

Second Announcement

# 5th FIP Pharmaceutical Sciences World Congress (PSWC)

Melbourne, Australia  
13-16 April 2014

## Pharmaceutical Sciences beyond 2020 – The Rise of a New Era in Healthcare



PSWC:  
THE ONLY TRULY  
INTERNATIONAL  
PHARMACEUTICAL  
SCIENCES  
CONGRESS

A very exciting venue, where the leading pharmaceutical scientists from across the globe will meet to discuss the future: Where will the pharmaceutical sciences be beyond 2020? What should be our focus? What will be the break-throughs and the pitfalls? How can we meet the biggest challenges?

Join us in dynamic Melbourne and discover how we are on the verge of a new era in healthcare.

#### ATTEND PSWC 2014 TO:

- Network with key leaders in pharmaceutical sciences from all over the world
- Learn from leading experts on what will happen beyond 2020
- Enjoy hearing high level speakers recount their latest research findings in plenaries, keynotes, workshops, debates, roundtables and unique regional showcases
- Attend the parallel APSA (Australasian Pharmaceutical Science Association) and DDA (Drug Delivery Australia) congresses
- Enjoy beautiful Melbourne, known as 'the world's most livable city'

#### REGISTRATION

REGISTRATION OPENS → 1 AUGUST 2013

ABSTRACT SUBMISSION DEADLINE → 1 DECEMBER 2013

WWW.FIP.ORG/PSWC2014

#### YOUR HOST:

The International Pharmaceutical Federation



#### YOUR CO-HOSTS:



# PHARMACEUTICAL SCIENCES BEYOND 2020 – THE RISE OF A NEW ERA IN HEALTHCARE

Co-sponsored by many of the world's leading pharmaceutical science and educational organisations, the International Pharmaceutical Federation (FIP) is pleased to bring the 5<sup>th</sup> PSWC to Melbourne, Australia in 2014.

Not only will the congress uphold its world-renowned reputation for top quality speakers, symposia and posters, but will once again provide a forum for the most extensive international network of pharmaceutical scientists to make an impact on the future of pharmaceutical sciences and global healthcare.



The programme will discuss scientific discovery and progress in the context of such issues as emerging markets, with a focus on Asian pharmaceutical sciences and the regulatory framework that supports them and a special stream on pharmacoepidemiology.

The PSWC 2014 conference will also stimulate the development of a new generation of visionary and ground-breaking pharmaceutical scientists through special activities for students.

## PROGRAMME

The broad programme is constructed around 6 main themes:

1. Technologies for tomorrow's medicines
2. Solving the secrets of the cell
3. The power of shared information
4. East meets West
5. Medicines where they matter most
6. Meeting society's needs

Social Events: 3 planned social events for networking opportunities and entertainment

### > Opening Ceremony

Exhibition hall – Sunday 13 April 2014

### > Welcome Reception

Exhibition hall – Sunday 13 April 2014

### > Congress Dinner

The Palladium at Crown – Tuesday 15 April 2014

SOCIAL  
EVENTS!



BUY TICKETS  
ONLINE VIA  
[WWW.FIP.ORG/  
PSWC2014](http://WWW.FIP.ORG/PSWC2014)

## STUDENTS: WHAT'S IN IT FOR YOU?



Students love Melbourne and at the 5<sup>th</sup> Pharmaceutical Sciences World Congress, students will be welcomed as never before. Through interactive programming featuring leading international authorities across multiple disciplines, PSWC 2014 will offer students deep insights into the future direction of the pharmaceutical sciences.



You will learn about emerging pharmaceutical markets with a major focus on the dynamic Asia Pacific sector and hear of industry trends that will shape your future. Our unique Australian style exhibition and showcase will provide unique student opportunities including a career centre and opportunities for direct engagement with global pharmaceutical science leaders. Fun, student centred social activities throughout the Congress will also ensure you have a time to remember. No Congress will provide a better platform for you to shape your career as we head towards 2020.



## MELBOURNE – THE WORLD'S MOST LIVABLE CITY

Visitors will find that Melbourne is an exciting city to explore. Modern architecture and design is juxtaposed with heritage buildings reflecting Australia's unique history.

But beneath the city's impressive façade, lies the true heart and soul of the city; laneways which snake the city grid to reveal cafés and bars, fashion houses, boutiques, innovative cuisine, galleries, theatres and museums. Melbourne is a city that's a cinch to explore, with flexible and no-fuss ways to move around town. Bike tracks, waterways, trains, trams and taxis transport you through the city and make you a part of its action. You can also cruise, cycle or walk to attractions and events around the city.

**AUS** | CURRENCY → Australian Dollar (AUD)

**CLIMATE** → Moderate oceanic climate  
(April average min temp. 14°C, max. 25°C)

**TIMEZONE** → AEST (UTC+10) time

### TOP 15 THINGS TO DO IN MELBOURNE

- 1 Stroll, skate or soak up the sun on the St Kilda beach promenade
- 2 Join in the festivities at one of Melbourne's many free public events
- 3 Discover Australia's Aboriginal culture on a Koorie Heritage Walk
- 4 Dine in the Colonial Tramcar Restaurant, while travelling city streets
- 5 Meet multicultural Melbourne at the Queen Victoria Market
- 6 See the city from 'The Edge' - 88 stories up in the Eureka Tower
- 7 Capture the city spirit at Federation Square, home to galleries, cafés and bars
- 8 Eat, drink and live like a local in Melbourne's sophisticated secret laneways
- 9 Swim with sea horses around the piers of the Mornington Peninsula
- 10 Capture culture at the National Gallery of Victoria, with art spanning the globe
- 11 Meet native and foreign animals or picnic over jazz at the Melbourne Zoo
- 12 Discover the Melbourne Story at the Melbourne Museum
- 13 Tee off at one of Melbourne's 15 championship golf courses
- 14 Take time out at one of Melbourne's seaside day spas
- 15 Experience café culture on Lygon Street - Melbourne's 'Little Italy'

More information:  
[www.thatsmelbourne.com.au](http://www.thatsmelbourne.com.au)



## PROGRAMME 13.04 - 15.04.2014

### SUNDAY 13.04.2014

#### OPENING PLENARY SESSION



Plenary Speaker:  
**Peter C. Doherty AC, FAA, FRS**

*Nobel Laureate in Physiology or Medicine (1996) and Author*

4 Optional pre-conference workshops to be delivered by Monash University Faculty members and invited speakers will provide deep insights into the following topical areas (*Separate registration is required*).

- Workshop 1: Biosimilar monoclonal antibodies
- Workshop 2: Challenges with poorly water soluble drugs
- Workshop 3: Translational modelling
- Workshop 4: Transporters in drug disposition

### MONDAY 14.04.2014

#### 5 Concurrent Sessions including Symposia, Roundtables, Keynotes and Submitted Papers

Monday's sessions include:

- Emerging markets - East meets West
- Pharma consortia: Breaking down the silos
- Molecular and functional imaging in drug development and early clinic
- PK-PD for supporting clinical decisions and point-of-care dosage
- PK-PD to enhance model-based drug development
- Challenges for the development of drugs with low aqueous solubility and/or low permeability
- New molecular and cellular targets for the treatment of human disease
- Gene-based therapeutics: Possibilities and challenges
- The role of biopharmaceutical tools in 'Quality by Design'
- Pharmacoeconomics/Pharmacovigilance stream

### TUESDAY 15.04.2014

- Academia and Pharma collaborative models - Finding the right balance
- Drug development efforts to combat tropical diseases
- Personalized medicine in the clinic: Ready for primetime?
- Enabling personalized medicine: Getting the framework right?
- Evolution of the biosimilar regulatory landscape - Challenges and opportunities
- Immunogenicity mitigation strategies for biosimilars
- Nanotechnologies for drug delivery
- Novel nanomaterials with drug delivery applications
- Safety of nanomedicines: Reality check?
- *APSA Congress / Sessions include:*
- Intracellular drug trafficking and targeting
- Barrier mechanisms team up: Interplay between transporters, enzymes and tight junctions

### CONFIRMED KEYNOTE SPEAKERS INCLUDE:

David Bates (USA)  
Les Benet (USA)  
William Charman (Australia)  
Kazunori Kataoka (Japan)  
Sir Gustav Nossal (Australia)  
Mark Levick (Switzerland)  
Libby Roughead (Australia)  
Val Stella (USA)  
Lloyd Sansom (Australia)  
Huub Schellekens (Netherlands)  
Yuichi Sugiyama (Japan)

### CONFIRMED SYMPOSA SPEAKERS INCLUDE:

Lakshmi Amaravadi (USA)  
Brad Anderson (USA)  
Scott Anderson (USA)  
Jeffrey Barratt (USA)  
Christel Bergstrom (Sweden)  
Ben Boyd (Australia)  
Gavin Brooks (UK)  
Kim Brouwer (USA)  
Rashmi Barbhaiya (India)  
Andy Clark (USA)  
Paul Chamberlain (France)  
Arthur Christopoulos (Australia)  
Alistair Coupe (UK)  
Peter Cullis (Canada)  
Meindert Danhof (Netherlands)  
Tom Davis (Australia)  
Paul Declercq (Belgium)  
Jennifer Dressman (Germany)  
Marina Dobrowolska (USA)  
Frank Duff (China)  
William Elmquist (USA)  
Martin Fromm (Germany)  
Jurgen Goltz (Australia)  
David Grainger (USA)  
Annette Gross (Australia)  
Richard Guy (UK)  
Takashi Hakamatsuka (Japan)  
Hideyoshi Harashima (Japan)  
Guenter Hochhaus (USA)  
Oliver Hu (Taiwan)  
Leaf Huang (USA)  
Michiyo Ito (Japan)  
Ge Lin (China)  
Mark Kendall (Australia)  
Cark Kirkpatrick (Australia)  
Jeff Krise (USA)  
Don Mager (USA)  
Andrew McLachlan (Australia)  
Shinazaki Nakagawa (Japan)  
Joseph Nicolazzo (Australia)  
Andreas Nyström (Sweden)  
Olavi Pelkonen (Finland)  
Munir Pirmohammed (UK)  
Christopher Porter (Australia)  
David Reddy (USA)  
Michael Roberts (Australia)  
Wolfgang Sadec (USA)  
Hitoshi Sasaki (Japan)  
Huub Schellekens (Netherlands)  
Susan Semple (Australia)  
Michael Sorich (Australia)  
Yuichi Sugiyama (Japan)  
Hiroshi Suzuki (Japan)  
Peter Swaan (USA)  
Tetsuya Terasaki (Japan)  
Dhiren Thakker (USA)  
Warwick Tong (Australia)  
Vladimir Torchilin (USA)  
Istvan Toth (Australia)  
Geoffrey Tucker (UK)  
Jashvant Unadkat (USA)  
John Urquhart (USA)  
Steve Wilton (Australia)  
Shinji Yamashita (Japan)  
Lei Zhang (USA)

## PROGRAMME 16.04.2014

### WEDNESDAY 16.04.2014

- Natural products – Sustainable use of medicinal plant resources
- Herbal-drug interactions: Are they dangerous?
- Non-adherence – The largest contribution to variability in drug response
- Crossing the bridge – Bridging studies
- Emerging trends in biomarker technology
- Challenges in bioequivalence for inhaled products
- Transporters as mediators of clinical drug – drug interactions
- The Douwe Breimer Foundation Symposium on systems pharmacology  
*DDA Congress / Sessions include:*
- Self-assembled drug delivery systems
- Pulmonary drug delivery

### APSA CONGRESS / TUESDAY 15.04.2014

The Australasian Pharmaceutical Science Association (APSA) will host one day of symposia focusing on molecular processes dictating the fate of medicines in the patient.

High profile international scientists will present on recent advances in symposia entitled 'Intracellular Drug Trafficking and Targeting' and 'Barrier Mechanisms Team Up: Interplay between Transporters, Enzymes and Tight Junctions'. We are also very excited to announce that the keynote speaker for the APSA stream will be Professor Yuichi Sugiyama (University of Tokyo), who is world renowned in the pharmaceutical sciences for his leading role in characterising the impact of transporters and enzymes in drug disposition, with a particular emphasis on imaging approaches.



### DDA CONGRESS / WEDNESDAY 16.04.2014

The Drug Delivery Australia (DDA) conference will host one day of symposia showcasing drug delivery science in Australia and across the globe.

Presentations will focus on self-assembled drug delivery systems and pulmonary drug delivery, as well as a session dedicated to the hot new science from emerging Australian researchers in the drug delivery field. We are excited to host Professor Kazunori Kataoka (University of Tokyo) as the DDA keynote speaker, who is a leading international researcher in micellar drug delivery systems, and is current President of the Controlled Release Society.



Drug Delivery Australia

## NEW! COUNTRY SHOWCASES

Discover what is new in the East, with the latest trends and future developments being presented in the following country showcases.

 Showcase **India**

 Showcase **Asia**

 Showcase **Australia**



## SUBMISSION



### Abstract submission

The deadline to submit abstracts is: 1 December 2013

The categories to submit abstracts are:

- Drug Design and Discovery
- Natural Products
- Formulation Design and Pharmaceutical Technology
- Pharmacokinetics (PK), Pharmacodynamics (PD) and Systems Pharmacology
- Translational Research and Individualized Medicines
- Biotechnology (including Vaccines)
- Analytical Sciences and Pharmaceutical Quality
- Regulatory Sciences (including Dissolution/In vitro drug release, BCS and Biowaivers, BA/BE and Clinical Bridging Studies)]

### Confirmation & Presentation

Before 1 January 2014, the corresponding author will be informed about the review outcome by email.

Before 15 January 2014, the presenting author will have to be registered as congress participant.

All abstracts of presenting authors not registered as congress participants before 15 January 2014 will be cancelled. The corresponding author will be informed by email.

Before 1 March 2014, the corresponding author will be informed by email about the day(s) and time of (poster) presentation.

## REGISTRATION

1st deadline → Until 15 January 2014

2nd deadline → 15 January - 1 April 2014

3rd deadline → On site fees apply as of 1 April 2014

### REGISTRATION FEES PSWC 2014

	Before 15 Jan 2014	Before 1 April 2014	After 1 April 2014
Participants	\$ 800 AUD	\$ 950 AUD	\$ 1,200 AUD
Students	\$ 350 AUD	\$ 400 AUD	\$ 1,200 AUD
Day cards (can be only purchased onsite)			\$ 450 AUD

Additional fee applies for the workshops \$ 200 AUD

Accompanying persons \$ 75 AUD (sessions are not included)

All fees are in Australian Dollars and include 10% GST

TO REGISTER GO TO [WWW.FIP.ORG/PSWC2014](http://WWW.FIP.ORG/PSWC2014)

## THE PSWC MAKING ITS MARK SINCE 2000

PSWC  
NEW ORLEANS / 2010



PSWC  
KYOTO / 2004



PSWC  
AMSTERDAM / 2007



MILLENNIAL PSWC  
SAN FRANCISCO / 2000



## ORGANISATION

### Organising Committee Leadership

Conference Chair

Ross McKinnon (Australia)

-

### FIP Scientific Secretary

Hendrik de Jong (The Netherlands)

-

### Programme Co-chairs

Geoff Tucker (UK)

Giovanni Pauletti (USA)

Tatsuro Irimura (Japan)

Joseph Nicolazzo (Australia)

-

### Programme Co-ordinating Chair

William Charman (Australia)

-

### Local Committee

Allan Evans

Susan Charman

William Charman

Andrew McLachlan

Ross McKinnon

Joseph Nicolazzo

Christopher Porter

-

### Scientific Advisory Committee

Leslie Benet (USA)

Daan Crommelin (The Netherlands)

Mitsuru Hashida (Japan)

Kamal Midha (Canada)

Tsuneji Nagai (Japan)

Malcolm Rowland (UK)

Vinod Shah (USA)

Yuchi Sugiyama (Japan)

## GENERAL INFORMATION

### FIP Congress Department

PO Box 84200

2508 AE The Hague

The Netherlands

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Andries Bickerweg 5

2517 JP The Hague

The Netherlands

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pswc@fip.org

### VENUE

#### MCEC (Melbourne Convention and Exhibition Centre)

1 Convention Centre Place

South Wharf 3006

GPO Box 777

Melbourne VIC 3001



## SPONSORING AND EXHIBITION



The Melbourne Convention and Exhibition Centre in Australia will play host to a three day exhibition complementing the 5<sup>th</sup> Pharmaceutical Sciences World Congress.

From April 13-16, 2014, exhibitors and sponsors are invited to take advantage of extensive, high quality showcase opportunities, bringing the best of their products, services and organisations to the public eye

For more information and varieties of exposure please visit [www.fip.org/pswc2014](http://www.fip.org/pswc2014) under: 'Sponsors and Exhibition'

### Exhibition Opportunities

The PSWC 2014 exhibition offers the perfect opportunity to raise your organisation's profile and build relationships with key decision makers within the pharmaceutical sciences industry.

If your organisation has an interest in this sector, you cannot afford to miss this opportunity. The industry exhibition will be the hub of the event, hosting all congress refreshment breaks as well as posters, guaranteeing an excellent through-put of congress delegates.

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# 'Venture *Down Under*' to get on top of the latest breakthroughs in Pharmaceutical Sciences

Melbourne, Australia  
13-16 April 2014

Fédération  
internationale  
Pharmaceutique

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