

Pharmacology International

No. 90 June 2018 The semi-annual newsletter from the International Union of Basic and Clinical Pharmacology

In This Issue

WCP2018

Opening Symposium	Pg. 2
Satellite Symposia	Pg. 2
Social/Cultural Events	Pg. 3
Accessing Kyoto	Pg. 4
IUPHAR Business Meetings and Events	Pg. 5
IUPHAR Education Section	
Satellite Meeting	Pg. 6
Pharmacology Education Project	Pg. 7
Clinical Pharmacology in Developing Countries	
Business Meeting	Pg. 8
ImmuPhar (Immunopharmacology) Update and Business Meeting	Pg. 9
Rational Use of Medicines in Resource Restrained Countries Workshop	Pg. 10
IUPHAR Young Investigator Competitors	Pg. 11
PharmacoCareers	
30% Discount	Pg. 12
Acknowledging the WCP2018 Organizers	Pg. 13

IUPHAR General Assembly

WCP2026 Bidders	Pg. 16
2018-2022 IUPHAR Executive Committee Nominees	Pg. 17

IUPHAR Administrative Office Change

From Kansas City to Nashville, USA	Pg. 25
------------------------------------	--------

In Memory

Darrell Abernethy	Pg. 27
-------------------	--------

2014 - 2018 IUPHAR

Secretary General Report	Pg. 30
--------------------------	--------

Meeting Reports

Inaugural Meeting of Nigerian Clinical Society	Pg. 42
ICSU General Assembly	Pg. 45
ICMAN-IUPHAR Natural Products Meeting	Pg. 47
South African Society Annual Conference	Pg. 50
Joint ASPET-CNPHARS Drug Discovery Meeting	Pg. 54

Upcoming Events

Safety Pharmacology	Pg. 58
Immunopharmacology	Pg. 59
Pharmacology 2018	Pg. 61



WCP2018 KYOTO

18th WORLD CONGRESS OF BASIC AND CLINICAL PHARMACOLOGY

July 1 (Sun) - 6 (Fri), 2018

Kyoto International Conference Center,
Kyoto, Japan

www.WCP2018.org

Pharmacology for the Future
Science, Drug Development and Therapeutics

Following our previous announcement in December, the Organizing Committee of the WCP2018 is pleased to share the latest information on the Congress. We sincerely look forward to welcoming you at WCP2018 in Kyoto.

Scientific Program

THEME *Pharmacology for the Future*
-Science, Drug Development and Therapeutics-

40 Lectures

■ Opening Lecture



Future of Cancer Immunotherapy by PD-1 Blockade

Tasuku Honjo, M.D., Ph.D.
Kyoto University, Japan

Sunday, July 1, 2018 16:10 - 17:00

■ Plenary Lecture



Recent Progress in iPS Cell Research and Application
Shinya Yamanaka, M.D., Ph.D.
Kyoto University, Japan

Monday, July 2, 2018 11:15 - 12:15



The Cardiovascular Effects of Peptidase Inhibition
Nancy J. Brown, M.D.
Vanderbilt University Medical Center, USA

Wednesday, July 4, 2018 11:15 - 12:15

■ Tang Prize Lecture



Advances in Genome Editing Technologies
Feng Zhang, Ph.D.
McGovern Institute for Brain Research at MIT, USA

Tuesday, July 3, 2018 17:00 - 18:00



Optogenetics
Karl Deisseroth, M.D., Ph.D.
Stanford University, USA

Tuesday, July 3, 2018 11:15 - 12:15



Why TGN1412 was Safe and BIA 10-2474 Dangerous. The Case for Mechanism Based Drug Development
Adam Cohen, M.D., Ph.D.
Center for Human Drug Research, The Netherlands

Thursday, July 5, 2018 11:15 - 12:15



A Molecular Understanding of Drug Actions at G Protein Coupled Receptors
Bryan L. Roth M.D., Ph.D.
University of North Carolina at Chapel Hill, USA

Wednesday, July 4, 2018 17:00 - 18:00

and 33 Cutting Edge Lectures

Continued on page 2...

Opening Symposium

Sunday, July 1, 2018 17:00 - 18:40

■ Pharmacology, Translational Medicine and Drug Discovery

- Makoto Suematsu** Japan Agency for
Medical Research and Development, Japan
- Garret A. Fitzgerald** University of Pennsylvania, USA
- Pierre Meulien** Innovative Medicines Initiative, Belgium
- Isao Teshirogi** Japan Pharmaceutical
Manufacturers Association, Japan



87 Symposia

Oral Sessions

Poster Sessions

Luncheon Seminars

We have received more than 2,300 abstract submissions for oral and poster presentation. Thank you, everyone!

Satellite Symposia

■ International GPCR Symposium

Date and time : Friday, June 29th - Saturday, June 30th, 2018
Venue : Shiran Kaikan, Kyoto University, Kyoto, Japan

■ World Histamine Symposium 2018 (WHS2018)

Date : Saturday July 7 to Monday July 9, 2018 (3 days)
Venue : Shinsho Hall A and B, Kobe Chamber of Commerce and
Industry Hall (Shinsho Hall), Kobe, Japan

■ Educating Scientists and Healthcare Professionals for 21st Century Pharmacology

Date and time : Saturday, June 30th 2018, 12:30pm – 6:30pm
Sunday, July 1st 2018, 8:30am – 12:00pm
Venue : Room 553, Kyoto International Conference Center, Kyoto Japan

■ Brain Mapping and Therapeutics

Date and time : Friday, June 29, 2018 1:30pm - 5:30pm
Venue : Auditorium, Korean Brain Research Institute, Daegu, Republic of Korea

■ Systems Pharmacology and Artificial Intelligence Based on Real World 'Big' Data

Date and time : Friday, July 6, 2018 2:00pm - 5:30pm
Venue : Memorial Hall, Kyoto University Clock Tower Centennial Hall, Kyoto, Japan

■ Receptor Structure Changes the Pharmacology Paradigm (Incorporating the 10th Adrenoceptor Symposium)

Date : Thursday, June 28th to Saturday, June 30th, 2018 (2.5 days)
Venue : Granship Convention Center, Shizuoka, Japan (about 1 h from Kyoto by train)

Plus

(Symposium themes are tentative.)

- Pediatric Pharmacology
- Regulating cell homeostasis: from small molecules (drugs, O₂, ROS, and NO) to ion channels, receptors, and systems

Further details will be announced as they become available.

■ Young Pharmacologist Mixer

Date and time : July 6 (Fri) – July 7 (Sat), 2018 (2 days)
Venue : Kansai Seminar House, Kyoto, Japan
This is targeted only for winners of WCP2018 Congress Bursaries.



Social Events



Chorus



Noh Play

Opening Ceremony

Date & Time: 15:00-16:00 Sunday July 1, 2018

Venue: Main Hall, Kyoto International Conference Center

All registered participants are cordially invited to join and celebrate the official opening of WCP2018. The Opening Ceremony will include exciting performances of a Noh Play and a chorus comprised of elementary school children.

Welcome Reception

Date & Time: 19:00-20:30 Sunday July 1, 2018

Venue: Sakura & Swan, Kyoto International Conference Center

This will be an excellent opportunity to network, meet old friends and colleagues, and to make new ones as the event begins. We believe it will be good time to relax and warm up for the congress. Drinks including sake made in Kyoto and light refreshments will be served. The reception will also feature entertainment: GAGAKU Imperial Court Music, WADAICO Drummers and YUKATA Fashion Show.

YUKATA Fashion Show



WADAICO Drummers



GAGAKU Imperial Court Music

SAKE Seminar

Date & Time: 18:00-19:00 Wednesday, July 4, 2018

Venue: Kyoto International Conference Center (TBA)

Philip Harper, originally from the U.K., was the first non-Japanese to become a "Toji" (master sake brewer). He will give a lecture on the allure of Japanese Sake and the brewing process. After the lecture, participants will have the opportunity to watch the movie "KANPAI! For the Love of SAKE," featuring Mr. Harper as himself, while enjoying SAKE.



KABUKI



Ikebana



Jazz

Vega Music Entertainment,
Photo by Yasuhiro Hikawa

Photo by Yasuo Kubota (STUDIO BOW)

Gala Dinner

Date & Time: 19:00-21:00 Thursday July 5, 2018

Venue: Prince Hall, Grand Prince Hotel Kyoto

Please note that this Gala Dinner requires an extra fee and pre-registration to attend. It will give you an opportunity to mingle with colleagues in pleasant surroundings. Enjoy an buffet-style dinner and exciting performances of Ikebana (flower arranging), jazz and KABUKI (classical Japanese dance/theater).

Closing Ceremony

Date & Time: 12:10-13:10 Friday July 6, 2018

Venue: Main Hall, Kyoto International Conference Center

Performance of Traditional Japanese instruments and Closing Act by Violinist, Ikuko Kawai.



Cultural Experiences

Calligraphy

Calligraphy is said to reflect the writer's mind as well as their writing skill. During this program, you can create your own calligraphy after a few practice attempts. You will be able to bring your creations home with you.

Flower Arrangement

Feel the aesthetic sense of an empty space, particularly as seen in Japan. You can enjoy a flower arranging class while learning the difference between Japanese and western flower arranging styles. Ikebana, a Japanese flower arrangement, expresses the beauty of space while adhering to minimalism, shape and line, balance and other principles.

Origami

Origami is a traditional art form which transforms a sheet of paper into a variety of shapes, such as animals and flowers through folding techniques. Origami expresses the Japanese unique sense of creativity.

The Way of Tea/Chado

Chado, commonly referred to as "Tea Ceremony" in English, is actually a spiritual and aesthetic discipline for refinement of the self – known as a "way," or "do," in Japanese. Through the Way of Tea, you seek the principles of Harmony, Respect, Purity, and Tranquility.



Excursions and Tours

During WCP2018 we will be offering an exciting selection of excursions and tours for participants wishing to explore Kyoto. Deadline for online bookings is 6 June 2018, but if there is a tour slot available, we will accept onsite registration. Please ask on-site at the Tours Desk as to which tours are still available. For excursion and tour details, please access the congress website.

<http://www.wcp2018.org/about-kyoto/excursions-and-tours.html>



Registration

The online registration is now closed. Onsite registration is available during the Congress period. Onsite fees will apply.

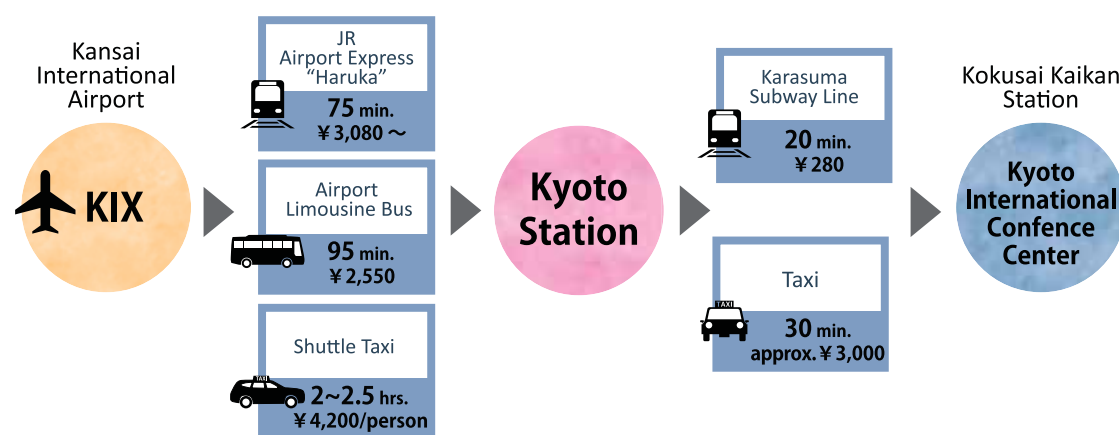
Category	On-site Registration Jul. 1 to 6, 2018
Regular	JPY 50,000
Student	JPY 10,000
Accompanying Person	JPY 15,000
Gala Dinner July 5 (Thu.) at Grand Prince Hotel	JPY 10,000

Venue

Kyoto International Conference Center (ICC Kyoto)
Takaragaike, Sakyo-ku, Kyoto 606-0001 Japan
Phone: +81-75-705-1229 Fax: +81-75-705-1100
<http://www.icckyoto.or.jp/en/access/>



Access



JR
Airport Express
"Haruka"
75 min.
¥3,080 ~
(approx. 30 USD)

The Japan Railways (JR) Haruka express train takes just a little over an hour to arrive at Kyoto Station from Kansai International Airport. The train is designed for travelers carrying luggage and has plenty of stowage space. Destinations are announced in both Japanese and English, making it easy to arrive ready for anything in Kyoto.

[More Information](#) [click](#)

Airport
Limousine Bus
95 min.
¥2,550
(approx. 25 USD)

Excellent limousine express bus services are available from both Kansai International Airport (KIX) and Osaka (Itami) Airport (ITM) to Kyoto Station. The journey to Kyoto Station from KIX takes about 95 minutes. The buses have ample luggage space, all announcements are made in English, and you can reserve a seat or just take the next departure.

[More Information](#) [click](#)

Shuttle Taxi
2~2.5 hrs.
¥4,200/person
direct your door
(approx. 42USD)

Travelers arriving off long-haul flights with heavy baggage are always happy to see the uniformed shuttle taxi driver who will take the weight off your shoulders and guide you to your hotel door. The taxi journey takes about 2~2.5 hours depending upon traffic conditions and the location of your hotel. Services run between Kansai International Airport & Osaka (Itami) Airport, and Kyoto.

[Yasaka Kanku Shuttle Counter](#) [click](#)

[MK "Skygateshuttle" Counter](#) [click](#)

For detailed access information from other airports to the venue, please refer to the congress website at <http://www.wcp2018.org/about-kyoto/access.html>.

See you this summer in Kyoto for WCP2018!

IUPHAR Business Meetings and Events

in the Kyoto International Conference Center

All WCP2018 Registrants Are Welcome

Saturday, June 30th:

Noon – 9 p.m. Education Section Satellite Meeting (Room 553), including the Section General Assembly, the Outstanding Early Education Award, the Teaching Excellence Award, and the Satellite Dinner. See page 6 for more information. Register at <http://www.iuphar-ed2018.org>.

Sunday, July 1st:

8:30 a.m. – Noon Education Section Satellite Meeting continues (Room 553)

Monday, July 2nd:

2:00 p.m. Pharmacology for Africa (Phar/A) Business Meeting, emphasizing Natural Products (Room 104)

4:10 p.m. Introducing the IUPHAR Pharmacology Education Project Symposium S11-10 (Room B1)

6:00 p.m. Pharmacology Education Project Business Meeting (Room 104) See page 7 for more information.

6:10 p.m. Clinical Pharmacology Division General Assembly (Room C2)

Tuesday, July 3rd:

9:25 a.m. The Guide to PHARMACOLOGY Druggable Genome Coverage within the Computational Pharmacology, Databases and Drug Discovery Symposium SY27 (Room B2)

11 :30 a.m. Clinical Pharmacology in Developing Countries Subcommittee Business Meeting (Room 104) See page 8 for more information.

1:30 p.m. Neuropsychopharmacology Section Business Meeting (Room 104)

1:50 p.m. Pharmacology for Africa (Phar/A) General Assembly (Room C1)

Wednesday, July 4th:

11:30 a.m. Pharmacogenetics/genomics Section Business Meeting (Room 104)

2:30 p.m. ImmuPhar Section Business Meeting (Room 104) See page 9 for more information.

5:00 p.m. Gastrointestinal Pharmacology Section Business Meeting (Room 104)

5:00 p.m. NC-IUPHAR Analytical Pharmacology Lecture by Bryan Roth (Main Hall)

6:00 p.m. IUPHAR General Assembly doors open - proceedings begin at 6:30 p.m. (Room B1)

Thursday, July 5th:

8:15 a.m. Discussion of Draft IUPHAR Guidelines on Design, Analysis and Reporting of Studies in Experimental Pharmacology (Room D)

1:00 p.m. Rational Use of Medicines in Resource Strained Countries: Innovative Research, Education and Services organized by the IUPHAR Subcommittee for Clinical Pharmacology in Developing Countries (Room 104) See page 10 for more information.

1:50 p.m. Young Investigator Competition (Annex 2, first floor) See page 11 for more information.

4:00 p.m. Drug Metabolism and Drug Transport Section Business Meeting (Room 104)

Friday, July 6th:

10:20 a.m. Toxicogenomics for Accelerated and Refined Hazard Identification of Chemicals: The Joint IUPHAR-International Union of Toxicology Symposium SY77 (Annex 2)

11:00 a.m. Pharmacology of Natural Products Section Business Meeting (Room 104)

Noon The winners of the Young Investigator Competition will be announced during the Closing Ceremony (Main Hall)



The IUPHAR Education Section (IUPHAR-Ed)

The IUPHAR Education Section welcomes all delegates with an interest in pharmacology education to WCP2018 in Kyoto. There are several important education-related symposia and lectures in the main programme including:

- *Symposium SY7*: European & Asian Training Initiatives to improve safe and effective use of medicines in modern healthcare - Organised by Shinichiro Ueda, University of Ryukyus, Japan (Monday, July 2, 2018, 9:25 – 11.05 a.m. in Room B1)
- *Symposium SY9*: Introducing the IUPHAR Pharmacology Education Project - www.pharmacologyeducation.org - Organised by John Szarek, Geisinger Commonwealth School of Medicine, USA (Monday, July 2, 2018, 4.10 – 5:50 p.m. in Room B1)
- *Cutting Edge Lecture CL12*: Prescribing Safety Assessment: Ensuring Competency of New Doctors to Use Medicines - Simon Maxwell, University of Edinburgh, UK (Tuesday, July 3, 2018, 8:30 – 9:15 a.m. in Annex 2)
- *Symposium SY23*: Interprofessional education (IPE): Educating a new generation of healthcare professionals to prescribe medications safely and effectively - Organised by Kelly Karpa, Pennsylvania State University College of Medicine, USA (Tuesday, July 3, 2018, 9:25 – 11:05 a.m. in Annex 2)

In addition to the events in the main programme IUPHAR-Ed is hosting a pre-meeting satellite event, in collaboration with the Japanese Pharmacological Society and Japanese Society of Clinical Pharmacology & Therapeutics entitled *Educating scientists and healthcare professionals for 21st century pharmacology*. The satellite meeting will be held in Room 553 of the Kyoto International Conference Centre from 12:30 p.m. on Saturday, 30th June to 12:00 noon on Sunday July 1st, immediately prior to the main WCP2018. The Programme will also include a gala dinner on Saturday evening, award of prizes, the General Assembly of the IUPHAR Education Section (IUPHAR-Ed) and the election of new Officers and Councillors (2018–2022).

We hope that the meeting will bring together pharmacology educators from around the world to share innovative approaches and best practice. There will be plenty of opportunities for networking and collaboration between those involved in the many facets of pharmacology education, ranging from science and healthcare students, pharmacologists working in laboratory research and healthcare professionals directing and supervising the use of medicines by patients. The programme is designed to maximise opportunities for participants to present and discuss their education activities with a strong emphasis on the involvement of Japanese educators. Participants are encouraged to submit abstracts for short presentations on any aspect of pharmacology education. Please visit <http://www.iuphar-ed2018.org> for further details about registration and abstract submission.

I look forward to seeing you in Kyoto.

Simon Maxwell
Chair, IUPHAR-Ed

IUPHAR Pharmacology Education Project

www.pharmacologyeducation.org

The IUPHAR Pharmacology Education Project (PEP) developed out of the need to deliver a project with a clear educational focus as a complement to the Guide to Pharmacology. The IUPHAR PEP is a simple, attractive easily searchable resource that supports students of the pharmacological and other biomedical sciences such as medicine, nursing and pharmacy as well as those who teach them. The website for the Pharmacology Education Project went live in April 2016. Since its inception the number of visits has grown to over 7000 per month.

We encourage you, your students, and colleagues to use the site, but more importantly to consider becoming involved as an author and reviewer. Submitting content is easy. It is as simple as drafting a brief summary of a learning asset you know of on the Internet and submitting it with the link to the asset using our online submission form (<https://www.pharmacologyeducation.org/contribute-project>). If you are more ambitious, there are opportunities to submit other extended works which are explained on the form. Members of our Editorial Board are pharmacologists representing several countries. They have been responsible for reviewing the submissions including the associated links but we encourage members of the international pharmacology community to consider becoming reviewers as well. This assures the fidelity of the content and allows ownership of the PEP by pharmacologists across the world.

At the upcoming *WCP 2018 Kyoto* meeting there will be a symposium (SY10) titled “Introducing the IUPHAR Pharmacology Education Project - www.pharmacologyeducation.org” on July 2, 2018 in room B1. The session will be chaired by John Szarek and Simon Maxwell, co-directors of PEP. In addition to introducing the website, Leszek Wojnowski, Elizabeth Davis, and Chay-Hoon Tay, members of the PEP editorial board, will discuss utilization of pharmacology teaching materials available on the website. Immediately after the symposium will be brief Business Meeting followed by an informal get together with refreshments in room 104. Anyone with an interest in pharmacology education is welcome.

On behalf of the editorial board, we look forward to working with our pharmacology colleagues across the world in developing a robust website to aid education and research in pharmacology.

John L. Szarek
Simon Maxwell
Elena Faccenda
Management team
Co-directors PEP

IUPHAR SUBCOMMITTEE FOR CLINICAL PHARMACOLOGY IN DEVELOPING COUNTRIES BUSINESS MEETING

Tuesday July 2nd
11:30 a.m. -1.30 p.m. Room 104

All WCP2018 Registrants are Welcome

*Organized by Dinesh Badyal, India; Joseph Fadare, Nigeria;
Lars L. Gustafsson, Sweden; and Olayinka Ogunleye, Nigeria*

1. **Opening and welcome**
2. **Introduction of participants**
3. **Adoption of agenda**
4. **Summary of proceedings of last meeting at the 2014 World Congress of Basic and Clinical Pharmacology in Cape Town** (proceedings will be available at meeting)
5. **Election of chair and secretary of the meeting**
6. **Summary of accomplishments since 2014 with discussion** (2018 annual report to the IUPHAR Executive committee will be available at the meeting)
7. **Acceptance of reports**
8. **Reports of present activities across member states**
9. **Subcommittee priorities and strategic planning for future** (draft work plan will be available at meeting)
10. **Election of Subcommittee officials**
11. **Any other business**
12. **Closing of meeting**

If you have an interest in participating in the IUPHAR Subcommittee for Clinical Pharmacology in Developing Countries, please contact devcountries@iuphar.org or visit the Subcommittee's website at www.iuphar.org.



Immunopharmacology Section

www.Immuno.IUPHAR.org

The IUPHAR Immunopharmacology (ImmuPhar) Section was established in 2013 and has since initiated and contributed to many activities in the field. The ImmuPhar Section website (www.Immuno.IUPHAR.org) offers periodic updates of literature highlights, announcements, reports, upcoming events and meetings. Ms. Hadas Pahima, PhD student, recently joined the Section as the Junior Section Manager, heading the Section website. Dr. Stephan von Guten is in charge of the website's literature highlights. In addition, the Section maintains Facebook (www.facebook.com/immunopharmacology) and LinkedIn (www.linkedin.com/groups/7484359/profile) pages.

Since its inception, the Section has published reviews in peer-reviewed journals such as the *British Journal of Pharmacology*. A volume on Immunopharmacology and Inflammation edited by Section members Carlo Riccardi, Ekaterina Tiligada, Francesca Levi-Schaffer, and Simona Ronchetti (<https://www.springer.com/us/book/9783319776576>) was recently published by Springer Publications.

In September 2017 the Section submitted a proposal for an EU COST Action for a European network to harmonize targeted therapy research and exploitation in immune-inflammatory disorders. If approved, this will be a major activity of the Section in the coming year.

Section members have organized ImmuPhar sessions or meetings in their home countries. The Swiss Society of Pharmacology and Toxicology's Spring 2018 Meeting on "Therapeutic Antibodies: The Good, The Bad and the Ugly" featured an ImmuPhar Section sponsored lecture. "Development of anti-inflammatory drugs: Targeting selectins and leukocyte trafficking" given by Richard D Cummings from Harvard Medical School, and a joint British Pharmacological Society (BPS)/ImmuPhar Section symposium entitled "Cytokine-based therapies in inflammatory disease" was held at the Society's Pharmacology 2017 meeting in December. In November, 2017 an Italy-Israel Workshop on "Advances in Immunopharmacological Therapy for cancer and allergic diseases" was held jointly with the Israel Academy of Sciences and Academia Italiana dei Lincei. The Section was also a co-organizer with the Cuban Society of Pharmacology and IUPHAR for the "Immunopharmacology – Vaccipharma 2017" Congress held in Varadero, Cuba during June.

The Section has been collaborating with NC-IUPHAR in the areas of antibodies and immunopharmacology in general and the International Union of Immunological Sciences (IUIS) through an IUIS - IUPHAR - ImmuPhar Task Force. The ImmuPhar Section also contributes to and has a representative on two task forces, the Immunopharmacology and the AllergoOncology, within the European Academy of Allergy & Clinical Immunology.

At the upcoming WCP2018 there will be an ImmuPhar sponsored symposium (SY79 in room A) titled "New controllers of inflammation: what are the hottest targets?" at 10:20 a.m. on Friday, July 6, 2018. The Section will also hold a Business Meeting in room 104 of the Kyoto International Conference Center on Wednesday, July 4th, which is open to all WCP2018 registrants at 2:30 p.m. One of the agenda topics will be a discussion of soliciting members for and activating three Section subcommittees: 1) Antibodies as therapeutics; 2) Molecular targets for immunomodulatory drugs (molecular oriented); 3) Targets in immune related diseases (disease oriented). We invite all WCP2018 attendees interested in immunopharmacology to join us for the meeting. You may also email immuno@iuphar.org to learn about membership and volunteer opportunities.

Francesca Levi-Schaffer
Chair, ImmuPhar

IUPHAR Subcommittee for Clinical Pharmacology in Developing Countries

Free Workshop for WCP2018 Registrants

Rational Use of Medicines in Resource Strained Countries: Innovative Research, Education and Services

**Thursday July 5th
1:00 - 3.30 p.m. in Room 104**

Chairs: Assoc. Prof. J. Fadare, Ado-Ekiti Nigeria (Session I), Prof. L.L. Gustafsson, Stockholm Sweden (Sessions II-III), Senior Lecturer O. Ogunleye, Lagos, Nigeria (Sessions IV-V)

I: Introduction and presentation of participants

II: Inspirational lecture

My experience of research, research training and capacity building in pharmacology in Zimbabwe: Considerations for clinical pharmacologists by Collen Masimirembwa, Professor and President, African Institute of Biomedical Science & Technology, Harare, Zimbabwe

Collen has established, trained and created first-class pharmacogenetic and laboratory pharmacology research in collaboration with clinical pharmacologists and clinicians.

Mini-presentations followed by audience discussions

III: Clinical pharmacology educational reforms for undergraduates and young physicians: Training of prescribing skills and introduction of the concept of abridged essential medicines list

Reforms in Nigeria by Joseph Fadare, Nigeria

IV: Experience and future of clinical pharmacology innovative techniques in research, education and clinical services

Implementation of pharmacogenetic knowledge in clinical practice: experience from Brazil by Guilherme Suarez-Kurtz, Head of Pharmacology, National Institute of Cancer, Brazil

Clinical trials of antimalarials in children: Experience of building research capacity in Kenya by Bernhards Ogutu, Chief Research Officer, Kenya Medical Research Institute, Nairobi, Kenya

Feasibility of an African drug information website: A concept of global relevance? by Olayinka Ogunleye and Lars Gustafsson

V: Final remarks

Thoughts on imminent priorities for clinical pharmacology in resource strained countries by Helen McIlleron, Professor, University of Cape Town, Cape Town, South Africa

For additional details, email devcountries@iuphar.org.

Dinesh Badyal, Joseph Fadare, Lars L. Gustafsson, Olayinka Ogunleye

IUPHAR Young Investigator Awards

Thursday, July 5 at 1:50 p.m.

Annex 2, First Floor in the Kyoto International Conference Center

We invite the WCP2018 registrants to watch the 11 contestants, who have eight minutes to present his or her research followed by two minutes of questions. The finalists are...

Name (Institution)

Abstract ID / Title



Gregory Collins
(University of Texas Health Science
Center at San Antonio, United States)

21027 / Abuse-related effects of MDPV, α -PVP, and related synthetic cathinones: structural determinants of reinforcing potency and effectiveness



Ee Von Moo
(Monash University, Australia)

21076 / Understanding the physiological role of endogenous allosteric modulators at the muscarinic acetylcholine receptors



Erik Dietrichs
(University Hospital of
Northern Norway)

20184 / Gap-junction uncoupling as a pharmacological strategy to prevent hypothermia-induced ventricular fibrillation



Kento Kitada
(Duke-National University
of Singapore)

20744 / Increased glucocorticoid hormone actions induce skin-specific Na⁺ and water loss in melanocortin 3 receptor knockout mice



Mai Kawazoe
(Toho University, Japan)

20727 / The efficacy of mycophenolate mofetil in Japanese patients with systemic lupus erythematosus



Mi Jeong Heo
(Seoul National University, Korea)

20103 / Alcohol-induced hepatocyte pyroptosis results from miR-148a dysregulation through FoxO1



Yue Fei
(University of Hong Kong)

20930 / Effect of new classes of antidiabetic drugs on cardiovascular outcomes in randomised controlled trials: A network meta-analysis



Tong-Fei Li
(Wuhan University, China)

20806 / Exploiting the cross-talk between glioblastoma cells and tumor-associated macrophages with a nano-drug for regulating tumor immune microenvironment



Dayana Abboud
(Université de Liège, Belgium)

21242 / GPR101 orphan receptor: A novel cause of growth hormone deregulation



Nishant Rai
(University of Delhi, India)

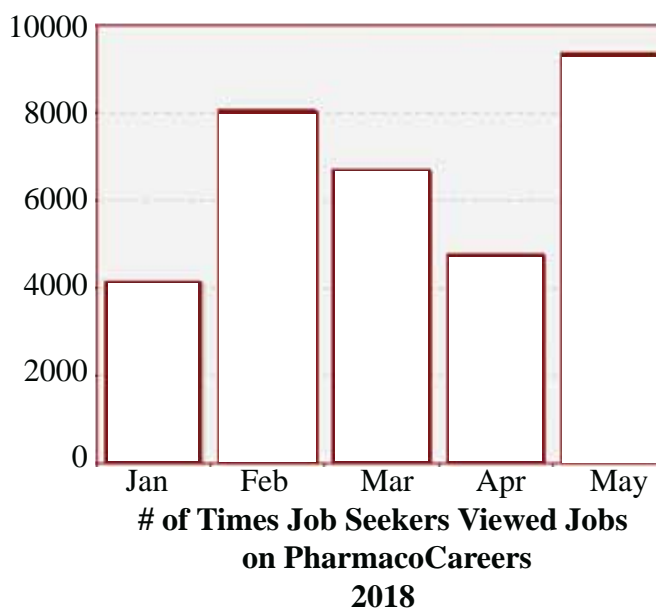
21119 / Experimental studies to evaluate the cellular and molecular mechanisms of a traditional polyherbal anti-asthmatic preparation UNIM-352 in rats: A reverse pharmacology approach



Birgit Caspar
(University of Nottingham,
United Kingdom)

20829 / Investigating the mode of action of intracellular loop 1 pepducins at the CXCR4 receptor

www.PharmacoCareers.org **iUPHAR**CAREER CENTER



Post your available pharmacology
position where it will be seen!

30 Day Job Posting	\$275 AUD / \$265 CAD / \$250 USD / €170 EUR / £150 GBP
60 Day Job Posting	\$330 AUD / \$320 CAD / \$300 USD / €200 EUR / £180 GBP
90 Day Job Posting	\$440 AUD / \$420 CAD / \$400 USD / €270 EUR / £245 GBP

EMPLOYERS - Half of your payment supports the IUPHAR not-for-profit initiatives.

Career services are always free to Job Seekers (800+ profiles registered and growing).

30% discount
on 2018 job postings
for **WCP2018** registrants.
Look for the Coupon Code
at the Congress!

www.PharmacoCareers.org

IUPHAR Wishes to Acknowledge and Thank the WCP2018 Organizers

President

Shuh Narumiya Kyoto University

Vice President

Shinichi Kawai Toho University

Secretary General

Masamitsu Iino Nihon University / The University of Tokyo

Local Organizing Committee

Akinori Akaike Kyoto University (**Chair, Financial Committee**)
Masatoshi Hagiwara Kyoto University (Program)
Hitoshi Hashimoto Osaka University (**Vice Chair, PR and Social Media Committee**)
Yuji Ikegaya The University of Tokyo (Scientific Program and Young Pharmacologist Mixer)
Yumiko Imai National Institutes of Biomedical Innovation, Health and Nutrition (Scientific Program)
Yuji Kumagai Kitasato University (**Chair, PR and Social Media Committee**)
Norio Matsuki The University of Tokyo (**Chair, Scientific Program Committee**)
Masayoshi Mishina Ritsumeikan University (Financial Committee)
Kyoichi Ohashi Oita University (Scientific Program)
Isao Teshirogi Shionogi & Co., Ltd (Social Program)
Hiroki Ueda The University of Tokyo / RIKEN (Scientific Program)
Hiroshi Watanabe Hamamatsu Univ. School of Medicine (**Vice Chair, Scientific Program Committee**)
Chihiro Yabe-Nishimura Kyoto Prefectural University of Medicine (Social Program)
Tsutomu Yamazaki International University of Health and Welfare (**Vice Chair, Financial Committee**)

Scientific Program Supporting Committee

Haruhiko Bito The University of Tokyo
Tomoko Hasunuma Kitasato University
Koichiro Yuji The University of Tokyo

Social Program Supporting Committee

Masato Kasahara Nara Medical University
Chikako Saotome Kyoto University
Tomoyuki Furuyashiki Kobe University

Congress Bursary Review Committee

Atsushi Sugiyama Toho University (**Chair**)
Satomi Akahane Toho University
Naohiko Anzai Chiba University
Kenzo Hirose The University of Tokyo
Yuji Ikegaya The University of Tokyo
Kumiko Ishige Nihon University
Naoki Matsumoto St. Marianna University School of Medicine
Naoki Uchida Showa University
Masato Yasui Keio University

IUPHAR Wishes to Acknowledge and Thank the WCP2018 Organizers (continued)

Regional Scientific Committee

Wen-Chang Chang	Pharmacological Society in Taiwan
Guan-Hua Du	Chinese Pharmacological Society
Ilo Jou	Korean Society of Pharmacology
Supornchai Kongpatanakul	Pharmacological and Therapeutic Society of Thailand
B. Dinesh Kumar	Indian Pharmacological Society
Howard Lee	Korean Society for Clinical Pharmacology and Therapeutics
John Miners	ASCEPT
John A. Rudd	Hong Kong Pharmacology Society
Frans D. Suyatna	The Indonesian Society of Pharmacology
Fred Wai-Shiu Wong	Pharmaceutical Society of Singapore

Program Subcommittee (Names with * indicate overlapping assignment)

Neuroscience

Masayoshi Mishina*	Ritsumeikan University
Masahiro Nomoto	Ehime University

Pain

Hiroshi Ueda	Nagasaki University
Masahiko Shibata	Osaka University

Cardiovascular System

Hiroshi Watanabe*	Hamamatsu University School of Medicine
Akira Nishiyama	Kagawa University

Nephrology and Urology

Yoshikatsu Kanai	Osaka University
Hidehiro Kakizaki	Asahikawa Medical University

Immunology, Inflammation and Bone Metabolism

Masataka Majima	Kitasato University
Shinichi Kawai*	Toho University

Gastrointestinal System

Koji Takeuchi	Kyoto Pharmaceutical University
Takahisa Furuta	Hamamatsu University School of Medicine

Stem Cell Medicine

Haruhisa Inoue	Kyoto University
----------------	------------------

Metabolism and Diabetes

Naoto Kubota	The University of Tokyo
--------------	-------------------------

Respiratory System

Yumiko Imai*	National Institutes of Biomedical Innovation, Health and Nutrition
--------------	--

Systems Biology

Hiroki Ueda*	The University of Tokyo/ RIKEN
--------------	--------------------------------

IUPHAR Wishes to Acknowledge and Thank the WCP2018 Organizers (continued)

Education and Training

Atsuro Miyata	Kagoshima University
Shinichiro Ueda	University of the Ryukyus
Hideki Hanaoka	Chiba University

Sensory System

Hideaki Hara	Gifu Pharmaceutical University
--------------	--------------------------------

Cancer

Masatoshi Hagiwara*	Kyoto University
Atsushi Ohtsu	National Cancer Center Hospital East

Rare Diseases

Masatoshi Hagiwara*	Kyoto University
---------------------	------------------

Molecular Bioimaging

Kazuhiko Yanai	Tohoku University
----------------	-------------------

Infection/Global Infectious Diseases

Kenji Hirayama	NEKKEN, Nagasaki University
----------------	-----------------------------

Natural Medicine and Traditional East Asian Medicines

Haruki Yamada	Kitasato University
---------------	---------------------

Regulatory Science

Yoshiaki Uyama	Pharmaceuticals and Medical Devices Agency
----------------	--

Pharmacovigilance

Kiyoshi Kubota	NPO Drug Safety Research Unit Japan
----------------	-------------------------------------

Health Economics

Tsutomu Yamazaki*	International University of Health and Welfare
-------------------	--

Toxicology

Jun Kanno	Japan Bioassay Research Center / Japan Organization of Occupational Health and Safety
-----------	---

Genomics/Pharmacogenomics/Personalized Medicine

Ichiro Ieiri	Kyushu University
--------------	-------------------

Pharmacometrics

Yuji Kumagai*	Kitasato University
---------------	---------------------

Pharmacokinetics

Hirotochi Echizen	Meiji Pharmaceutical University
Yusuke Tanigawara	Keio University

Pediatric Clinical Pharmacology

Hidefumi Nakamura	National Center for Child Health and Development
-------------------	--

Industry-Academia Collaboration

Chikako Saotome	Kyoto University
-----------------	------------------