



WCP2023
2 - 7 JULY 2023
GLASGOW | SCOTLAND

19TH WORLD CONGRESS OF BASIC & CLINICAL PHARMACOLOGY

PROGRAMME



**BRITISH
PHARMACOLOGICAL
SOCIETY**



IUPHAR
INTERNATIONAL UNION OF BASIC
AND CLINICAL PHARMACOLOGY



**GLASGOW
CONVENTION
BUREAU**

19th World Congress of Basic & Clinical Pharmacology 2023 Programme

The 19th World Congress of Basic & Clinical Pharmacology (WCP2023) is your passport to a world of cutting-edge science and unmissable career opportunities, in one of the world's most vibrant cities - Glasgow, Scotland. Our scientific programme focuses on collaboration, innovation, and discovery, all of which are underpinned by outstanding science. Our Scientific Organising Committee have selected a fantastic line-up of around 500 speakers and chairs, renowned for their expertise and leadership in pharmacology, drawn from 36 countries and 6 continents. Join us for 63 symposia, 23 keynote lectures, 18 workshops and 3 debates across 10 major content themes.

Alongside our symposia and keynote lectures, we have a packed schedule of abstract presentations, interactive debates, and networking opportunities. We also have our all-important social programme, allowing you to catch up with friends and colleagues from across the globe and get a taste of what Scotland has to offer.

Take a look at the programme below and start planning your WCP2023. We look forward to seeing you there.

With best wishes,



Professor David Webb DSc FRSE FMedSci
President of WCP2023



Professor Amrita Ahluwalia BSc, PhD
Secretary - General of WCP2023

Day 1 - Sunday

2 July 2023



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09.00	09.00 - 17.00 Exhibition / Poster viewing	
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Registration Opens

16.00 - 17.00
Opening Ceremony
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17.00 - 18.00
Opening Plenary - The Grey matter of Sand and Sky. Dimensions of a Discipline for the 21st Century
Professor Garret FitzGerald
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18.00 - 21.00
Welcome Reception
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Day 2 - Monday

3 July 2023

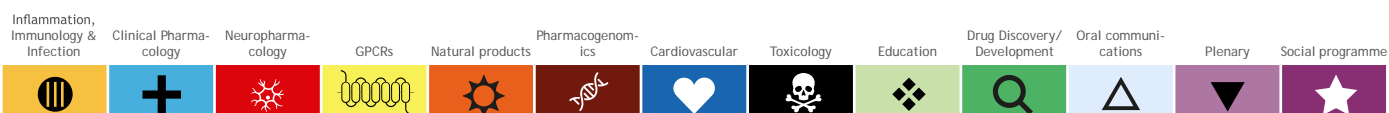


Innovations Theatre

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BJCP Sponsored by the British Journal Clinical of Pharmacology



Day 3 - Tuesday

4 July 2023



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08.30		08.30 - 09.20 Keynote Lecture 1 Translating molecular insights in auto-immunity into effective therapy Professor Sir Marc Feldmann			08.30 - 09.20 Keynote Lecture 2 Pharmacogenomics, clinical pharmacology and clinical implementation - progress and barriers Professor Sir Munir Pirmohamed			08.30 - 09.20 Keynote Lecture 3 Through the Looking Glass: G-proteins and their lessons for cell growth, survival and inflammation Professor Joan Heller Brown				
08.45												
09.00	09.00 - 17.00 Exhibition / Poster viewing	09.20 - 09.45 Refreshment Break										
09.15												
09.30		09.45 - 12.10 Symposium	09.45 - 12.10 Symposium - Transcription Factors and Drug Discovery	09.45 - 12.10 Symposium - Resolution Pharmacology - new therapeutic approaches for the treatment of inflammatory diseases	09.45 - 12.10 Symposium HMGBl and proteinases in inflammation and pain: possible drug-gable targets	09.45 - 12.10 Symposium - Drug development according to signaling diversities of G protein coupled receptors	09.45 - 12.10 Symposium - Health effects of Natural Products: From the chemical structure to the biological response	09.45 - 11.30 Symposium - Paediatric Pharmacology - From Molecule to Bedside	09.45 - 11.30 Workshop - Appraising the Visibility, Relevance and Impacts of Clinical Pharmacology Globally	09.45 - 11.30 Workshop		
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12.00		12.10 - 13.40 Lunch Break / Posters										
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13.30		13.40 - 14.30 Keynote Lecture 1 Pharmacology: from chemicals to antibodies and back to chemicals? Sir Greg Winter			13.40 - 14.30 Keynote Lecture 2 Toward the mysteries of sleep Professor Masashi Yanagisawa			13.40 - 14.30 Keynote Lecture 3 Hemodynamic Regulation, Energy Metabolism and Vascular Homeostasis Professor Huang Yu				
13.45												
14.00		14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications	14.40 - 15.40 Oral communications		
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14.30		15.40 - 16.05 Refreshment Break										
14.45		16.05 - 18.30 Symposium - The Emerging Era of Membrane Protein Structural Biology and Pharmacology in India	16.05 - 18.30 Symposium - Pharmacology of personalized and targeted drugs	16.05 - 18.30 Symposium - Antibody Engineering of Drugs to New Treatments	16.05 - 18.30 Symposium - Advances in the pharmacology of relaxin - 3 and related peptides	16.05 - 18.30 Symposium - Genomic biomarkers in cancer therapy response	16.05 - 18.30 Symposium Mechanisms & Pharmacological Approaches to treat Intestinal Pain	16.05 - 18.30 Symposium - New Insights into Drug Hypersensitivity	16.05 - 17.50 Workshop - Multidrug resistance in Cancer. Stratagem view and current challenges	16.05 - 17.50 Workshop - What is the most important question to ask in early phase clinical drug development?	16.05 - 17.50 Half day workshop - New to Pharmacology Teaching? An Interactive Workshop for Transitioning to a Career in Education	
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19.00		19.30 - 22.30 Ceilidh Evening										
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Inflammation, Immunology & Infection	Clinical Pharmacology	Neuropharmacology	GPCRs	Natural products	Pharmacogenomics	Cardiovascular	Toxicology	Education	Drug Discovery/Development	Oral communications	Plenary	Social programme
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Day 4 - Wednesday

5 July 2023

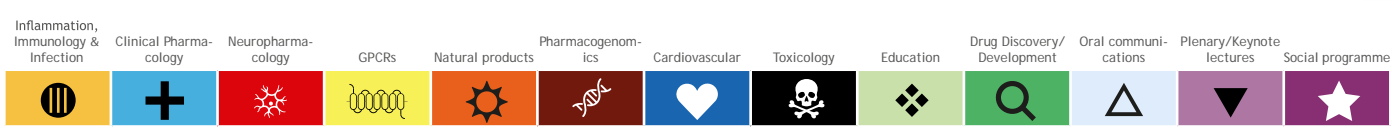


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08.30		08.30 - 09.20 Keynote Lecture 1 The Legacy of COVID-19 and its vaccines Professor Sir Andrew Pollard				08.30 - 09.20 Keynote Lecture 2 Harnessing big data for personalized medicine Professor Eran Segal				08.30 - 09.20 Keynote Lecture 3															
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09.30		09.20 - 09.45 Refreshment Break																							
09.45		09.45 - 12.10 Symposium	09.45 - 12.10 Symposium - Mechanopharmacology	09.45 - 12.10 Symposium - Study, Development and Rationale Use of Immunopharmacological Agents	09.45 - 12.10 Symposium - Neurodevelopmental disorders, potential therapeutic targets and treatments	09.45 - 12.10 Symposium - GPCRs in Addiction	09.45 - 12.10 Symposium - Frontiers of novel drug targets in disease	09.45 - 12.10 Symposium - Stress Signaling Nuclear Receptors in Cardiovascular Health and Disease	09.45 - 12.10 Symposium - Transporter mediated drug - drug interactions: translation into the clinics	+	09.45 - 11.30 Workshop - What can modelling do for you? Rational design and interpretation of clinical studies integrating clinical knowledge with predictive tools														
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12.15		09.00 - 17.00 Exhibition / Poster viewing																							
12.30		12.10 - 13.35 Lunch Break / Posters																							
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13.30		13.35 - 16.00 Symposium - Global strategy for accelerating the implementation of alternatives methods (3Rs) in the quality control of vaccines and other biologics	13.35 - 16.00 Symposium - Glycosphingolipids in neurodegeneration and viral infections	13.35 - 16.00 Symposium - Immunotherapy and its resistant and challenges	13.35 - 16.00 Symposium - Towards improvement of treatment of chronic pain by mechanism - based modelling approaches	13.35 - 16.00 Symposium - Experimental Pharmacology in Precision Medicine	13.35 - 16.00 Symposium - Drug interactions in the real world	13.35 - 15.20 Workshop - ER4TB - Closing the gap between early bacterial activity and clinical cure"	13.35 - 15.20 Workshop - The WHO 3rd safety challenge "Medication without harm	13.35 - 15.20 Workshop - CIOMS Guidance for Medicines Safety	13.35 - 16.00 Half day workshop - Emerging Innovations in Pharmacological Education														
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16.00		16.00 - 16.15 Refreshment Break																							
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16.30		16.15 - 17.15 IUPHAR Analytical Pharmacology Lecture - Computational GPCR pharmacology Professor David Gloriam																							
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18.15		17.15 - 19.30 IUPHAR General & Clinical Assembly & IUPHAR Lifetime Achievement Award																							
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20.30		19.30 - 22.00 Reception for IUPHAR General Assembly																							
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Day 5 - Thursday

6 July 2023



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Inflammation, Immunology & Infection	Clinical Pharmacology	Neuropharmacology	GPCRs	Natural products	Pharmacogenomics	Cardiovascular	Toxicology	Education	Drug Discovery/Development	Oral communications	Plenary	Social programme

Day 6 - Friday

7 July 2023



Innovations Theatre

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08.00		Oral commu- nications	Oral commu- nications	Oral commu- nications	Oral commu- nications	Oral commu- nications	Oral commu- nications	Oral commu- nications	Oral commu- nications	Oral commu- nications	
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09.00		09.00 - 09.50 Keynote Lecture 1 Professor Sir Martin Landray			09.00 - 09.50 Keynote Lecture 2 Cell-selective screens for novel analgesics Professor Clifford Woolf			09.00 - 09.50 Keynote Lecture 3 Transporters in drug development: From targets through regulation Professor Kathy Giacomini			
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09.30		09.50 - 10.15 Refreshment Break									
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10.15	09.00 - 14.00 Exhibition / Poster viewing	10.15 - 12.40 Symposium - Organo- phosphorus poisoning - from the fields of Asia to Syria and Salisbury	10.15 - 12.40 Symposium - The primary and second- ary phar- macology of transporters	10.15 - 12.40 Symposium - Asthma. New Therapeutic Avenues	10.15 - 12.40 Symposium - Novel approaches to target neurodegen- eration	10.15 - 12.40 Symposium - The Yin and Yang of Formyl Peptide Receptor (FPR) Biology in Inflammation	10.15 - 12.40 Symposium - Organ cross - talk in cardiovascu- lar disease	10.15 - 12.40 Symposium - Drug Induced Renal Injury - New Insights and Clinical Implications	10.15 - 12.00 Workshop - Natural Product Libraries - Challenges of Management, Isolation and Characterisation	10.15 - 12.00 Workshop - Teaching phar- macology in the flipped classroom. digital tools and resources for pre- work and active learning	
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13.00		12.40 - 14.10 Lunch Break / Posters									
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14.15		14.10 - 15.10 Closing Plenary Lecture - Professor Sir Patrick Vallance									
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14.45		15.10 - 16.10 Closing Ceremony									
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