THURSDAY 1 OCTOBER 2015

D9 (ACPE): INTERPROFESSIONAL AND TRANSFORMATIVE PHARMACY EDUCATION: A NEW BEGINNING

Organised by FIPed and the FIP Academic Pharmacy Section

Thursday 1 October 2015, 14:30 – 17:30

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Explain what is meant by 'inter-professional education' (IPE) in a modern context, including reference to science and practice across professions.
2. List the major findings from the FIPed 2015 Technical Report.
3. Describe WHO Transformative Education Guidelines.
4. Describe examples of inter-professional education in practice, including examples of "science into practice, and practice through science".
5. Analyse the implementation and consequences of inter-professional education in pharmaceutical education practice.
6. List barriers to achieving true inter-professional education.

CHAIRS

Tina Brock (FIPed, USA) and John Pieper (FIP APS and AIM, USA)

PROGRAMME

1) 14:30 IPE is hard – why do it? Where is the evidence that it makes a difference to practice?

Jill Boone (FIPed, USA)

2) 14:50 What works and where for IPE – case studies and examples from nations and professions

Benny Effendie (Malaysia), Richard Adome (Uganda)

3) 15:20 Workshop activity

16:00 Break

4) 16:10 WHO update on transforming healthcare education

Rebecca Bailey (IntraHealth and WHO Technical Working Group Expert, USA/Switzerland), Andreia Bruno (FIPed and WHO Technical Working Group Expert, Portugal)

5) 17:00 FIPed vision for educational development – feasibility, practicality, usefulness (debate)

Ian Bates (FIPed, UK)

THURSDAY 1 OCTOBER 2015

E16: FIP-WHO SESSION - HEALTH PROMOTION: ROLE OF PHARMACISTS

Organised by the FIP Bureau

Thursday 1 October 2015, 14:30 – 17:30

Duration: 3h

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Explain what is health promotion expected by society from community pharmacy.
2. Describe the importance of advocacy of the role of pharmacists in health promotion.
3. Outline case-examples of national health promotion activities by national pharmacists' organisations.
4. Outline case-examples of health promotion in daily practice from different countries.

CHAIR

Sabine Kopp (WHO, Switzerland)

PROGRAMME

1) 14:30 Introduction by the chair

Sabine Kopp (WHO, Switzerland)

2) 14:35 Health promotion: a global perspective on the role of pharmacists

Kwok-Cho Tang (WHO, Switzerland)

3) 15:15 Health promotion: example of a national association taking the lead

15:55 Break

4) 16:15 Health promotion in daily practice: example of a community pharmacy

5) 16:55 Panel discussion

FRIDAY 2 OCTOBER 2015

E9 (ACPE): FINDING THE HUMANITARIAN FACE OF PHARMACY

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

Friday 2 October 2015, 07:15 – 08:45

Duration: 1h30

Room 6

LEARNING OBJECTIVES

Application-based session

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

1. Research the role of the pharmacist in emergency situations.
2. Identify the requirement for unique policies and procedures in these situations.
3. Plan the framework required for pharmacist involvement and collaboration in a humanitarian effort.
4. Advocate how pharmacists may become involved in humanitarian projects.

CHAIR

Warren Meek (FIP CPS, Canada)

PROGRAMME

Light breakfast until 07:40

1) 07:45 My experiences in Haiti

Diane Lamarre (Pharmacists without Borders, Canada)

2) 08:15 Health Care in Danger: moving to solutions

Bruce Eshaya-Chauvin (Medical Adviser/Health Care in Danger Project International Committee of the Red Cross - ICRC)

FRIDAY 2 OCTOBER 2015

A7: CANCER IMMUNOTHERAPY: USING DRUGS AND CELLS TO EXPLOIT OUR IMMUNE SYSTEMS

Organised by the FIP Hospital Pharmacy Section, the FIP Clinical Biology Section and the FIP SIG on Pharmacokinetics/Pharmacodynamics & Systems Pharmacology

Friday 2 October 2015, 09:00 – 12:00

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe current research and evidence supporting approaches to using antibodies, direct cell-based transfers, and vaccines to treat cancer.
2. Identify the developmental challenges to bringing vaccine and cell-based immunotherapy to the patient bedside.
3. Describe how translational approaches (such as mathematical and new experimental models) could be leveraged as evidence to expedite the development of promising immunotherapies.
4. Identify the key issues associated with bringing these therapies into clinical formularies.

CHAIRS

Donald Mager (FIP Programme Committee and FIP SIG on PK/PD & Systems Pharmacology, USA) and Jim Stevenson (University of Michigan, USA)

PROGRAMME

1) 09:00 Targeting programmed cell death-1 (PD-1)

R. Donald Harvey (Emory University, USA)

2) 09:40 Bispecific T-cell engaging antibodies for cancer therapy

Andreas Wolf (Amgen Research, Germany)

10:20 Break

3) 10:40 Translational modelling of anti-cancer vaccines

Iñaki Troconiz (University of Navarra, Spain)

4) 11:20 Implementation of cell-based therapies in clinical practice

Ross McKinnon (Flinders University, Australia)

FRIDAY 2 OCTOBER 2015

B4: HOW TO USE SURVEYS TO GENERATE LOCALLY RELEVANT EVIDENCE THROUGH PRACTICE - AN INTERACTIVE WORKSHOP

Organised by the FIP Academic Pharmacy Section and the FIP SIG on Regulatory Sciences

Friday 2 October 2015, 09:00 – 12:00

Duration: 3h

Room 3

LEARNING OBJECTIVES

Application-based session

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

1. Research various types of survey studies relevant to pharmacy practice.
2. Classify the various steps in survey research.
3. Compare various types of survey instruments and survey questions, and their advantages and limitations.
4. Organise various types of sampling and survey validation techniques.
5. Choose the best survey design applicable to one's own study.

CHAIR

Vimal Kishore (Xavier University of Louisiana, USA)

PROGRAMME

1) 09:00 Survey research design: why survey designs matter

Parisa Aslani (The University of Sydney, Australia)

2) 09:30 Survey studies: advantages and limitations

Carl Schneider (The University of Sydney, Australia)

10:00 Break

3) 10:20 Steps in survey research: developing and validating the survey instrument

Anandi Law (Western University of Health Sciences, USA)

4) 11:00 Interactive workshop

Coordinator: Vimal Kishore (Xavier University of Louisiana, USA)

FRIDAY 2 OCTOBER 2015

C1 (ACPE): PATIENT-FRIENDLY DRUG DEVELOPMENT?

Organised by the FIP Programme Committee

Friday 2 October 2015, 09:00 – 12:00

Duration: 3h

Room 16/17

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the challenges involved in achieving an effective and clinically meaningful level of innovation.
2. Identify the tensions generated by the differing needs of regulators and payers.
3. List opportunities for patients to be more involved in the design of clinical trials.
4. Evaluate clinical trial documents for their “patient friendliness”.

CHAIRS

Linda Hakes (FIP IPS, Germany) and Betty Chaar (University of Sydney, Australia)

PROGRAMME

1) 09:00 Introduction by the Chair

2) 09:10 Challenges in the search for new medicines

Lode Dewulf (UCB, Belgium)

3) 09:45 Clinical trials with a human touch

Jean Paty (Quintiles, USA)

10:20 Break

4) 10:35 Can we put a price on the value of innovation?

Allan Wailoo (University of Sheffield, UK)

5) 11:10 Vision of the future

Marc Boutin (International Alliance of Patients' Organizations, USA)

6) 11:45 Panel discussion, summary and closure

FRIDAY 2 OCTOBER 2015

D7 – D8 (ACPE): MEDICINES OPTIMISATION: AROUND THE GLOBE (PART 1) & MEDICINES OPTIMISATION: CPS VISION 2020 (PART 2)

Organised by the FIP Community Pharmacy Section

Friday 2 October 2015, 09:00 – 12:00, 12:30 - 14:00

Duration: 4h30 (3h and 1h30)

Room 2

LEARNING OBJECTIVES

Application-based session

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

1. Identify the drivers for optimising the use of medicines such as the economic challenges, increased use of technology and technologically advanced medicines, problems around waste and safety, demographic changes, changes in healthcare infrastructure, and quality, innovation, productivity and prevention.
2. Explain what we mean by medicines optimisation.
3. Identify the evidence base underpinning the need to optimise the use of medicines.
4. Identify models/methods/frameworks from all continents on how to work with medicines optimisation.
5. Identify how medicines optimisation is a part of the CPS Vision 2020.

CHAIR

Lars-Åke Söderlund (FIP CPS, Sweden)

PROGRAMME PART 1 D7: MEDICINES OPTIMISATION - AROUND THE GLOBE

1) 09:00 Medicines optimisation in Asia

Manjiri Gharat (Indian Pharmaceutical Association, India)

2) 09:30 Medicines optimisation in Europe

Ash Soni (The Royal Pharmaceutical Society, UK)

3) 10:00 Medicines optimisation in America

Lawrence “LB” Brown (American Pharmacists' Association, USA)

10:30 Break

4) 11:00 Medicines optimisation in Africa

Johann Kruger (Pharmaceutical Society of South Africa, South Africa)

5) 11:30 Medicines optimisation in Australia

Paul Sinclair (NSW Branch of the Pharmacy Guild of Australia, Australia)

PROGRAMME PART 2 D8: MEDICINES OPTIMISATION – CPS VISION 2020

12:30 The CPS Vision 2020, and how medicines optimisation is part of the vision

Ema Paulino (FIP, Portugal)

FRIDAY 2 OCTOBER 2015

E6: DISASTER SITUATIONS – DEALING WITH THE PERSONAL AFTERMATH

Organised by the FIP Military & Emergency Section

Friday 2 October 2015, 09:00 – 12:00

Duration: 3h

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Identify the signs of stress when working on deployment.
2. Identify strategies for dealing with deployment related stress.
3. Identify mental, physical and emotional issues associated with deployments.
4. Describe how to reduce the effects of mental, physical and emotional stress associated with deployments.
5. Describe the benefits of having pharmacologic guidelines for deployments.
6. Locate practical solutions to solving issues arising from deployments.

CHAIRS

Eiko Kobayashi (Japanese Red Cross, Japan) and Wendy Walker (FIP MEPS, Australia)

PROGRAMME

- 1) 09:00 Mental health issues associated with deploying - looking after yourself**
Hanna Morrissey (Charles Darwin University, Australia)
- 2) 09:40 Reducing stress for deployed pharmacists - producing guidelines on managing pharmacologistics in deployed situations**
Trudi Hilton (FIP MEPS, UK)
- 10:20 Break**
- 3) 10:40 Issues arising on a deployment - practical solutions**
Eiko Kobayashi (Japanese Red Cross, Japan)
- 4) 11:20 Development and research of a novel anti-infective and analgesic medicine XJND1201 for treatment of burns and wounds**
Jia Yan-Yan (Fourth Military Medical University of CPLA, China)

FRIDAY 2 OCTOBER 2015

E11: ROUNDTABLE DISCUSSION ON PROPOSED MANUFACTURING CLASSIFICATION SYSTEM

Organised by the FIP Industrial Pharmacy Section and the FIP SIG on Formulation Design and Pharmaceutical Technology

Friday 2 October 2015, 12:30 – 14:00

Duration: 1h30

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the advantages and disadvantages of an MCS.
2. Identify the steps to establish an MCS and gain acceptance within the industry.
3. Describe the potential uses of an MCS in the development of new products.
4. Outline the characteristics of drugs and formulations that should be considered when selecting a manufacturing process.

CHAIRS

Linda Hakes (FIP IPS, Germany) and Giovanni Pauletti (FIP SIG on Formulation Design and Pharmaceutical Technology, USA)



FRIDAY 2 OCTOBER 2015

**E13 (ACPE): EMERGENT DISEASES: EBOLA -
WHAT PHARMACISTS CAN DO**

Organised by the FIP Programme Committee

Friday 2 October 2015, 12:30-14.00

Duration: 1h30

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe how FIP can produce useful resources and contacts in managing emergent diseases.
2. Describe how FIP advisories can be applied at a national level.
3. Identify the role of pharmacy in managing Ebola virus disease.

CHAIR

Jane Dawson (FIP MEPS, New Zealand)

PROGRAMME

1) 12:30 Introduction by the Chair

2) 12:40 Development of the FIP Advisory

Aldo Alvarez-Risco (Peru)

3) 13:10 Actual experience of dealing with Ebola

Mohamed Conteh-Barrat (Sierra Leone)

4) 13:50 Conclusion

FRIDAY 2 OCTOBER 2015

**MO2: PRESENTATIONS BY FIP MEMBER
ORGANISATIONS**

Organised by FIP

Friday 2 October 2015, 12:30 – 14:00

Duration: 1h30

Room 16/17

CHAIR

Eduardo Savio (FIP, Uruguay)

PROGRAMME

1) 12:30 Russian system of pharmaceutical provision: current status and future aspects

Roza Yagudina (Moscow Pharmaceutical Society, Russia)

2) 13:00 Policy and activities developed by RPS to contribute to antimicrobial resistance government policy

Helen Gordon (Royal Pharmaceutical Society, UK)

3) 13:30 Vaccination programmes by community pharmacists in Australia

Paul Sinclair (Pharmacy Guild of Australia, Australia)



FRIDAY 2 OCTOBER 2015

A3: COMPLEMENTARY AND HERBAL MEDICINES: FROM LAB TO COMMUNITY

Organised by the FIP Academic Pharmacy Section, the FIP SIG on Natural Products and the FIP Young Pharmacists' Group

Friday 2 October 2015, 14:30 – 17:30

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. State standpoints and roles of WHO for establishment of classification of diseases relevant to traditional medicines.
2. Distinguish characteristics of traditional medicines and conventional medicines.
3. Contrast the current status of traditional medicines in advanced and developing countries.
4. Define the degree to which complementary and alternative medicines influence pharmacy practice in various parts of the world.
5. Explain importance of integration of traditional medicine with conventional (modern) medicine.

CHAIRS

Michiho Ito (Kyoto University, Japan) and Vimal Kishore (Xavier University of Louisiana, USA)

PROGRAMME

1) 14:30 Compilation of a new chapter of ICD-11 for traditional medicines performed in China, Japan and Korea
Nenad Kostanjsek (WHO, Switzerland)

2) 15:10 Traditional medicines in African countries and their combinatorial use with modern medicine
Sandra van Dyk (North West University, South Africa)

15:50 Break

3) 16:10 Complementary and alternative medicines from the Far East and their role in modern medicine
Ibrahim Jantan (University of Kebangsaan, Malaysia)

4) 16:50 Medical plants endogenous to Kurdistan, Iraq, and their uses
Hazhan Mohammed Hama Ali (FIP YPG, Iraq)

FRIDAY 2 OCTOBER 2015

B6: COMPOUNDING - A CORE COMPETENCE OF THE PHARMACIST

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

Friday 2 October 2015, 14:30 – 17:30

Duration: 3h

Room 3

LEARNING OBJECTIVES

Knowledge-based session

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

1. Identify how to manage quality assurance in different dosage forms referring to specific patient groups or specific indications.
2. Detect the significance of hygienic measurements to assure the microbiological quality of individual preparations.
3. Distinguish different national experiences in external quality control in the context of a pharmaceutical quality management system related to retail pharmacies.
4. Judge the benefit of a risk-based approach to preparation, in-process controls and quality testing.
5. Identify benefits from cooperation between pharmacist and prescriber in compounding.

CHAIRS

Karin Graf (ABDA, Germany) and Holger Reimann (DAC/NRF, Germany)

PROGRAMME

1) 14:30 Introduction
Sola Solarin (FIP IPS, United Kingdom)

2) 14:35 Quality assurance in different dosage forms, patient groups and indications
a. Compounding for opioid replacement therapy, e.g. methadone preparation
Andreas Schmid (pharmasuisse, Switzerland)
b. Compounding for diseases of the eyes, nose and ears
Laurens Schulpen (Apotheek Woerden, The Netherlands)

3) 15:15 Assuring the microbiological quality of individual preparations
Lisa Britta Schlegel (Zentrallaboratorium, Germany)

15:55 Break

4) 16:10 External quality control and certification of the pharmaceutical quality management system - the German way
Mona Tawab (Zentrallaboratorium, Germany)

5) 16:50 To the best interest of the patient: pharmacist/prescriber cooperation in compounding
Maria Carvalho (Professional Compounding Centers of America - PCCA, Portugal)

FRIDAY 2 OCTOBER 2015

C2 (ACPE): PATIENT-CENTRED CARE IN A WORLD OF INNOVATION AND PROGRESS?

Organised by the FIP Programme Committee

Friday 2 October 2015, 14:30 – 17:30

Duration: 3h

Room 16/17

LEARNING OBJECTIVES

Knowledge-based session

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

1. List the humanistic repercussions of progress in medicines on pharmacy practice and patient-centred care.
2. Identify new dimensions of challenges to traditional pharmacy practice, such as different forms of spirituality, religiosity and beliefs that can impact on medicine taking and compliance.
3. Identify the current and projected scope of pharmacogenomics in the practice of pharmacy.
4. Identify and describe new methods of promoting and monitoring compliance in patient-centred care.
5. Express specific requests and respect patient autonomy in pharmacy practice.

CHAIRS

Linda Hakes (FIP IPS, Germany) and Betty Chaar (University of Sydney, Australia)

PROGRAMME

1) 14:30 Introduction by the Chair

Nenad Kostanjsek (WHO, Switzerland)

2) 14:45 Pharmacogenetics: tailoring medicines to the physical needs of patients

Sandra van Dyk (North West University, South Africa)

3) 15:15 Technology in medicine-taking: new technologies tracking compliance and administration

Pernille Dam (Pharmakon, Denmark)

15:45 Break

4) 16:00 Religiosity and spirituality: medicine taking and human beliefs

Yolanda Robles (University of Philippines, Philippines)

5) 16:30 Autonomy or best interests: how do we reconcile the two major principles in bioethics?

Joy Wingfield (University of Nottingham, UK)

6) 17:00 Q & A, panel discussion, summary & closure

FRIDAY 2 OCTOBER 2015

E7 (ACPE): CREATING PROGRESS THROUGH INNOVATIVE POLICY DECISIONS IN EMERGENCY SITUATIONS

Organised by the FIP Military & Emergency Pharmacy Section

Friday 2 October 2015, 14:30 – 17:30

Duration: 3h

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Outline how policy decisions flow on into practice.
2. Identify new ways of implementing effective practice.
3. Identify practical relationship-building techniques that will help build an inspired pharmacy team.
4. Adopt the vital importance of the pharmacy leader's role in creating a culture of optimism.
5. Explain why highly effective leadership requires a commitment to continuous learning.

CHAIRS

Sylvain Grenier (Canadian Forces, Canada) and Zheng-Yu Chen (CPLA, China)

PROGRAMME

1) 14:30 Bundeswehr pharmacy regulations, standards and inspections

Matthias Meyer (Bundeswehr, Germany)

2) 15:00 Strategic reorientation in the production of pharmaceuticals within the Bundeswehr Medical Service

Christian Froben (Bundeswehr, Germany)

15:30 Break

3) 15:45 The age of big data: the opportunity of military drug policy evaluation and decision support technology

Shu Li-Xin (CPLA, China)

4) 16:15 Building and inspiring a powerful pharmacy team

Mark Brouker (US Armed Forces, USA)

5) 16:45 MEPS discussion panel: Professional scopes of practice within a military pharmacy

a. Who conducts professional activities in your military pharmacy? (pharmacist, technician, medic, nurse, etc.)

b. What activities can they conduct?

c. How are these activities regulated? (federal/state, military, other laws and regulations)

Sylvain Grenier (Canadian Forces, Canada)

FRIDAY 2 OCTOBER 2015

D3 (ACPE): ADVANCING PRACTICE THROUGH STRATEGIC WORKFORCE DEVELOPMENT IN COMMUNITY AND HOSPITAL SETTINGS

Organised by the FIP Hospital Pharmacy Section and FIPed (AIM, EDT)

Friday 2 October 2015, 14:30 – 17:30

Duration: 3h

Room 2

LEARNING OBJECTIVES

Knowledge-based session

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

1. Outline current pharmacy practices in the context of the Global Competency Framework and the FIP Basel Statements and how they are interlinked.
2. Explain how to apply continuing professional development principles for workforce development using the global competency framework.
3. Explain the concept of advanced competencies and determine the need for global advanced pharmacy practice.
4. Express the role of advanced competency frameworks in workforce development.
5. Describe how workforce performance can be linked to professional development and appreciate the importance of better workforce planning for better patient care.
6. Define how performance can be measured in the workplace in order to develop strategies for advancement

CHAIRS

Rebekah Moles (The University of Sydney, Australia) and Ian Bates (FIPed, UK)

PROGRAMME

- 1) **14:30 The global competency framework, the Basel Statements and a need to develop advanced competencies – is a global framework achievable?**
Andreia Bruno (FIPed, Portugal)
- 2) **14:45 Current issues regarding competency based training and assessment - a focus on the Eastern Mediterranean region**
Dalia Bajis (The University of Sydney, Australia)
- 3) **15:00 Advanced competency - evidence, practice and case studies - report launch**
Kirstie Galbraith (Monash University, Australia)
 - a. **The Australian experience of development and introduction of a formal pathway to advanced practice recognition**
Bronwyn Clark (Australian Pharmacy Council, Australia)
 - b. **Singapore – developing specialities in a new health context**
Lita Chew (Ministry of Health, Singapore)

14:45 Break

c. UK – developing a ‘Royal College’ approach to professional recognition

Catherine Duggan (Royal Pharmaceutical Society, UK)

d. Global assessment of advancement of hospital pharmacy practice according to FIP’s Basel Statements

Stephen Eckel (The University of North Carolina, USA)

e. e-Learning projects available for developing countries

Pascal Bonnabry (University Hospital of Geneva, Switzerland)

5) 16:55 Workforce performance: linking individual development - using continuing professional development principles - with workforce performance: better training for better health (in partnership with WHO/WB)

Ian Bates (FIPed, UK)



SATURDAY 3 OCTOBER 2015

A4 (ACPE): MEDICATION REVIEW - THE WHAT AND THE HOW

Organised by the FIP Community Pharmacy Section

Saturday 3 October 2015, 09:00 – 12:00

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe different types of medication review.
2. Describe community pharmacists' involvement in medication reviews.
3. Explain skills and knowledge that are required for performing different types of medication review.
4. Outline the main steps of a medication review.
5. Investigate the role of a multidisciplinary team.
6. Describe the evidence regarding the different services.

CHAIRS

Nina Griese (ABDA, Germany) and Foppe van Mil (Van Mil Consultancy, The Netherlands)

PROGRAMME

1) 09:00 Introduction by the Chair

2) 09:05 Medication review - the PCNE definition, different types and examples of applied science characteristics

Kurt Hersberger (University of Basel, Switzerland)

3) 09:30 Medicines Use Review (MUR) in the United Kingdom

Cristín Ryan (Queen's University Belfast, N. Ireland)

4) 09:55 ARMIN – a medication management service in Germany

Christiane Eickhoff (ABDA, Germany)

10:20 Break

5) 10:35 Clinical medication review in the Netherlands

Foppe van Mil (Van Mil Consultancy, The Netherlands)

6) 11:00 Home Medicines Review (HMR) in Australia

Timothy Chen (The University of Sydney, Australia)

7) 11:25 Medication Therapy Management (MTM) Services

Lawrence Brown (Chapman University, USA)

8) 11:50 Discussion

SATURDAY 3 OCTOBER 2015

C3: FORUM FOR INNOVATORS - IMPLEMENTING AND REMUNERATING PHARMACEUTICAL SERVICES FOR CHRONIC DISEASES

Organised by the FIP Community Pharmacy Section

Saturday 3 October 2015, 09:00 – 12:00

Duration: 3h

Room 16/17

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the various pharmaceutical services directed to patients with chronic diseases.
2. Analyse the key strategies and interventions that lead to successfully designing a programme for these chronic disease patients.
3. Advocate, based on research evidence, the elements and resources required for the implementation programme.
4. Evaluate the payments systems for simple to complex programmes directed to patients with a chronic disease.
5. Identify the types of health policy associated as drivers of these programmes.

CHAIRS

Charlie Benrimoj (University of Technology Sydney, Australia) and Charlotte Rossing (Pharmakon, Denmark)

PROGRAMME

1) 09:00 Introduction by the Chairs

2) 09:10 Case study from South America: chronic disease management services in South America

Victoria Hall Ramirez (University of Costa Rica, Costa Rica)

3) 09:30 Case study from Serbia

Mika Simisic (Subotica Pharmacy, Serbia)

4) 09:50 Case study from Spain: planning for chronic disease programmes

Daniel Sabater Hernandez (University of Granada and University of Technology Sydney, Australia)

5) 10:10 Pharmaceutical services for patients with chronic diseases: an international perspective of design, strategies and interventions

Ash Soni (Royal Pharmaceutical Society, UK)

6) 11:10 Roundtable discussion: what we can share and learn from others?

Charlie Benrimoj (University of Technology Sydney, Australia)

SATURDAY 3 OCTOBER 2015

D2 (ACPE): EDUCATIONAL STRATEGIES TO ACHIEVE PROFESSIONAL EXCELLENCE

Organised by the FIP Programme Committee

Saturday 3 October 2015, 09:00 – 12:00

Duration: 3h

Room 2

LEARNING OBJECTIVES

Application-based session

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

1. Adopt educational methods that develop a scientific approach to practice.
2. Analyse educational approaches to prepare students to practise in a team-based care model.
3. Endorse programmes that advance professional excellence among practitioners.
4. Compare different models of learning providing the right context for students and practitioners.

CHAIRS

Ralph Altieri (University of Colorado, USA) and Linda Aagaard Thomsen (Pharmakon, Denmark)

PROGRAMME

1) 09:00 Introduction by the Chair

2) 09:05 Educating scientific thinkers – using and creating evidence to inform patient care

Rebekah Moles (The University of Sydney, Australia)

3) 09:35 Healthcare team education – inter-professional education

Roderick Salenga (UP College of Public Health, Philippines)

10:05 Break

4) 10:20 Advancing practitioners' professional excellence

Ryan Jacobsen (University of Iowa Health Care, USA)

5) 10:50 How to provide practice context in the academic environment?

Martine Ruggli, Pharmasuisse (Switzerland)

6) 11:20 Roundtable discussions, reports and panel Q & A

SATURDAY 3 OCTOBER 2015

E8: PHARMACY - STORIES OF OUR HERITAGE

Organised by the FIP Working Group on the History of Pharmacy

Saturday 3 October 2015, 09:00 – 12:00

Duration: 3h

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the historical development of the profession in different countries.
2. Identify interesting milestones in the history of pharmacy profession.
3. Specify initiatives organised around the globe related to preserving heritage of the profession of pharmacy.

CHAIR

Jacques Gravé (Sauvegarde du Patrimoine Pharmaceutique, France)

PROGRAMME

1) 09:00 The apothecary of Baugé in France: a beautiful heritage of the XVIIth century

Jacques Gravé (Sauvegarde du Patrimoine Pharmaceutique, France)

2) 09:30 Serbian pharmacy day - 185 years of the first pharmacy in Serbia

Vesna Matovic (University of Belgrade, Serbia)

3) 10:00 The effect of the Soviet repression on the Latvian pharmaceutical sector 1940-1941

Sabine Lauze (Riga Stradins University, Latvia)

10:30 Break

4) 11:00 An Islamic pharmacy from the XIXth century in Portugal - a dialogue between cultures in health heritage history

Joao Neto (Museu da Farmacia - Associação Nacional das Farmacias, Portugal)

5) 11:30 The French Chamber of Pharmacists (CNOP) confers new statuses to its heritage collection

Olivier Gross (French Chamber of Pharmacists, France)

SATURDAY 3 OCTOBER 2015

D13 (ACPE): TRANSPARENCY AND SOCIAL MEDIA - THE PHARMACIST AS THE SPIDER IN THE WEB

Organised by the FIP Industrial Pharmacy Section, the FIP Health and Medicines Information Section, the FIP Social and Administrative Section

Saturday 3 October 2015, 12:30 – 14:00

Duration: 1h30

Room 6

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe how the pharmacist can take part in the transparent healthcare environment created by social media.
2. Distinguish between relevant and non-relevant patient-focused information available on the Internet (including social media).
3. Identify the role of the pharmacist as a trusted partner in a web-based healthcare system.
4. Endorse web-based information quality assurance processes by providing high quality healthcare information to patients.

CHAIRS

Kerstin Neumann (FIP IPS, Germany) and Parisa Aslani (FIP HMIS, Australia)

PROGRAMME

- 1) **12:30 eHealth vs. traditional health: Add on or replacement? The role of social media in the healthcare community**
- 2) **12:50 Patient privacy in the world of transparency – does privacy limit innovation? The patient perspective**
- 3) **13:10 Digital marketing to patients: safety monitoring in social media in an outcome-based healthcare system – where does industry's responsibility end?**
Phil Tregunno (Medicines and Healthcare products Regulatory Agency, UK)
- 4) **13:30 The pharmacist in social media – new ways to deliver services to patients**
Cody Midlam (FIP SAPS, USA)
- 5) **13:50 Panel discussion**

SATURDAY 3 OCTOBER 2015

E5: JOINT FIP – RED CROSS SESSION - VIOLENCE AGAINST PHARMACIES

Organised by the Red Cross, the FIP Community Pharmacy Section and the FIP Military & Emergency Pharmacy Section

Saturday 3 October 2015, 12:30 – 14:00

Duration: 1h30

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Evaluate the improvements that can be made to improve security at the community pharmacy.
2. Identify current security needs and actions to be taken by using appropriate checklists.
3. Distinguish how to protect and safeguard the core operations of pharmacy.
4. Identify how to minimise risks for violence against community pharmacies.
5. Distinguish that safety and security are perishable and need continuous work.
6. Outline a security plan for the pharmacy in order to create a safe environment for customers and staff.

CHAIRS

Lars-Åke Söderlund (FIP CPS and Apoteket, Sweden) and Jane Dawson (FIP MEPS, New Zealand)

PROGRAMME

- 1) **12:30 Violence towards healthcare professionals is not acceptable - existing situations and campaigns within the International Red Cross of high value for community pharmacy**
Bruce Eshaya-Chauvin (Medical Adviser/Healthcare in Danger Project, International Committee of the Red Cross)
- 2) **12:55 How far forward should a pharmacy or a medical logistics department deploy in a war zone?**
Wendy Walker (FIP MEPS, Australia)
- 3) **13:20 Strategies to address the violence against pharmacies in peace time**
Anette Falk (Apoteket AB, Sweden)
- 4) **13:45 Discussion and practical advice**

SATURDAY 3 OCTOBER 2015

E17 (ACPE): CLOSING SESSION – WHO IS COMMITTED TO CHANGE?

Organised by the FIP Programme Committee

Saturday 3 October 2015, 12:30 -14:00

Duration: 1h30

Room 2

LEARNING OBJECTIVES

Application-based session

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

1. Advocate the importance of changes in advancing the pharmacy profession.
2. Demonstrate the commitment to change by concrete examples.
3. Adopt the take-home messages of the Congress.
4. Express the self-defined commitments to change for everyday practice and science work.

CHAIRS

Arijana Meštrović (FIP CPC, Croatia) and Giovanni Pauletti (FIP CPC, USA)

PROGRAMME

1) 12:30 Reconnecting science and practice - report messages from congress sessions

Giovanni Pauletti (FIP CPC, USA) and Arijana Meštrović (FIP CPC, Croatia)

2) 12:50 Short reports and key messages from pre-symposia

3) 13:00 Personal commitments from FIP participants: Good luck with your plans!

Mike Rouse (FIPed EDT Education Lead for Quality Assurance, USA)

4) 13:20 Congress highlights – inside view

Timothy Chen (FIP SAPS, USA)

5) 13:40 Conclusions and wrap up: See you in Buenos Aires!

Luc Besançon (FIP, The Netherlands)

COMMIT TO CHANGE USING THE FIP POSTCARDS!

Find the postcard in your congress bag and write the change you are committed to make to improve your practice, educational or scientific work based on what you have learned and experienced during the Congress! Add your name and postal address and put the card in the "Commitment to Change Postbox" at the FIP booth in the exhibition hall. You will receive a special congress badge ribbon and FIP will mail the card to you in the New Year, to remind you and support your commitment to change. All the postcards will be collected to highlight the take-home messages at the E17 Closing session: Who is committed to change? Join us on Saturday 3rd Oct 12:30-14:00 in Room 2, to hear the commitments of your peers.

Commitment to change is crucial for advancing the profession of pharmacy. Change can occur at the individual, local, national or international levels.

SATURDAY 3 OCTOBER 2015

MO3: PRESENTATIONS BY FIP MEMBER ORGANISATIONS

Organised by FIP

Saturday 3 October 2015, 12:30 – 14:00

Duration: 1h30

Room 16/17

CHAIR

Thony Björk (FIP, Sweden)

PROGRAMME

1) 12:30 Presentation of CISMED, the Information Centre for the Supply of Medicines – a tool to address medicines shortages

Laura Martín Gutiérrez (General Pharmaceutical Council, Spain)

2) 13:00 New pharmacy regulations and GPP guidelines in the Philippines

Leonila Ocampo (Philippine Pharmacists Association, Philippines)

3) 13:30 Pharmacy services in primary healthcare: a comprehensive strategy for Costa Rica

Lorena Quirós (Pharmaceutical Society of Costa Rica, Costa Rica)

SATURDAY 3 OCTOBER 2015

A5 (ACPE): MEDICINES AND DRIVING: WHAT CAN WE ADVISE?

Organised by the FIP Health and Medicines Information Section

Saturday 3 October 2015, 14:30 – 17:30

Duration: 3h

Room 1

LEARNING OBJECTIVES

Knowledge-based session

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

1. Describe the impact of medicines which impair driving on traffic safety.
2. Endorse prescribing and dispensing guidelines for medicines and driving fitness.
3. Adopt the categorisation system for medicines which affect fitness to drive.
4. Explain the role of the pharmacist in establishing standards to communicate risk concerning medicines that impair driving in patient safety.
5. Demonstrate the use of pictograms in risk communication to patients.

CHAIRS

Han de Gier (University of Groningen, The Netherlands) and Parisa Aslani (The University of Sydney, Australia)

PROGRAMME

1) 14:30 Medicines and driving: an introduction

Han de Gier (University of Groningen, The Netherlands)

2) 14:50 Categorisation and labelling system for medicines and driving fitness

Javier Alvarez (University of Valladolid, Spain)

3) 15:15 Prescribing and dispensing guidelines

Charles Mercier-Guyon (University of Grenoble, France)

15:40 Break

4) 16:15 Evaluation of training and ICT support for patient counselling by pharmacists

Alain Verstraete (University of Gent, Belgium)

5) 16:40 Risk communication in medicines and driving by using pictograms

Han de Gier (University of Groningen, The Netherlands)

6) 17:05 Discussion session – examples from the audience

SATURDAY 3 OCTOBER 2015

C4: MEDICINES FOR ALL - WHAT IS HINDERING PROGRESS?

Organised by the FIP Industrial Pharmacy Section and the FIP Military & Emergency Pharmacy Section

Saturday 3 October 2015, 14:30 – 17:30

Duration: 3h

Room 16/17

LEARNING OBJECTIVES

Knowledge-based session

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

1. Identify the political reasons why medicines are not available for all.
2. Explain the pragmatic logistic reasons why medicines are not available for all.
3. Outline the financial reasons why medicines are not available for all.
4. Challenge the pharmaceutical industry's perspective of why medicines are not available for all.

CHAIRS

Gabrielle Wiederkehr (ACCESS Regulatory Consulting, Switzerland) and Michael Anisfeld (Globepharm Consulting Inc., USA)

PROGRAMME

1) 14:30 Introduction

2) 14:35 The practical difficulties of delivering medicines during natural disasters

Trudi Hilton (International Health Partners, UK)

3) 15:10 The practical difficulties of delivering medicines where infra-structure does not exist, period!

Emmanuel Nfor (Systems to Improve Access to Pharmaceuticals and Services - SIAPS, USA)

15:45 Break

4) 16:05 Good distribution practices and problems with the last mile

Michael Anisfeld (Globepharm Consulting, Inc., USA)

5) 16:40 Does the international pharmaceutical industry have a responsibility to make medicines available for all? And if so, what is the responsibility?

Ulf Janzon (FIP IPS, Sweden)

6) 17:15 Discussion between speakers and audience about the issues and problems highlighted by speakers and potential solutions

SATURDAY 3 OCTOBER 2015

D1 (ACPE): CLOSING THE GAP BETWEEN EVIDENCE AND PRACTICE

Organised by the FIP Programme Committee

Saturday 3 October 2015, 14:30 – 17:30

Duration: 3h

Room 2

LEARNING OBJECTIVES

Knowledge-based session

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

1. Explain the behavioural background of change management and social intelligence in healthcare professions.
2. Advocate for the process of change and innovation implementation at individual, organisational and national level in pharmacy.
3. Conduct the processes of producing and using evidence in pharmacy practice.
4. Adopt the ideas of service improvement and competency development.
5. Perform possible changes in their everyday practice.

CHAIR

Arijana Meštrović (Pharma Expert, Croatia)

PROGRAMME

1) 14:30 Introduction by the Chair

2) 14:40 Creativity and motivation – defining social intelligence in the pharmacy profession

Katherine Pedro Beardsley (University of Minnesota, USA)

3) 15:10 Committed to quality – committed to change

Helen Gordon (Royal Pharmaceutical Society, UK)

15:40 Break

4) 16:00 Pharmacy practice between reading and writing evidence – do we have time?

Foppe van Mil (Van Mil Consultancy, The Netherlands)

5) 16:30 Mind the gap – evidence based pharmacy practice – are we ready?

Tim Chen (FIP SAPS, Australia)

6) 17:00 Starting the change today - Final exercise with the audience and wrap up

Arijana Meštrović (Pharma Expert, Croatia)

SATURDAY 3 OCTOBER 2015

E3 (ACPE): PHARMACY NEEDS MORE LEADERS - HOW TO RESPOND

Organised by the FIPed (EDT and AIM), the FIP Young Pharmacists' Group and the FIP Community Pharmacy Section

Saturday 3 October 2015, 14:30 – 17:30

Duration: 3h

Room 6

LEARNING OBJECTIVES

Application-based session

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

1. Explain what leadership means and driving changes in connecting science and practice through leadership development.
2. Research case-examples of leadership from different countries and member organisations, connecting the science and the practice aspects.
3. Analyse the types of leadership required on a global level to promote and develop the pharmacy profession and how to develop and attract leaders in our profession.
4. Translate specific examples of leadership development to personal development.

CHAIRS

Jill Boone (FIPed, USA) and Luis Lourenco (FIP CPS and YPG, Portugal)

PROGRAMME

1) 14:30 What do we mean by 'leadership'? How can science and practice be connected?

Introduction

Tina Brock (FIPed, USA), Zubin Austin (Canada), Catriona Bradley (Ireland), Kayley Lyons (USA)

2) 15:20 Workshop activity

Facilitator: Lynnae Mahaney (Center for Pharmacy Practice Accreditation, USA)

16:10 Break

3) 16:30 Global citizens, global pharmacists, global leaders – is there a strategy to build?

Sudax Murdan (University College London, UK)

4) 16:45 WHO Technical Group engagement - scientific development applied in the field

Rebecca Bailey (IntraHealth and Technical Working Group Expert, Switzerland)

5) 17:00 Workshop activity

Facilitator: Joseph Bonnarens (Manchester University, UK)

6) 17:20 Closing remarks

Luis Lourenco (FIP CPS and YPG, Portugal)

ADDITIONAL PROGRAMME ITEMS

INDUSTRIAL INSIGHTS

Organised by the FIP Industrial Pharmacy Section, in association with the Academy of Pharmaceutical Sciences (APS)

Thursday 1 October 2015, 10:00-16:00

Duration: 6h

Location: Johnson & Johnson, Platz 2, Neuss / Germany

Bus transport will be provided, separate registration required

LEARNING OBJECTIVES

Knowledge-based session

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

1. Distinguish and describe what role pharmacists can play in pharmaceutical industry.
2. Describe the drug development process in detail and be able to make an assessment of the different factors affecting the process.
3. Evaluate where the source of innovation is and what is needed to create innovation.
4. Investigate the value of networking and creating contacts and get advice how to do it in an efficient way.

CHAIR

Sini Eskola (FIP IPS, Belgium) and Claire Thompson (Academy of Pharmaceutical Sciences, UK)

PROGRAMME

08:30 Bus transportation from Congress Center Düsseldorf to meeting location at Johnson & Johnson, Neuss

09:00 Registration & coffee

09:30 Introduction

Mike Anisfeld (FIP IPS) and Jayne Lawrence (APS)

Keynote address

Michael von Poncet (Director Medical & Scientific Affairs, Janssen Cilag)

10:00 From discovery to medicine - A day in the life - Panel I

Moderator: Linda Hakes (FIP IPS)

Presenter 1: Research & Development Hannah Batchelor (Biopharmaceutics Scientist, University of Birmingham)

Presenter 2: Formulation science Klaus Benke (Bayer AG)

Presenter 3: Clinical trials

Presenter 4: Manufacturing Henrik Müller (Aesica)

Presenter 5: Quality control & GMP Eva Maurer (Aesica)

11:15 Coffee & networking

J&J pharmacists join for networking and further information

11:45 Molecules to Medicines interactive game: Live out the process of making a medicine, the decisions, risks and costs. Can your team get your medicine approved? Led by APS

13:15 Lunch & networking

J&J pharmacists join for networking and further information

14:15 From medicine to patient – A day in the life - Panel II

Moderator: Igor de Linhares Castro (FIP IPS)

Presenter 1: Medical affairs Kerstin Neumann (Johnson & Johnson)

Presenter 2: Pharmacovigilance Ann Kristin Neuroth (Johnson & Johnson)

Presenter 3: Policy & communications Ulf Janzon (MSD)

Presenter 4: Health economics & outcomes research Steffi Rösberg (Janssen)

Presenter 5: Pharmaceutical chemistry & pharmacovigilance Niina Suni (DRA Consulting)

15:30 Coffee break

15:45 HR info flash – tips for applicants for the pharmaceutical industry

Martin Pompe (Johnson & Johnson)

16:00 Interactive plenary session:

Industry in partnership with other players in the healthcare system. Focus on innovation: What is innovation to you? Where does innovation occur? Who is driving it?

Moderator: Claire Thompson (APS)

Panel: Ulf Janzon (Industry)

Jayne Lawrence (Academia)

Sarah Sinclair (Pharmacy Practice)

16:45 Closing remarks

Sini Eskola (FIP IPS, EFPIA)

17:00 Bus transportation back to Congress Center Düsseldorf

ADDITIONAL PROGRAMME ITEMS

PHARMABRIDGE



Organised by Pharmabridge

Thursday 1 October, 12:30-14.00

Duration: 1h30

Room 7a

Pharmabridge aims to strengthen pharmaceutical services in developing and transitional countries through coordinated support from the pharmacy establishment and individual pharmacists in developed countries. This is done by linking up people for book donations, for visits of pharmacists from DCs for practice exposure to countries with more advanced pharmacy education and practices, and for lectures and workshops in DCs. The project is supported by the International Pharmaceutical Federation (FIP), its Board of Pharmaceutical Practice (BPP) and the Commonwealth Pharmaceutical Association (CPA). The session will include an update on Pharmabridge, reports and results of Pharmabridge practice exposures and an ensuing discussion.

All those interested in the project, 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, are encouraged to bring them to the meeting and give them to colleagues from less affluent countries.

FOLLOW FIP

Our App is for free: please visit your app store for the FIP Düsseldorf 2015 App

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 2015 app, available for iOS and Android, 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.

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WANT TO KNOW MORE ABOUT FIP SECTIONS AND SIGS?

If you want to know more about the work and activities of FIP (practice) sections or (scientific) special interest groups, don't hesitate to attend the following meetings.

OVERVIEW OF SECTION BUSINESS MEETINGS/GENERAL ASSEMBLIES

The FIP Section general assemblies (also called business meetings) are open to all interested participants. They take place as follows:

Academic Pharmacy Section (APS)

Business meeting
Friday 2 October 2015, 07:30 – 09:30
Room 8

Community Pharmacy Section (CPS)

Steering Committee meeting
Thursday 1 October 2015, 14:00 – 17:00
Room 7a

Health and Medicines Information Section (HaMIS)

Business meeting
Friday 2 October 2015, 12:15 – 14:15
Room 7a

Hospital Pharmacy Section (HPS)

Section assembly
Friday 2 October 2015, 12:45 – 13:45
Room 8

Industrial Pharmacy Section (IPS)

Business meeting
Saturday 3 October 2015, 12:15 – 14:00
Room 8

Military and Emergency Pharmacy Section (MEPS)

Business meeting
Saturday 3 October 2015, 10:15 – 12:15
Room 7b

Social and Administrative Pharmacy Section (SAPS)

Business meeting
Friday 2 October 2015, 12:30 – 13:30
Room 7b

OVERVIEW OF SPECIAL INTEREST GROUP PRESENTATIONS - "MEET THE SIGS"

FIP currently has 8 scientifically oriented Special Interest Groups. Through the **Meet the SIGs** meetings at the congress, you will be able to find out what **they** have to offer to **you** and what **you** can offer to **them**.

At each **Meet the SIG** the Chair introduces his or her group. Then the focus will be on how to become engaged with the SIG. The specific impact of the SIG on pharmacy practice will also be indicated.

Meet the SIG on Biotechnology

Wednesday 30 September 2015, 15:00 – 15:30
Room 11

Meet the SIG on PK/PD & Systems Pharmacology

Wednesday 30 September 2015, 15:30 – 16:00
Room 11

Meet the SIG on Formulation Design & Pharmaceutical Technology

Wednesday 30 September 2015, 16:00 – 16:30
Room 11

Meet the SIG on Analytical Sciences & Pharmaceutical Quality

Wednesday 30 September 2015, 16:30 – 17:00
Room 11

Meet the SIG on Drug Design and Discovery

Wednesday 30 September 2015, 17:00 – 17:30
Room 11

Meet the SIG on Translational Research and Individualized Medicines

Wednesday 30 September 2015, 17:30 – 18:00
Room 3

Meet the SIG on Regulatory Sciences

Wednesday 30 September 2015, 17:30 – 18:00
Room 2

YOUNG PHARMACISTS GROUP (YPG)

Business meeting
Friday 2 October 2015, 14:30 – 17:30
Room 8

INTERNATIONAL PHARMACEUTICAL STUDENTS' FEDERATION (IPSF)

Business meeting
Wednesday 30 September 2015, 15:30 – 17:00
Room 6

OVERVIEW OF THE REGIONAL PHARMACEUTICAL FORUM MEETINGS

Regional pharmaceutical forums bring together national pharmacy associations, the World Health Organization (WHO) and FIP in six regional platforms.

Some Forums organise sessions open to all interested:

African Pharmaceutical Forum

Saturday 3 October, 16:00 – 17:30, Room 8

Pharmaceutical Forum of the Americas

Thursday 1 October, 09:00 – 12:00, Room 8
Please note that the meeting will be run in Spanish.
Interventions in Portuguese and English are welcome.

Western Pacific Pharmaceutical Forum

Annual General Meeting & General Assembly

Saturday 3 October, 12:30 – 14:30, Room 7b
Open to all delegates from WPPF countries

GENERAL INFORMATION

BADGES

Participants will be handed their name badges at the registration desk. Due to security regulations all participants and accompanying persons must wear their badges throughout the Congress.

Participants with white badges, including a barcode, will be admitted to the sessions. Accompanying persons (badges in a different colour) may attend the Opening Ceremony and social events but will not be allowed to attend 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

Exhibition Hall, Foyers

The coffee breaks (15-20 minutes) during the sessions will take place between 10:00 and 11:00 in the morning and between 15:30 and 16:30 in the afternoon.

Between the sessions there will be a lunch break from 12:00 to 14:30. Participants can collect their lunch boxes from the distribution stations in the Wintergarden.

Please note that some sessions are also organised between 12:30 and 14:00.

CITY TOURS IN DÜSSELDORF

To book a tour during the congress, please visit the Tourist Information Office:

TOURIST INFORMATION OFFICE CENTRAL STATION

Immermannstraße 65 b

Opening hours

Monday–Friday: 09:30–19:00

Saturday: 09:30–17:00

TOURIST INFORMATION OFFICE ALTSTADT (OLD TOWN)

Marktstraße/corner Rheinstraße

Opening hours

Monday–Sunday: 10:00–18:00

DRESS

Informal dress is acceptable for all sessions but business attire is recommended for the Opening Ceremony.

Filming, recording and photography production policy

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FIP reserves the right to prohibit any photography, filming or recording.

LIABILITY / DISCLAIMER

The FIP Organising Committee, the German Host Committee, FIP Headquarters and MCI Amsterdam 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

The Congress Media Room will offer a number of services, strictly limited for official press representatives and professional journalists. Press accreditation and press registration are required for access to the Congress 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.

RIBBONS

Participants can have a ribbon or a special text in colour on their badge:

Red	FIP Executive Committee, FIP Chairs of the Boards, FIP Past and Honorary Presidents, FIP Vice Presidents, Host Committee
Brown	1st Timers
Orange	FIP Foundation Supporters
Yellow	FIP Council Members
Light yellow	FIP Council Observers
Olive green	FIP Foundation Directors
Fuchsia	Press
Royal blue	Speakers and Chairs
Yellow	Staff
Lime	Deans Forum
Light blue	Pharmacists in Politics
Royal blue	Satellite Symposium: Pharmacy Technicians
Purple	Section ExCo members and Special Interest Group Chairs
Soft pink	Poster presenters
Maroon	Committed to Change (see page 86)

GOLD

Loyal GOLD congress participants who have attended more than 10 FIP Congresses: Thank you and congratulations!

WIFI

Free WiFi will be available in the Wintergarden area of the Congress Center.

Username: fip2015

Password: congress

Our goal at the FIP Foundation is to develop programmes to support pharmacy practice worldwide.



Please buy our limited edition FIP Foundation mug at the FIP booth (Exhibition Hall) so that we can keep working towards this goal. This mug celebrates the foundation's education work; it has been

specially designed with a chalkboard-like exterior and comes with two sticks of chalk.

The FIP Foundation will also be holding a raffle with a number of exciting prizes. First prize is a full registration for the 76th World Congress of Pharmacy and Pharmaceutical Sciences in Buenos Aires, Argentina, in 2016. Tickets are on sale at the FIP booth.

The draw will take place during lunchtime on Saturday 3 October in the Exhibition Hall: Do join us.

Only with your support we can continue seeding opportunities
www.fipfoundation.org



FIP FOUNDATION FOR EDUCATION
AND RESEARCH

Pharmaceutical Sciences World Congress 2017 Stockholm, Sweden

21-24 May 2017



Systems approaches for better medicines and health

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 SYSTEMS THERAPEUTICS APPROACH

Systems biology has emerged as a novel scientific discipline, which focuses on the analysis of biological networks as the basis for the functioning of biological systems. Systems analysis will revolutionise medicines and health research.

This will impact on both the pharmaceutical sciences and pharmacy practice, says congress chairman Professor Meindert Danhof.

In research, systems biology offers a novel approach to:

- i) Identifying pathways of disease;
- ii) Discovering drug targets; and
- iii) Discovering biomarkers (for monitoring of the treatment response).

In practice, this will lead to the introduction of "systems therapeutics" interventions which are:

- i) Personalised (both with respect to the selection of drug(s) and dosing regimens);

- ii) Disease modifying (with emphasis on pre-emptive and preventive treatments); and
- iii) Complex (such as multi-target drugs, rational drug-drug combinations, drug-device combinations).



CO-SPONSORS:



www.fip.org/pswc2017

LIST OF PARTICIPANTS

(Registered until 15 august 2015)

AFGHANISTAN

Mirza Mohammad Ayubi
Zakiullah Azizi
Abdul Nasire Lutfie
Nawid Musarat
Abdul Hafiz Quraishi
Mohammad Asif Yari
Afghanistan total: 6

ALBANIA

Ranela Ceci
Enkelejd Collaku
Suela Kellici
Narvina Sinani
Melisa Troshani
Albania total: 5

ALGERIA

Ahlem El Ghoul
Algeria total: 1

ARGENTINA

Paula Israel
Jorge Martiarena
Mascaro Raul Eduardo
David Suarez
Argentina total: 4

AUSTRALIA

Mariyam Aly
Bill Arnold
Parisa Aslani
Dalia Bajis
Patrick Ball
Kevin Batty
Carolyn Bell
John Bell
Arcelio Benetoli
Charlie Benrimoj
Andrew Brown
Betty Chaar
William Charman
Timothy Chen
Bronwyn Clark
Marian Costelloe
Rachelle Cutler
Mark Douglass
Greg Duncan
Desire Durks
Lance Emerson
Jill Feeney
Jordyn Finlay

Kirstie Galbraith
Victoria Garcia Cardenas
Beverley Glass
Peter Guthrey
Tara Hehir
Lutfun Hossain
Safeera Hussainy
John Jackson
Bill Kelly
Saval Khanal
Mark Kirschbaum
Ian Larson
Lauren Lawlor
Jennifer Marriott
Jacqueline Martin
Elizabeth Mccourt
Ross Mckinnon
Rebekah Moles
Hana Morrissey
Joanna Moullin
Lisa Nissen
Vincent O'Sullivan
Amy Page
Iqbal Ramzan
Tristan Rawling
Alison Roberts
Daniel Sabater Hernandez
Sujata Sapkota
Carl Schneider
Steve Shaddock
Paul Sinclair
Sarah Sinclair
Lloyd Smith
Maria Stogiannis
Vivien Tong
Natalie Trevaskis
Luke Vrankovich
Wendy Walker
John Ware
Donna Wellins
Barry White
Helen White
Bridey Wood
Australia total: 66

AUSTRIA

Teresa Ditfurth
Ulrike Mayer
Raimund Podroschko
Carmen Rainer
Leopold Schmudermaier
Samir Shehata

Norbert Valecka
Max Wellan
Richard Wosolsobe
Robert Zika
Austria total: 10

AZERBAIJAN

Yegana Guliyeva
Nisa Mehdiyeva
Azerbaijan total: 2

BANGLADESH

Mohammad Abusyed
Samin Huq
Kazi Imtiaz Mahtab
Bangladesh total: 3

BELGIUM

Koen Boussey
Dirk Broeckx
Jochim Brouwers
Manon Buyl
Jo Demeester
Lode Dewulf
Eric Wagemans
Sini Eskola
Heike Galbraith
Janice Geers
Els Mehuys
Sandrine Peeters
Charles Ronlez
Silas Rydant
Jan Saevels
Sophie Sarre
Jurate Svarcaite
Pär Tellner
Marie Timmermann
Eline Tommelein
Dorien Van Broeck
Chris Van De Ven
Nathalie Van Praag
Alain Verstraete
Dirk Vos
Bernard Vrijens
Jamie Wilkinson
Belgium total: 27

BENIN

Henri Charles Aïnadou
Benin total: 1

BOSNIA AND HERZEGOVINA

Fatima Insanic-Jusufovic
Djordjica Kopanja
Bosnia and Herzegovina total: 2

BRAZIL

Joselia Frade
Nelson Dos Junior
Silvana Leite
Igor Linhares De Castro
Priscila Mazzola
Pedro Menegasso
Lauro Moretto
Matheus Rocha
Walter Silva Jorge Joao
Cinthia Souza
Brazil total: 10

BULGARIA

Kremena Aleksandrova
Atanas Angelov
Anton Avdzhiev
Nedyalka Chervenкова
Ivan Dermendzhiev
Elisaveta Dimitrova
Mariyana Eneva-Dimitrova
Minko Gatev
Mariyana Gaydarova
Nadezhda Georgieva
Nadezhda Grigороva
Velina Grigороva
Dilyana Ivanova
Svetoslav Karamihov
Vesela Kavlakova-Nazarova
Tsvetana Kireva
Tanya Koleva
Anton Kraev
Romeo Milkov
Lidya Neytcheva
Tsanka Peeva
Parvoleta Peteva
Tatyana Petrova
Reni Stoilova
Dimitrinka Taskova
Kiril Tenev-Kochat
Nikolay Uzunov
Tsvetanka Valchanova
Ana Vasileva
Aneta Zaharieva
Bulgaria total: 30

CAMEROON

Kaba Kourouma
Cameroon total: 1

CANADA

Zubin Austin

Carlo Berardi
Todd Boyle
Sandra Carey
Fabio De Rango
Greg Eberhart
David Edwards
Perry Eisenschmid
Philip Emberley
Yves Gariepy
Sylvain Grenier
Aurélie Guerin
Sherif Guorgui
David Hill
Wayne Hindmarsh
Susan James
Ibrahim Labouta
Linda Mackeigan
Warren Meek
Stephanie Miller
Marshall Moleschi
Bob Nakagawa
Milton Parisiss
Annie Pouliot
John Pugsley
Diane Reeder
Jordan Schneider
Catherine Schuster
Robert Sindelar
Regis Vaillancourt
Deanna Williams
Brad Willsey
Cassandra Woit
Canada total: 34

CHILE

Adriana Patricia Acuna-Johnson
Chile total: 1

CHINA

Hong Cai
Qingqun Cai
Weiling Cao
Hong Chang
Gang Chen
Xiao Chen
Zheng-Yu Chen
Yuanyuan Dai
Yufeng Ding
Haiyan Dong
Jie Dong
Xia Du
Xiaoying Fu
Zhihui Geng
Xue Peng Gong
Linqing Huang
Yanyan Jia
Mingyan Jiang

Liping Kuai
Weihua Lai
Guocheng Li
Hongtao Li
Jing Li
Li Li
Yuzhen Li
Qixia Liao
Lianfeng Lin
Zhixiu Lin
Jiang Liu
Liping Liu
Shikun Liu
Shiting Liu
Shu Li-Xin
Yang Lu
Xianfeng Luo
Haiying Ma
Zhongfu Ma
Mei Peng
Wangqing Peng
Yanchun Pu
Kaifeng Qiu
Jin Ren
Su Shen
Hongping Song
Hongtao Song
Jinchun Song
Ye Su
Hongbo Tang
Hongmei Tang
Jinfa Tang
Jialiang Teng
Lin Tian
Fan Wang
Hailian Wang
Liming Wang
Yan Wang
Yanchun Wang
Yanyan Wang
Guilin Wei
Jianying Wei
Li Wei
Lin Wu
Xianglin Xiao
Li Xie
Shouxia Xie
Aizhen Xiong
Fengqin Xu
Lei Xu
Hui Yang
Li Yang
Min Yang
Lika Ye
Bin Yu
Zhongmin Yu
Jun Zeng

Yingtong Zeng
Weiyu Zhai
Chengguang Zhang
Hongfeng Zhang
Li Zhang
Mingwei Zhang
Shaoping Zhang
Ting Zhang
Zhiqing Zhang
Ziping Zhang
Tie Zhao
Wen Zhao
Zhihua Zheng
Jufen Zhou
Chunwei Zhu
Deqiu Zhu
Pinggen Zhu
China total: 92

CHINA TAIWAN

Hsiu-Mei Chang
Meichi Chang
Li Chen Chang Chien
Chi-Hua Chen
Hsiu-Shan Chen
Hung Lieh Chen
Mei-Lin Chen
Pei-Liang Chen
Yi-Hsuan Chen
Yinhsuan Chen
Suefei Cheng
Yih-Dih Cheng
Chen Chiao-Ling
Liching Chien
Shu-Chen Chien
Su Yu Chien
Be-Ling Chiou
Chun-Chi Chiou
Hung-Chang Chou
Shin-Tarng Deng
Mandy Fan
Chi-Yun Hsiao
Po-Wen Hsiao
Yi Chieh Hsieh
Jack Ling-Wei Hsin
Chia Yen Hsu
Chi-Chien Hsu
Ching-Yi Hsu
Pin-Chieh Hsu
Shu-Chuan Hsu
Chun-Liang Hu
Oliver Hu
Shih-Chun Hua
Jin-Ding Huang
Juyi Huang
Mei Jung Huang
Hui Su Hui Su

Kee Ching Jeng
Ying Ying Kang
Weihsin Ko
Chin Yee Kok
Hsiang-Ying Lai
Hsin-Chun Lai
Meng San (Dora) Lee
Shin Li
Wenchin Li
Ya-Ting Li
Grace Lin
Hsiang-Wen Lin
Man-Ting Lin
Yi-Nong Lin
Yuli Lin
Ya-Sin Liou
Chih Shiuan Liu
Ting-Wen Lo
Yi-Fang Lu
Ying-Chuan Lu
Jean Yun-Ching Pan
Lucy Yun-Ju Pan
Shun-Lien Sung
Yuling Ting
Fang-Yi Tsai
Hui-Ting Tsai
Meng Chuan Tsai
Yen-Fu Tsai
Shih-Yun Tu
Chun-Yu Wang
Hsing-Hui Wang
Hue Yu Wang
Jang Ying Wang
Jen-Chieh Wang
Yih-Ji Wong
George Woo
Alyssa Wu
Fe-Lin Wu
Shang-Hua Wu
Tien-Yuan Wu
Patty Ying Pi Yang
Tony Yen-Huei Tarn
Lee Yi-Hsuan
Hong-Wen Zheng
China Taiwan total: 81

COLOMBIA

Margareth Charry
Yenith Cuellar
Carlos E Jerez Zuleta
Colombia total: 3

COSTA RICA

Cristina Fernández Barrantes
Victoria Hall Ramirez
Maria Lorena Quiros
Costa Rica total: 3

CROATIA

Maja Barac
Mirela Filipic
Arijana Mestrovic
Danijela Mikulcic
Iva Mucalo
Matija Poljak
Martina Sepetavc
Miranda Serti
Ksenija Sokol
Rajka Truban-Žulj
Lovre Zekan
Snježana Zub i
Croatia total: 12

CUBA

Yamira Suárez Pérez
Cuba total: 1

CYPRUS

Rumeysa Demirdamar
Ferdiye Dorak
Ayse Keten
Fatma Tahsin
Cyprus total: 4

CZECH REPUBLIC

Martina Ceckova
Lubomír Chudoba
Katerina Ladova
Martin Simicek
Frantisek Staud
Jakub Weber
Czech Republic total: 6

DENMARK

Tina Aavang
Michelle Al-Atabi
Hassan Alshbnder
Birgitte Drachmann Andersen
Lone Andersen
Torben Andersen
Mohammad Tahsin Anjam
Tahsin Anjam
Boeiehoej Anne Helene
Kahns Anne Helene
Monika Antonijevic
Henriette Ardensø
Lærke Arnfast
Julie Bengtson
Nicky Berg
Danji Bhanderi
Mette Birth
Søndergaard Birthe
Bethina Bech Boes
Anne Bøiehøj
Inger Annette Brasen

Helle Carlsen
Ib Christensen
Kirsten Christensen
Louise Christensen
Ninette Raahauge Christiansen
Mette Clausen
Maj-Britt Stephanie Dahlberg
Pernille Day
Lone Daugaard
Adiba Ziya Dodhy
Iversen Dorthe Fogh
Christina Durinck
Christina Nicolajsen Durinck
Inge Dyhr
Puk Egekvist
Kristina Ejdesgaard
Lone Englund
Martin Fallenkamp
Anna Karen Filtenborg
Bente Frøkjær
Hjalte Gunnarstein
Kirsten Hansen
Tine Frost Hansen
Camilla Hartvig
Kia Haubro
Ina Gyrithe Heegaard
Jacobsgaard Helle
Bruun Henrik
Lone Herreholm
Lone Borup Herreholm
Ulrik Hostrup Larsen
Dorthe Iversen
Connie Thorup Jacobsen
Helle Jacobsgaard
Camilla Jakobsen
Lisbeth Hein Jakobsen
John Jensen
Karina Revsbech Jensen
Lars Holm Jensen
Lotte Jensen
Louise Daugaard Jensen
Marianne Britt Jensen
Naser Balderlou Jensen
Niels Hamborg Jensen
Tina Balderlou Jensen
Ulrich Skovgaard Jensen
Tina Jobling
Niels Joensen
Sanne Johansen
Sanne Hee Johansen
Lene Jørgensen
Lene Just Jørgensen
Bengtson Julie Vinding
Heidi Juul
Anne Kahns
Fie Anja Ketager
Peter Kielgast

Kristina Kjelgaard
Carsten Kjellmann
Charlotte Knudsen
Anders Kretzschmar
Anders Kretzschmar
Birgitte Pagter Kristensen
Birgitte Wulff-Høyer Kristiansen
Mette Krogh
Oluf La Cour
Dorrit Lang
Jesper Gulev Larsen
Lise Larsen
Ulrik Hostrup Larsen
Camilla Lauemøller
Pernille Bay Lauridsen
Maja Katharina Laursen
Maiken Fynbo Lihn
Anne Steen Lund
Kirsten Madsen
Lilian Milec Madsen
Ragnhild Skakfjord Magnussen
Sidsel Majgaard Kristiansen
Jette Tove Marker
Joan Petsy Frynhild Midjord
Helle Dahl Mikkelsen
Ditte Mogensen
Kirsten Marianne Mogensen
Kjartan Mohr
Mie Møller
Tove Mønsted
Bettina Dalgaard Moroder
Camilla Dyhring Müller
Paul Müller
Anette Müllertz
Louise Munk Rasmussen
Alex Nielsen
Anne Nielsen
Marianne Nielsen
Melanie Nielsen
Rikke Kjærsgaard Nielsen
Tine Topp Nielsen
Matilde Nisbeth Jensen
Birte Nissen
Mikkel Aastrup Nørreslet
Anne Marie Nygaard
Majbrit Lykke Nygaard
Kristine Høje Olsen
Finn Ossian
Marian Kirsholm L. Ossian
Birgitte Pedersen
Anna Elisabeth Petersen
Ebba Petersen
Stefán Pétursson
Hanne Plet
Ditte Poulsen
Lærke Poulsen
Julie Quottrup

Ann Moon Raagaard
Camilla Boel Rasmussen
Halgerd Rasmussen
Inger Rasmussen
Jacob Søre Rasmussen
Kell Rasmussen
Line Aarøe Rasmussen
Ulrik Ernst Rasmussen
Jette Ravn
Hans Bruun Ringsing
Charlotte Rossing
Helle Schacht
Charlotte Schuldt
Susanne Schwartz
Kerly Maire Servilieri
Birthe Simonsen
Rikke Løvig Simonsen
Jane Skjødt
Mette Skjødt
Randi Skriver
Gitte Soerensen
Birthe Søndergaard
Annette Sørensen
Gitte Schack Sørensen
Hanne Ligaard Sorgenfri
Jette Kirk Spring
Anne Steen Lund
Hanne-Vibeke Stillits
Harue Thai Tangchanthaprapap
Linda Thomsen
Christian Thorsted
Connie Lykke Thybo
Marianne Timm
Jobling Tina
Jakob Tjelum
Christian Thorsted
Christian Krüger Thorsted
Lars Lundager Walmar
Sune Weilert
Louise Winnecke Jensen
Amila Zekovic
Denmark total: 177

EGYPT

Mina Abadir
Mahmoud Abbas
Noha Abbas
Heba Abdelaziz
Mohamed Abdelrazek
Mahmoud Abou Eita
Alaa Abou El Soaud
Karim Aboubakr
Abdalla Aboutaleb
Mahmoud Ahmed
Mohamed Ahmed
Wael Ali
Andrew Said Awad Abouelyamien

Mohamed Azab
Hoda Daabees
Ebtissam Darweesh
Rehab Dorra
Mohamed El Ghazaly
Nourhan El Samaloty
Seham Elkhesheh
Maha Esmail
Mohammed Etman
Heba A. Ewida
Nada Farrag
Azza Fayed
Dina Gaber
Howida Gawish
Abla Hassanein
Hebatala Ibrahim
Mohammed Ismael
Nader Khalil
Mirna Kiddess
Ibrahim Komeil
Salah Koraiem
Rana Makar
Ashraf Mohamed
Adham Mokhles
Yasser Mosaad
Ahmed Mostafa
Sarah Nasr
Hanan Refaat
Adel Sakr
Wafaa Salah
Nehad Selim
Hend Shahin
Egypt total: 45

ESTONIA

Jekaterina Abramovitš
Jelena Fjodorova
Margit Haljasmägi
Kati Heinaste
Piret Ild
Jekaterina Jung
Kristina Kaniava
Merit Kiili
Valentina Ladanyuk
Renate Leesmaa
Pille Liivat
Marge Lutsu
Elna Maasen
Kaidi Mäeorg
Julija Meleštšenko
Kai Muru
Ivi Õunaste
Piret Pajussaar
Eve Pruul
Natalia Pugacheva
Triinu Raag
Kristian Semjonov

Rita Songisepp
Liina Tint
Anu Uus
Daisy Volmer
Estonia total: 26

ETHIOPIA

Ayele Berhane
Ethiopia total: 1

FAROE ISLANDS

Hjalti Gunnarstein
Kjartan Mohr
Faroe Islands total: 2

FIJI

Avnil Narayan
Fiji total: 1

FINLAND

Marja Airaksinen
Kristiina Bäckman-Vatanen
Marisa Eronen
Kaisa Heikkilä
Merja Hirvonen
Risto Holma
Ari Jansen
Sonja Kallio
Anne Kanerva
Harri Kanerva
Risto Kanerva
Liisa Kanninen
Eija Kari
Reijo Kärkkäinen
Hannele Kerko
Juha Keskitalo
Erkki Kostiaainen
Vesa Kujala
Petri Kumlin
Tiina Kuosa
Kirsi Kvarnström
Raisa Laaksonen
Mervi Lassila
Riina Law
Saija Leikola
Mika Leppinen
Ville-Matti Mäkinen
Antti Mäntylä
Ritala Marja
Niina Mononen
Oluwaseun Oyemade
Lehto Päivi
Emmi Palomäki
Sanna Passi
Heikki Peura
Marika Pohjanoksa-Mäntylä
Kaija Pouhula

Inka Puumalainen
Anu Puusniekka
Marja Ritala
Risto Ritala
Tapio Ryttilä
Jukka Saarinen
Olli Salin
Niklas Sandler
Niina Suni
Juho Tavio
Eeva Teräsalmi
Eila Tervola
Kirsti Torniaainen
Pekka Torniaainen
Finland total: 51

FRANCE

Isabelle Adenot
Philippe Arnaud
Marie-Josée Augé-Caumon
Valérie Bourey-De Cocker
Alain Breckler
Pascal Burnat
Serge Caillier
Marie-Camille Chaumais
Henk De Jong
Xavier Deau
Alain Delgutte
Jean-Michel Descoutures
Antoine Duckit
Gerald Dziekan
Philippe Floquet
Eric Garnier
Jacques Gravy
Marceline Grillon
Isabelle Guillaume
Madeleine Heme De Lacotte
Otmar Kloiber
Sabine Mayor Minne
Charles Mercier-Guyon
Andrew Otoo
Jérôme Parésys-Barbier
Jean Parrot
Xavier Pepin
Stéphane Pichon
Bernard Poggi
Françoise Radier
Hélène Sferlazza
Valerie Siranyan
Alain Veuillet
Hugues Videlier
Stephen Wicks
Carine Wolf
Estelle Yau
France total: 50

GERMANY

Zahra Abbas
Mathias Arnold
Reza Azizi Nejad
Eckart Bauer
Fanziska Bauer
Fritz Becker
Elisabeth Berto
Anke Beyer
Rainer Bienfait
Kerstin Bitter
Angelina Blumenthal
Lea Botermann
Christina Braun
Martin Braun
Stephanie Braun
Joerg Breitreutz
Ronan Brett
Bianca Broegmann
Irmgard Buchkremer-Ratzmann
Jana Burkhardt
Andreas Busch
Lili Cao
Bernd Clement
Dorothee Dartsch
Brenda Del Valle Monge
Ralf Denda
Karsten Diers
Thomas Dittrich
Bernhard Doege
Yannick Dormant
Elke Dr. Knop-Schneickert
Jennifer Dressman
Adela Dudic
Henriette Dumeier
Ina Ebert
Gerd Ehmen
Christiane Eickhoff
Harald Erdmann
Maria Estalayo
Miriam Felberg
Robert Fichtner
Johanna Freyer
Horst-Dieter Friedel
Elisabeth Frieze
Hans-Günter Frieze
Christiane Froben
Justus Garve
Heike Gnekow, Mpharm
Jens Gobrecht
Ralf Goebel
Verena Graeff
Karin Graf
Birgit Graffitti
Angelika Gregor
Nina Griese
Daris Grizic

Reinhard Groß
Francesca Haaf
Linda Hakes
Günther Hanke
Reinhard Hanpft
Mariam Hassan
Ingrid Heberle
Larissa Hejl
Georg Hempel
Claudia Henn
Katrin Hildebrandt
Jörg Hilgers
Christian Hoffmann
Bärbel Holbein
Yvonne Hopf
Torsten Hoppe-Tichy
Florian Huber
Ulrich Jaehde
Henusha Jhundoo
Sigrid Joachimsthaler
Thimm Julian
Hans Junginger
Anna Kebig
Andreas Kiefer
Christoph Klotz
Anja Kohne
Daniela Kolberg
Petra Kolle
Claudia Korf
Edmund Kostewicz
Arne Krappitz
Katharina Kreitmeyer
Katrin Krüger
Julia Kutsch
Galilea Keneth Laisina
Silke Laubscher
Ulrich Laufs
Anna Laven
William Laverty
Rebekka Lenssen
Sven Liese
Hans Lindner
Kristin Lippoldt
Hans-Günter Lund
Sarah Lüthen
Hans-Joachim Maas
Judith Mantzke
Annette Mende
Matthias Meyer
Klaus Michels
Iris Milek
Janet Mirzaei
Jan R. Möbius
Stefan Möbius
Jens-Andreas Muench
Uta Müller
Thomas Müller-Bohn

Carla María Muñoz Tánchez
Solvejg Nasert
Kerstin Neumann
Homajun Nobacht
Jessica Noll
Lawrence Oshinowo
Holger Oßwald
Ernst Pallenbach
Klaus Peterseim
Jochen Pfeifer
Stephanie Pick
Kim Poppenberg
Thomas Preis
Holger Reimann
Katja Renner
Stephan Rich
Leonie Ripke
Malte Ritter
Sebastian Ritter
Ute Sabine Romahn
Olaf Rose
Friederike Roth
Theresa Rueter
Maryam Sandhu
Ana Sarcevic
Patrick Schaefer
Helmut Schlager
Lisa Britta Schlegel
Jan-Frederik Schlender
Kathrin Schmid
Friedemann Schmidt
Linda Schollenberg
Judith Schreier
Martin Schulz
Pia Schumacher
Hanna Seidling
Tugrul Mert Serim
Sven Siebenand
Kai-Peter Siemsen
Iryna Sihinevich
Sven Simons
Holger Stark
Dieter Steinbach
Dieter Steinhilber
Felix Stephan
Dorothea Strauch
Mona Tawab
Shushan Tedia
Cornelia Tönnemann
Dietmar Trenk
Hans-Michael Utz
Danica Van Der Velde
Claudia Vetter
Carina Vetye-Maler
Birgit Vogt
Peter Vorstheim

Karin Walter
Marcel Walther
Gerhard Wandel
Christine Weber
Detlef Weidemann
Nathalie Winke
Berit Winter
Tobias Winter
Andreas Wolf
Heinz-Guenter Wolf
Ronja Woltersdorf
Sabine Wunderlich
Whitley Yi
Germany total: 184

GHANA

Harrison Abutiati
Franklin Acheampong
Zara Addison
Constance Addo-Quaye
Yaw Afrani
Owen Dodzi Agbodo
Abdul Razak Al-Abdneger-Issifu
Edward Amporfuf
Benedicta Asafu-Adjaye
Dennis Awitty
Joseph Bennie
Bernard Boateng
Olivia Boateng
George Boye
Andy Brown
Oscar Bruce
Stephen Corquaye
Daniel Danquah
Akua Darkwah
Charles Dontoh
Mahama Duweijua
Godwin Gulbi
Naphtali Impraim
Joseph Kodjo Nsiah Nyoagbe
James Kyei
Andrews Kyere
Anthony Mensah
Hudu Mogtari
Stephen Kingsley Odoom
Kwabena Akurang Ohene-Manu
Grace Opoku
Eileen Opoku-Asiama
George Owusu
Joseph Owusu-Agyemang
Archibald Partey
Yandaog Kombat Salifu
Kwame Sarpong
Patience Tsegah
Anastasia Yirenkyi
Ghana total: 39

HUNGARY

Ildikó Csóka
Janka Kocsis
Katalin Kovacsne Putnoki
Marianna Sandor
Eva Szoko
Dániel Vértessy
Hungary total: 6

ICELAND

Inga Arnardóttir
Loa Maria Magnúsdóttir
Ólafur Ólafsson
Iceland total: 3

INDIA

Noor Alam
Gurpreet Bal
Sanchari Basu Mallik
Shreya Bendre
Suresh Bhojraj
Rohit Bhosale
Mary Borugadda
Kunal Chadha
Younes Dashti
Magharla Dhanaraju
Arun Garg
Manjiri Gharat
Divakar Goli
Umme Hani
T.H. Indu
Prateek Jain
Forum Jalundhwala
Lakshmi Neelima Katukuri
Deepak Mishra
Pradeep Mishra
Pradeep Muragundi
Sham Lal Nasa
Riyaz Ali Osmani
Yasaswini Palukuru
Naseef Pp
Bisakha Roy
Prem Sharma
Shrestha Sharma
Pawanpreet Singh
Dithu Thekkekkara
Nayanabhirama Udupa
Rao Vadlamudi
Rudra Vaghela
Samhithareddy Yiragamreddy
India total: 34

INDONESIA

Endang Darmawan
Nurul Falah Eddy Pariang
Yahdiana Harahap
Titien Hartayud

Azril Kimin
Maria Lestari
Nisa Masyitah
Karimah Muhammad
Tazkia Farhany Suwandiman
Yulia Trisna
Indonesia total: 10

IRAN

Amirabbas Abdoli
Hoda Abolhasani
Nikoo (Motahareh) Akhoondi Nadab
Parizad Ghanbari Kondori
Alireza Homayouni
Saman Mahdavi
Elaheh Mortazaviani
Soheila Rahmani
Leila Rezaie Shirmard
Elnaz Roohi
Ali Sabouri Shirazi
iran total: 11

IRAQ

Basim Aal-Ezirej
Hanaa Abbas
Reveng Abdulkareem
Sameh Ahmed
Salsal Al-Alamdar
Yehia Al-Azawie
Dunya Al-Duhaidahawi
Aws Al-Ghanimi
Ahmed Ali
Anwer Ali
Majid Ali
Abdulmuttaleb Al-Jawhar
Kadhim Al-Khailani
Maryam Al-Khazaali
Jaleel Al-Lami
Niran Alogaili
Shaimaa Al-Sadoon
Ahmed Alsalami
Arjan Alsaraj
Jamila Al-Sarraj
Muthanna Al-Ttaee
Haydar Al-Tukmagi
Idris Fatah
Hazhan Hama Ali
Bahaa Hamazah
Saeed Hassan
Asmaa Hussein
Turath Ibrahim
Murooj Kadhim
Ahmed Khudhair
Jumaah Mahan
Shadha Mahmood
Noor Malk
Muzda Mawlood

Mohammed Mohammed
Huda Qasim Agha
Almali Sanaa
Kawkab Sa'oor
Sadoof Shakoori
Saad Sharafeldin
Layth Taha
Manal Younus
Iraq total: 42

IRELAND

Catriona Bradley
Martin Henman
James Keane
Dolores Keating
Pamela Logan
Ciara Lonergan
Kathy Maher
Edward Mc Gettrick
Caroline Mcgrath
Rory O'donnell
Darragh O'loughlin
Irene Patterson
Joan Peppard
Aisling Reast
Ireland total: 14

ISRAEL

Howard Rice
Israel total: 1

ITALY

Maximin Liebl
Mariangela Russo
Maria Assunta Ventura
Italy total: 3

JAPAN

Kotome Akashi
Takao Akashi
Manabu Akazawa
Hiroaki Araki
Kazuhiko Arimori
Koichiro Atsuda
Kanakano Azuma
Kenji Fujita
Aya Furukawa
Takaki Gotou
Hideyoshi Harashima
Mitsuru Hashida
Ichiro Ieiri
Michiro Iizuka
Teruko Imai
Tatsuro Irimura
Ken Iseki
Itsuko Ishii
Hiroki Ito

Michiho Ito
Mika Kainuma
Mariko Kaneta
Sachiko Kasamo
Masaru Kato
Watanabe Kazuhiro
Mitsukazu Kitada
Kanayuki Kitahara
Yuji Kito
Anna Kiyomi
Daisuke Kobayashi
Eiko Kobayashi
Kikuko Kogure
Yuki Koshino
Takuya Kumamoto
Shinohara Kuniko
Nahoko Kurosawa
Kazuo Matsubara
Yuya Matsuda
Tomoko Matsumoto
Futaba Miyaji
Masakazu Miyazaki
Noriko Mizushima
Mayumi Mochizuki
Aya Murakami
Shuheji Murayama
Miki Nagai
Shunsaku Nakagawa
Rie Nakajima
Emi Nakashima
Noriyuki Namiki
Yoko Nanaumi
Koji Naora
Katsuya Narumi
Tetsuji Nishimura
Atsuhiko Nishitani
Noriko Ogawa
Yuko Ohmori
Hiroshi Okada
Kenji Okada
Takao Orii
Koji Osawa
Taeyuki Oshima
Akira Otaka
Nobuhiro Oyama
Tetsuya Ozeki
Chie Sakai
Hideo Sakai
Hitoshi Sasaki
Tadanori Sasaki
Mitsuaki Shimada
Hiroshi Suzuki
Masanori Suzuki
Ryofu Suzuki
Junko Takahashi
Megumi Takanashi
Yasuo Takeda

Rieko Takehira
Akihiro Tanaka
Hiroaki Tanaka
Mamoru Tanaka
Yoshikazu Tasaki
Masaki Tashiro
Hiroshi Terada
Takashi Tokoro
Asano Tokube
Akiyo Tokubuchi
Katsushi Tokunaga
Shigeo Tsuji
Hitoshi Uruga
Kazami Ushinohama
Takehiro Wakabayashi
Yoshiteru Watanabe
Tatsuya Yagi
Nobuo Yamamoto
Shigeo Yamamura
Shinji Yamashita
Hitomi Yanagimimoto
Yuichi Yano
Gen Yasuda
Daiki Yasunaga
Yuko Yoshioka
Nagahiko Yumita
Japan total: 102

JORDAN

Lana Abukhader
Emad Al Hijawi
Lama Alhmoud
Samira Goussous
Jordan total: 4

KAZAKHSTAN

Saule Aimambetova
Galina Besonova
Marina Gumennykh
Beibitgul Kalyanova
Bakyt Karabulova
Bakhytkhan Khassenova
Madina Krebayeva
Gulzipa Kugabayeva
Zhanar Kulambayeva
Alma Maskeyeva
Olga Mikhailenko
Moldir Nurbayeva
Tatyana Polunina
Tatyana Sairbayeva
Svetlana Shulga
Vladimir Stelmakh
Nurilya Tastanova
Viktoriya Zvyagintseva
Kazakhstan total: 18

KENYA

Sara Agak
Michael Kabiru
Apollo Maima
Jayesh Manharlal Pandit
Kenya total: 4

KOREA, REPUBLIC OF

Soo Kyung Bae
Kyung Shin Baek
Joon Seok Bang
Seok Goo Chang
Chan Hwi Cho
Sung Min Cho
Sunnam Cho
Hyeyun Choi
Seungmi Choi
Yongjoo Choi
Se-Young Choung
In Koo Chun
Hye Rim Chung
An Na Go
Jin Tae Hong
Myoung Ja Hong
Mal Sook Jang
Sang Hoon Joo
Kyung In Joung
Hye Kyung Kang
Minku(Mike) Kang
Eunjung Kim
Jong Hwan Kim
Soo Ro Kim
Wi Hag Kim
Young Hee Kwon
Beom-Jin Lee
Chang Hyun Lee
Hwa Jin Lee
In Sook Lee
Jae Moung Lee
Kwang Sub Lee
Moon Soon Lee
Sang Ho Lee
Youngmi Lee
Chae Kyu Lim
Hyun Suk Park
Eun Joo Shim
Dong Hwan Sohn
Uy Dong Sohn
Hae Ri Son
Jae Kyum Song
Dong Suh
Jung Sook Suh
Soo Ja Sung
Jin Wook Tak
Duk Sook Yang

Chul Soon Yong
Kyung Sook Yoo
Republic of Korea total: 49

KOSOVO

Arbenita Avdyli
Lindita Avdyli
Armond Daci
Zehadin Gashi
Armend Jashari
Naim Morina
Adnan Mustafa
Arbenita Pajaziti
Denis Raka
Hana Ramadani
Durim Sadiku
Driton Shabani
Kosovo total: 12

KUWAIT

Abdulrahman Aloumi
Maryam Alowayesh
Hamad Alsultan
Yaser Behbehani
Pierre Moreau
Kuwait total: 5

LATVIA

Viktorija Igumnova
Sabine Lauze
Baiba Maurina
Inta Saprovska
Inese Sviestina
Latvia total: 5

LEBANON

Clara Abi Fadel
Marwan Akel
Pascale Baron
Hanaa Bassam
Suzanne Chaitou
Wael Abi Ghanem
Rabih Hassouneh
Elie Nehme
Mohamad Rahal
Lebanon total: 12

LITHUANIA

Liudas Ivanauskas
Edita Kizeviciene
Arturas Nastaravicius
Justina Sarg nait
Jurga Stankunaite
Eduardas Tarasevi ius
Indre Treciokiene
Lithuania total: 7

MACEDONIA

Galina Antevska
Biljana Gjorgjeska
Macedonia: 2

MALAWI

Nettie Dzabala
Lutz Heide
Malawi total: 2

MALAYSIA

A Halim Basari
Chiew Kuan Chan
Benny Effendie
Md Yusof Faridah
Jamilah Haji Metusin
Jason Hong
Ibrahim Jantan
Chee Lan Lau
Jack Shen Lim
Ly Sia Loong
Khairun Nor Aripin
Paraidathathu Thomas
Yin Yen Wong
Malaysia total: 13

MALTA

Lilian Azzopardi
Jeffrey Cassar
Kathlene Cassar
Stephanie Magro
Anthony Serracino Inglott
Malta total: 5

MEXICO

Carmen Giral
Maria Elena Mexico Gonzalez
Beatriz Martínez Pérez
Luis Mora
Mexico total: 4

MOLDOVA

Zinaida Bezverhni
Ina Bolocan
Nicoleta Spînu
Moldova total: 3

MONGOLIA

Tavanjin Budjav
Batchimeg Dash-Yandag
Gereltuya Dorj
Nyamaasuren Ganbat
Enkhtuvshin Gavaa
Tsatsral Ichinkhorloo
Munkhzul Mishig
Bayarjavkhan Nachintseren
Munkhnasan Purevjav
Tul Shar

Baigali Tumurbaatar
Oyunbileg Zorigt
Zuzaan Zulzaga
Mongolia total: 14

MONTENEGRO

Ana Cukic
Djulija Hadzibeti
Katarina Milosevic Kostadinovic
Montenegro total: 3

NAMIBIA

Timothy Rennie
Heike Ritter
Ulrich Ritter
Namibia total: 3

NEPAL

Dhaka Bhandari
Anup Luitel
Eurek Ranjit
Nepal total: 3

NETHERLANDS

Ismail Adiyaman
Parand Akhavan
Wilbert Bannenberg
Luc Besançon
Johannes Boelstra
Job Boiten
Edwin Bos
Frans Bosman
Yvonne Bouwman
Margo Briejer
Brenda Brinksma
Robert Broeksema
Joana Carrasqueira
Ka-Chun Cheung
Conny Claessens
Paula Cohen
Meindert Danhof
Han De Gier
Linda De Graaf
Cindy De Vries
Sandra Dieleman
Wim Gottgens
Wilma Göttgens-Jansen
Froukje Harkes-Idzinga
Jean Hermans
Atty Hielema
Amela Hozo
Bart Jansen
Monique Kappert
Fikria Karinanur
Gerben Klein Nulent
Tamara Koehler
Zuzana Kusynová

Teresa Leonardo Alves
Jeltje Luinenburg
Adian Magomedov
Maria Merckx
Robert Moss
Marielle Nieuwhof
Debby Oliveiro
Laurens Oort
Tomomi Ota
Endrieen Prajitno
Carolien Raaben
Manusika Rai
Jan Willem Ruskamp
Tom Sam
Paulien Schul
Laurens Schulpen
Lina Schut-Kwee
Marysol Silva
Jan Smits
Mike Spijker
Mireille Swakhoven
Léon Tinke
Dick Tromp
Frans Van De Vaart
Bart Van Den Bemt
Frans Van Den Houdt
Carola Van Der Hoeft
I.H. Van Der Sijs
Oliver Van Der Spek
Rachel Van Kesteren
Foppe Van Mil
Berry Van Schaik
Richard Van Slobbe
Michiel Van Zeil
Randi Vat
Miranda Verheij
Lin-Nam Wang
Marnix Westein
Daphne Wiskerke
The Netherlands total: 73

NEW ZEALAND

Jane Dawson
Natalie Gauld
Owain George
Sunita Goyal
Shaheen Mannan
New Zealand total: 5

NIGERIA

Hamisu Abdul Azeez
Mohammed Abdulkadir
Idris Abdullahi
Ajayi Abimbola Victoria
Bashir Abubakar
Roseline Abumere
Chinyere Achusim

Olufemi Adebayo
Adenipekun Adebisi
Adannaya Adebona
Ekipedeme Adeduro
Samuel Adekola
Faderemi Adekunle
Omobolanle Adekunle
Bolante Adeniran
Owodunni Adeola
Oyerinde Adeoye
Olayinka Adeyemi
Oluwatosin Adeyemi
Ehizogie Adeyeye
Anigioro Afolake Abiodun
Ethel Agbroko
Oluwole Ajayi
Tunde Akanmu
Anthony Akhimien
Caroline Akinsipe
Olumide Akintayo
Nengi Alagoa
Temitayo Alegbejo
Ardo Ali
Dandidi Ali Garba
Albert Kelong Alkali
Aruya Anthonia Onohijereagbon
Olamide Samuel Anthony
Oyawole Anthony Bola
Miriam Anyai
Nkechi Anyanwu
Adeola Ariyo
Mary Ashindoitang
Lekan Asuni
Olufemi Atolagbe
Johnson Awa
Arinze Awiligwe
Iyabode Awofuwa
Daniel Awolaja
Susan Ayetoro
Adegeye Ayomipo
Ibrahim Ayuba
Okwor Azubike Boniface
Chinedum Peace Babalola
Fagbemi Babatunde
Modupe Bakare
Gwaram Bala Garba
Umar Bilkisu
Ibrahim Maliru Binji
Elizabeth Bob-Manuel
Otohabru Bravo Babjiru
Oluwatimilehin Caroline
Adaobi Chibuogwu
Jude Chidolue
Ijomanta Chioma
Otuto Chukwu
Chioma Chukwubike
Oligbu Chukwuma Philip

Bosede Chukwumah
 Atonye Cooney-Gam
 Magaji Dahiru Zarewa
 Yoila Dakop
 Ngo Dakoru Whyte
 Okoye Daniel Chukwudum
 Sunny Deekae
 Chikaodili Dike
 Chidi Dozie
 Anthonia Dunkwu
 Chioma Duru
 Maureen Ebigbeyi
 Onyeka Eboh
 Ikponmwosa Ediae
 Nonye Egbuaba
 Ezinne Ekeke
 Obinna Ekekwe
 Obinna Ekwom
 Chisanum Elechiigwe
 Duru Emeka Callistus
 Evangeline Enaika
 Aromiwura Esther Yetunde
 Bella Etukudo
 Chidiebere Eze
 Obiefuna Patrick Eze
 Ngozi Ezeani
 Valentine Ezeanochikwa
 Valentine Ezeiru
 Obinna Ezenweinyinya
 Eugenia Ezeugo
 Nonye Ezim-Ochi
 Olufemi Fafiolu
 'Gbenga Falabi
 Ajayi Felix Taiwo
 Taiwo Filusi
 Lawal Folasade Olufunke
 Iyiola Gbolagade
 Bukky George
 Mohammed Hashiya Gungura
 Monica Hemen Hemen Eimunjeze
 Makinde Henry
 Friday Iboi
 Nwachukwu Idemili
 Osita Idemili
 Popoola Idris Bola
 Agbomma Igbokwe
 Martin Igbonacho
 Osaretin Igiozee
 Ukagha Igwe
 Anietom Igweobi
 Oguguo Lilian Iheyinwa
 Solomon Ikpefan
 Oreva Christy Ikpolo
 Amaka Rebecca Iloh
 Chinonso Iloh
 Thomas Ilupeju
 Williams Imoiboho

Steve Iruedo
 Abubakaer Isa Balarabe
 William Iya
 Rakiya Iyamabo
 Osasere Iyare
 Damian Izuka
 Hafsat Jimoh
 Khadijah Jimoh
 Mayur Khakhar
 Garba Mohammed Khalid
 Grace Lang Ityav
 Sikiru Lawal
 Emeka Machie
 Yakubu Maji Isah
 Yabo Makoshi
 Ifeyinwa Mgbeafuluba
 Adekoya Mobolanle Abisola
 Adebisi Modupe
 Elijah Mohammed
 Joan Naeche
 Ezenwanyi N-Chris
 Ifeoma Ndobu
 Chukwudi Ngene
 Omenyi Nkiruka Eliazbeth
 Helen Nmadu
 Henrieta Nwabuobi
 Edith Nwachukwu
 Uzodimma Nwangwu
 Bruno Nwankwo
 Olisenekugo Nwedozi
 Immaculata Nyong
 Nwamaka Nzewi
 Isa Obaje
 Juliet Onyinyechukwu Obi
 Olabanji Obideyi
 Chimezie Obiwulu
 Margaret Obono
 Rachel Odesanya
 Elizabeth Odili
 Helen Oduntan
 Victor Ofobrukueta
 Mary-Ann Ofodile
 Esther Ogbeide Ikponmwosa
 Titilayo Ogieriakhi
 Abiodun Ogundaini
 Temidayo Ogunleye
 Oyeleke Ogunsola
 Ifeyinwa Ohiaeri
 Powell Ojigbo
 Lolu Ojo
 Christian Okafor
 Ernest Okafor
 Ukamaka Okafor
 Amadi Okocha
 Theresa Okonji
 Solomon Okorie

Ifeanyi Okoye
 Ukamaka Okoye
 Viola Okoye
 Ifedola Olojo
 Ajayi Olubukola Adunni
 Adeyeye Olukemi Gbemisola
 Obube Olumide
 Moses Oluwalade
 Soremekun Oluwasegun
 Adeyemi Oluwatosin
 Samson Omattah
 Sikiru Lawal
 Popoola Omobolaji
 Falase Omolola
 Kofoworola Onagbola
 Segun Onakoya
 Grant Onedo
 Titilayo Onedo
 Oluwatobi Onipede
 Chiedu Mordi
 Ikechukwu Onyechi
 Chinwe Onyeka
 Jasper Onyeka
 Simon Chuks Onyibe
 Tonye Opuda
 Yeji Oseni
 Unwana Osom
 Adebimpe Otesanya
 Barovbe Ovie
 Gabriel Oyedemi
 Okunuga Oyesunlola
 Ebere Ozor
 Onyekachi Winifred Ozorji
 Kaneng Pam
 Nwaeke Paul
 Ejimokun Peter
 Yakubu Rabi
 Momodu Rametu Omamegbe
 Abimbola Remigus
 Habibu Ringim
 Ogunbande Rotimi
 Kehinde Salako
 Kamili Salisu
 Olufemi Sekudo
 Olusola Solarin
 Moyinoluwa Taiwo
 Aliu Taiwo Olubukola
 Awoere Teme
 Oluwapelumi Tubi
 Nneka Ude
 Nwamaka Ugochukwu
 Nkechi Ugwa
 Ernest Ugwu
 Patrick Ugwumba
 Victoria Ukwu
 Gloria Chioma Ukwuoma
 Sunday Urama

Felicia Usen
 Osak Uwubanmwun
 Margaret Vann
 Adejumo Moyosore Wuraola
 Favour Wusu
 Nigeria total: 239

NORWAY
 Hege Amundsen
 Mette Aune
 Hilde Irene Berg
 Ingunn Björnsdóttir
 Svein-Olav Elvegaard
 Per Kristian Faksvag
 Ellen Finstad
 Kari Grønås
 Svein Haavik
 Asko Heikkila
 Hege Helm
 Irene Hope
 Ragnar Hovland
 Thrina Loennechen
 Per Lund

Mona Lyftingsmo
 Stein Lyftingsmo
 Bror Mentzoni
 Milos Milenkovic
 Berit Regland
 Lisbeth Ressem
 Bodil Røkke
 Eirin Steinshamn
 Eva Tollefsen
 Greta Torbergesen
 Oddbjorn Tysnes
 Steinar Vik
 Anne Berit Walter
 Guri Wilhelmsen
 Tove Ytterbø
 Norway total: 30

OMAN
 Hamad Al Mehrizi
 Faisal Al Balushi
 Sara Al Balushi
 Khalid Al Habsi
 Jannat Al Lawati
 Ibrahim Al Rashdi
 Ali Ahmed Alrawahi
 Osama Babikir
 Amal El Said
 Manickam Janarthanam
 Oman total: 10

PAKISTAN
 Syed Khalid Saeed Bukhari
 Abdullah Dayo
 Muhammad Riaz Khan
 Sidra Khan
 Nematullah Nawrozian
 Feroza Perveen
 Abdul Hafiz Quraishi
 Yasir Shafiq
 Syed Zaheer Ali Shah
 Pakistan total: 9

PANAMA
 Leida Barrios
 Mohamed Bin Shahna
 Beatriz Gomez
 Panama total: 3

PARAGUAY
 Blas Vázquez
 Paraguay total: 1

PERU
 Aldo Alvarez-Risco
 Peru total: 1

PHILIPPINES
 Arianne Diane Aninon
 Maria Victoria Besa
 Chrissan Bravo
 Mac Ardy Gloria
 Leonila Ocampo
 Paul Marvin Quizon
 Yolanda Robles
 Roderick Salenga
 Philippines total: 8

POLAND
 Tomasz Baczek
 Jolanta Bilinska
 Magdalena Borkowska
 Telejko Elwira
 Barbara Filipek
 Edmund Grzeskowiak
 Anna Jablecka
 Szczepanski Jacek
 Roman Kaliszczan
 Piotr Merks
 Helena Nowak
 Krystyna Olczyk
 Damian wieczkowski
 Sawicki Wieslaw
 Poland total: 14

PORTUGAL
 Teresa Almeida
 Ana Barrias
 Jorge Pedro Barroso Batista
 Maria Manuel Beleza Moreira
 Andreia Bruno
 Paula Camões
 Alexandre Campos
 Maria Carvalho
 André Cavaleiro Madeira
 Manoel Cerdeira E Sá
 Miguel Coimbra
 Ricardo Correia Pereira
 Maria Luísa Costa
 Mariana Costa
 Suzete Costa
 Carlos Cotrim
 Ricardo Cotrim
 Ana Cristina Couto Ribeiro
 Isabel Dias
 Ana Catarina Duarte
 Marilene Estanqueiro
 Sonia Faria
 Maria Do Céu Franco Fernandes
 António Freitas
 Maria Estrella Garcia Gonzalez
 Nelson Gomes Dos Santos
 Nureisultana Habib
 Maria Rute Horta
 João Joaquim
 Mafalda Koppensteiner
 Luis Lourenco
 Ana Paula Martins
 Humberto Martins
 Carlos Maurício Barbosa
 Joana Melo
 Bruno Mendes
 Maria João Mendes
 Jaqueline Moço
 Ema Paulino
 Arminda Pinto Rodrigues
 Sónia Queirós
 Diogo Repas
 Diana Rocha E Silva
 Amadeu Rodrigues Carvalho
 Mariana Rosa
 Duarte Santos
 Diana Santos Ferreira
 Ana Margarida Silva
 Ana Silveira
 João Silveira
 Diogo Sousa E Silva
 Christian Taveira
 Maria Luísa Teixeira
 Portugal total: 55

QATAR

Mohamad Abdelaziz
Tarek Ahmed
Amani Alhaddad
Elsayed Baraya
Ayman El-Kadi
Nadir Kheir
Qatar total: 6

ROMANIA

Ioan Antofie
Gabriela Babalac
Dana-Erna Coltofeanu
Elena Fasniuc
Andreea Floroiu
Cristina Grigore
Oana Harsescu
Cristina-Gabriela Stecoza
Alexandra Stoica
Carmen Sultan
Romania total: 11

RUSSIAN FEDERATION

Vladimir Babiy
Natalia Chukreeva
Anton Karasavidi
Andrei Meshkovski
Igor Narkevich
Natalia Shiltseva
Elena Trofimova
Roza Yagudina
Russian Federation total: 8

SAUDI ARABIA

Mansour Al Howaitan
Hanadi Al Sabban
Osama Alahmadi
Zakariya Aldobayan
Ibrahim Alghamdi
Hisham Aljadhey
Ziyad Aljohani
Khalaf Aljumah
Fayez Alshehri
Saudi Arabia total: 9

SERBIA

Marija Bajcic
Jasminka Bjeletic
Zorica Brajkovi
Aleksandra Buha
Uros Cakar
Ana Divac
Nina Dragicevic Curic
Olivera Dziknic
Ivana Gagovic
Vukica Kocic-Pesic
Mirjana Maksimovic

Vesna Matovi
Natasa Nedic
Miljana Nenkov
Dragoslav Petronijevic
Maja Plavsic
Marija Popovic Milenkovic
Vesna Radunovic
Dragana Rajkovic
Milan Rakic
Mika Simisic
Ana Spasi
Mirjana Stefanovic
Mira Stojanovic
Tatjana Stojicevic
Mirjana Tasic
Jasna Urosevic
Maja Vragolic
Bojana Vucelic
Dragan Vujadinovic
Natasia Vukovic
Nina Zdravkovic
Serbia total: 32

SIERRA LEONE

Mohamed Conteh-Barrat
Sierra Leone total: 1

SINGAPORE

Lita Chew
Rachel Ee
Hui Leng Lim
Annie Siau
Choon Kee Tey
Tuck Seng Wu
Singapore total: 6

SLOVENIA

Ivanka Brus
Sabina Grm
Ursa Jarc
Bostjan Martinc
Tomaž Mezgec
Aljaž Pismanik
Darja Potocnik
Ana Preglav
Irena Pusnik
Polona Reiter
Maja Šer i
Matjaz Tuš
Andreja Vravnik
Slovenia total: 13

SOUTH AFRICA

Gary Black
Shirley-Anne Boschmans
Mano Chetty
Tammy Chetty

Zaheera Dindar
Jan Du Toit
Mariet Eksteen
Andrew Gray
Ivan Kotze
Johann Kruger
Kobus Le Roux
Maides Malan
Sarel Malan
Tokolo Masango
Lizette Monteith
Sham Moodley
Natasha Neveling
Sandra Van Dyk
Christine Venter
South Africa total: 19

SPAIN

Jaime Acosta Gomez
Jesus Aguilar
Javier Alvarez
Marta Alvarez
Luis Amaro
Dolores Fernández
Nuria Fernández Pérez
Raquel Garcia Escolano
Teresa Garrigues
Victor Gil Rodriguez
Victoria Gomez-Murcia
Josep Maria Guiu
Blanca Gutierrez-Colomer
Maria Rosa Jiménez-Castellanos
Rosa Lopez-Torres
Pablo Marti Andres
Laura Martin Gutierrez
Marina Paniagua Lopez
Carmen Peña Lopez
Oscar Penin
Baltasar Pons
Sonia Ruiz
Gonçalo Sousa Pinto
Inaki Troconiz
Benigna Villasuso
Spain total: 25

SRI LANKA

Chinta Abhayawarda
Jayantha Tikiri Kumara Gamhewage
Dhanusha Thambavita
Sri Lanka total: 3

SUDAN

Rayan Abdelmagid Osman
Abeer Abdelrazig Eljack Ibrahim
Ammar Ali Ahmed Abdelraheem
Momen Ali Osman Mohammed
Ahmed Elrashed Mohamed Ali

Mohammed Ahmed Elrayah
Mohamed Kamal Mirghani Elsaied
Lama Ibrahim Ga Gaafar
Ayaa Gamal Mohamed Hassanain
Amgad Hassan Mohamed Ahmed
Shadia Ismaiel Mohamed Saied
Elabbassi
Salah Kheder
Osama Merghani Ahmed
Omer Mirghani Elamin
Mohamednour
Ahmed Mohamed Muzzmail
Albasher
Alaa Abdalla Fadlalla Munis
Elaf Omer Elfarouk Ahmed
Dina Tagelsir Mohamed Elhassan
Wala Tyrab
Sudan total: 19

SWAZILAND

Sara Padidar
Swaziland total: 1

SWEDEN

Gunilla Andersson
Marian Attalla
Anna Beckman Gyllenstrand
Nils Bergeå Nygren
Kristina Billberg Fritjofsson
Thony Björk
Helena Calles
Catharina Claesson
Lisa Ekstrand
Anette Falk
Agneta Freijs
Helena Gustafsson
Katja Hakkarainen
Clary Holtendal
Claes Jagensjö
Carina Jansson
Ulf Janzon
Birgitta Lange Sjöblom
Elin Lindhagen
Malkolm Jems Makdesi Elias
Inger Nasman
Eva Carina Nedergård
Kristina Niemi
Anders Pesula
Lars-Ake Söderlund
Robert Svanström
Maria Swartling
Sweden total: 27

SWITZERLAND

Isabelle Arnet
Pascal Bonnabry
Michel Buchmann

Olivier Bugnon
Angela Calianno
Alan Chalmers
Astrid Czock
Bruce Eshaya-Chauvin
Thomas Fejer
Susanne Galliker
Kurt Hersberger
Maria Hitziger
Dominique Houstek
Pedro Inacio
Dominique Jordan
Sabine Kopp
Nenad Kostanjsek
Kaspars Lunte
Nigorsulton Muzafarova
Florence Pesenti
Thierry Philbet
Martine Ruggli
Florian Sarkar
Chithra Sarkar-Keller
Andreas Schmid
Ursula Steineberg
Kwok-Cho Tang
Fabian Vaucher
Sandrine Von Grunigen
Agathe Wehrli
Nicolas Widmer
Gabrielle Wiederkehr
Switzerland total: 33

TANZANIA

Nelson Faustine
Issa Hango
Michael Kishiwa Francis
Francis Kittinga
Zainabu Nyamungumi
Winna Shango
Elizabeth Shekalaghe
Fritz Steinhausen
Boniphace Thomas
Geoffrey Yambayamba
Tanzania total: 10

THAILAND

Rathapon Asasutjarit
Suwaciccha Attavorrarat
Pansak Booranabanyat
Saisamorn Charoenngampit
Pansu Chumworathayi
Supaporn Chuntorn
Urai Ieoseeyok
Napaphak Jaipakdee
Thanuchat Jaksupa
Jariya Ketkaew
Pakorn Kraisit
Nuntamon Laohanant

Ekapol Limpongsa
Kusawadee Maluangnon
Malinee Nunrunroj
Sitanun Poonpolsub
Montakarn Rahong
Yaowapha Shaijarernwana
Wilaiporn Sirisorn
Chomromporn Srinuan
Jitsomanus Suporn
Wimon Suwanekesawong
Parkpoom Tangcharoenpaisarn
Sewan Theeramunkong
Siwarin Thongwat
Aree Tongreian
Jantana Undhisote
Jinda Wangboonskul
Werawan Yaowiwat
Thailand total: 29

TURKEY

Omer Abaci
Abdikarim Abdi
Nibal Abunahlah
Haider Al-Baghadi
Gulin Amasya
Muhammet Arpa
Filiz Atalay
Mert Atçi
Ethem Bicer
Fatma Bilgen Bilge
Serif Boyaci
Emre Ça lar
Derya Cicek Polat
Fuat Comertoglu
Ali Edis
Muharrem Elbasan
Cetin Gul
Onur Gültekin
Atilgan Kamaz
Hasan Kar
Songul Karakaya
Burcu Kelleci
Harun Kizilay
Saban Murat Kolcak
Ayse Lerzan Koroglu
Cansel Kose Ozkan
Omer Kosk
Esra Kucuk
Aykut Kursun
Berkan Kurt
Osman Nevzat Kurtoglu
Lale Ku cu
Huseyin Yilmaz Manav
Necip Mercan
Mirjana Milic
Adil Levent Ocalan
Ali Cem Oguzcan

Hasan Organgil
Gulin Oskui
Basseem Radwan
Naim Tiritoglu
Mehmet Servet Tuzun
Arman Uney
Neslihan Üstünda Okur
Hasan Fehmi Yorukoglu
Turkey total: 45

UGANDA

Richard Adome
Uganda total: 1

UKRAINE

Olga Grintsova
Oleg Klimov
Ukraine total: 2

UNITED ARAB EMIRATES

Christiana Ekwutos Akpa
Ola Al Ahdab
Sohaila Alawadhi
Saba Aljasmī
Botros Beshay
Attracta Dsilva
Gudrun Hubinger
Rukayat Modupe Oyawole
Syed Ilyas Shehnaz
United Arab Emirates total: 9

UNITED KINGDOM

Sina Akhondi
Mary Akpan
Muna Al Juma
Ahmed Al-Hilli
Claire Anderson
Raymond Anderson
Sotiris Antoniou
Naoko Arakawa
Jennifer Archer
Martin Astbury
Asa Auta
Lina Bader
Abdul Basit
Ian Bates
Diane Blunden
Tom Bosire Menge
Xiulian Jasmine Cai
Donald Cairns
Ryan Chan
Teeraporn Chanakit
Stephen Chapman
Grace Yun Oi Chong
Aaron Cockell
Stephen Curtis
Scott Dalgliesh

Cynthia Danquah
Bryony Dean Franklin
Maggie Dolan
Ina Donat
Michael Dowdall
Catherine Duggan
Laura Fanthope
Gordon Geddes
Helen Gordon
Trevor Gore
Candida Halton
Trudi Hilton
Michael Holden
Chileme Itheme

Feras Jirjees
Christopher John
Christopher John
Dai John
Trevor Johnson
Gareth Jones
Michael Leane
Acacia Pik Kay Leong
Elaine Linnane
Thomas Lonngren
Katie Maddock
Andrea Manfrin
Fin Mccaull
Lindsay Mcclure
Kaspars Melkis
Kamal Midha
Dorcas Masitsa Muchende

Brendan Murray
Ahmed Omar
Samuel Orubu
Kevin Park
Kendal Pitt
Sir Michael Rawlins
David Raynor
Marianne Rial
Stephen Robinson
Helena Rosado
Cristin Ryan
Ravi Sharma
Adrian Shephard
Dirk Simonis
Ash Soni
Patrick Stubbs
Bindi Savjibhai Tank
Phil Tregunno
Geoffrey Tucker
Arit Udoh
Chinonso Uruakpa
Genevieve Chinonso Uruakpa
Alan Wailoo
James Waldron
Helen Williams

Joy Wingfield
Carwen Wynne Howells
United Kingdom total: 84

USA

Ivo Abraham
Paul Abramowitz
Joseph Adams
Chuck Adcox
Joyce Addo-Atuah
Dhfer Al Shayban
Fadi Alkhateeb
Tammy Allen
Ralph Altieri
Lowell Anderson
Michael Anisfeld
Miriam Ansong
John Armitstead
Terry Audley
Ebtissam Badawoud
Kevin Bain
Katherine Pedro Beardsley
Robert Beardsley
Kathy Benderev
Marialice Bennett
Barry Bleidt
Joseph Bonnarens
Jill Boone
Marc Boutin
Douglas Bricker
Tina Brock
Sudax Murdan
Malcolm Broussard
Lawrence Brown
Patricia Bush
Carmen Catizone
Kelly Caudle
Madeline Chavara
Sandy Chong
Sherwanna Clarke
Kari Clase
Joel Claycomb
Dale Coker
Lynn Crismon
Wafa Dahdal
Chantale Daifi
Yen Dang
Paula Decola
Mary Degenhart
Debra Devereaux
Carolyn Dewart
Lisa Deziel
Joseph Dipiro
William Doucette
Sharon Durfee
Fred Eckel
Stephen Eckel

Sara Farhodi
Daniel Farney
Robert Finck
Ryan Forrey
Josephine Fubara
Tom Gaylord
Diane B. Ginsburg
Harold Godwin
Jean-Venable Goode
Scott Griggs
Christine Hanks
Alan Hanson
R. Donald Harvey
Michael Haulsee
Pamela Heaton
Dennis Helling
John Hertig
Nga Ho
Sheldon Holstad
Kimberley Hunt
Marianne Ivey
Judith Jacobi
Ryan Jacobsen
Brenda Jensen
Erin Jensen
Alexander Joachim
Julie Johnson
Laure Jonkman
Mohan Joshi
Abby Kahaleh
John Kapioski
Michael Katz
Stan Kent
Vimal Kishore
Susan Kleppin
Alexandr Kosyak
James Krebs
Amy Kruger Howard
Miranda Law
Brian Lawson
Robert Leopold
Donald Letendre
William Letendre
Eugene Lutz
Kayley Lyons
Neil John Mackinnon
Lynnae Mahaney
Lucinda Maine
Wanda Maldonado
Jodie Malhotra
Henri Manasse
Brittany Mani
Walt Marlowe
Gary Matzke
Stacey May
Everett Mcallister
Judith Mccarthy

Heike Mcclellan
Christopher Mccurdy
Kyle Melin
Thomas Menighan
Patricia Meyer
Cody Midlam
Majid Moridani
Marilyn Morris
Stephen Mullenix
Emmanuel Nfor
Edith Nutescu
Svein Oie
Matthew Osterhaus
Katie Owen
Sheena Patel
Jean Paty
Giovanni Pauletti
Jonathan Penm
Sharon Pichon
John Pieper
Ronald Piervincenzi
Charles Pollack
Lisa Potter
Emily Powell
Kenneth Roberts
Daniel Robinson
Magaly Rodriguez De Bittner
Mike Rouse
Sherifat Salami
Joseph Saseen
Elisabeth Sattler
Kenneth Schafermeyer
Phil Schneider
Marieke Schoen
Terrence Schwinghammer
James Scott
Sarah Scoular
Laura Shane-Mcwhorter
Jerry Siegel
Steve Simenson
Douglas Slain
Walt Slijepcevic
Jenelle Sobotka
Dominic Solimando
Nita Sood
David Steeb
Susan Stein
Jim Stevenson
Robert Straka
Vaiyapuri Subramaniam
Dhiren Thakker
Thomas Thielke
Terrye Thompson
Alice Till
Toyin Tofade
Hoai-An Truong
Benjamin Urick

Lee Vermeulen
Albert Wertheimer
Mandy Zheng
Joseph Zorek
USA total: 170

URUGUAY

Carlos Lacava
Virginia Olmos
Eduardo Savio
Uruguay total: 3

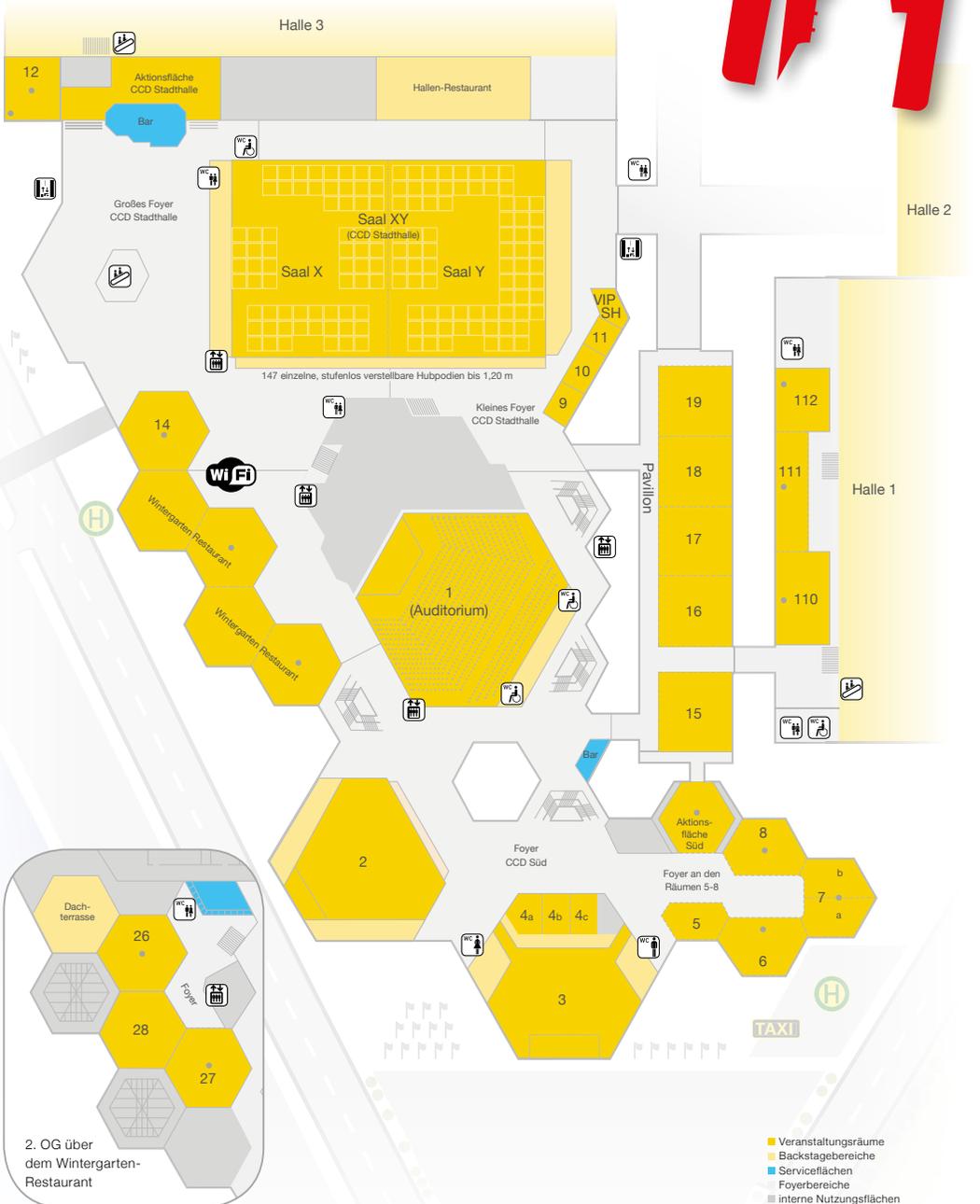
ZAMBIA

Chiluba Mwila
Jocelyn Chaibwa
Patricia Chenayi Nyandoro
Peter Rollason
Zimbabwe total: 4

YES

NO

CONGRESS CENTER DÜSSELDORF



2. OG über dem Wintergarten-Restaurant