



WCP2023

2 - 7 JULY 2023

GLASGOW | SCOTLAND

Programme

Programme information listed as of 3 May 2023.



BRITISH
PHARMACOLOGICAL
SOCIETY



PHAR
INTERNATIONAL UNION OF BASIC
AND CLINICAL PHARMACOLOGY

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Welcome

Welcome!

We are delighted to welcome you to Glasgow and the United Kingdom for the 19th World Congress of Basic and Clinical Pharmacology, jointly hosted by the British Pharmacological Society and the International Union of Basic and Clinical Pharmacology. Known for its rich history in pharmacology and scientific heritage, Glasgow is an ideal location for us to come together for this prestigious event.

We have an exciting programme lined up for the week, featuring nearly 500 speakers and chairs from 78 countries, each renowned for their expertise and leadership in pharmacology. Our scientific programme focuses on collaboration, innovation and discovery, and covers the full spectrum of pharmacology.

Alongside our symposia and keynote lectures, we have a full schedule of abstract presentations, interactive debates and social events. We hope that alongside the science, you will have a chance to network with friends and colleagues, as well as experience some of the art, culture, history and natural beauty available to enjoy in Scotland.

Once again, we extend a warm welcome to all our participants and look forward to a vibrant and engaging Congress.

With best wishes,



Professor David Webb
President, WCP2023



Professor Amrita Ahluwalia
Secretary-General, WCP2023

Programme Colour Key Guide

Inflammation,
Immunology & Infection

Clinical Pharmacology

Neuropharmacology

GPCRs

Natural Products

Pharmacogenomics

Cardiovascular

Safety Toxicology

Education

Drug Discovery/Development

Keynote/Plenary

Sponsor Session


Social Event

Careers

Other

Day 1 – Sunday 2 July 2023

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	Hall 4	Clyde Auditorium
16.00 pm 17.00 pm		Opening Ceremony
17.00 pm 18.00 pm		Opening Plenary Lecture The Grey matter of Sand and Sky. Dimensions of a Discipline for the 21st Century. Professor Garret A.FitzGerald
18.00 pm 21.00 pm	Civic Reception  Kindly supported by The Right Honourable Lord Provost and Glasgow City Council	

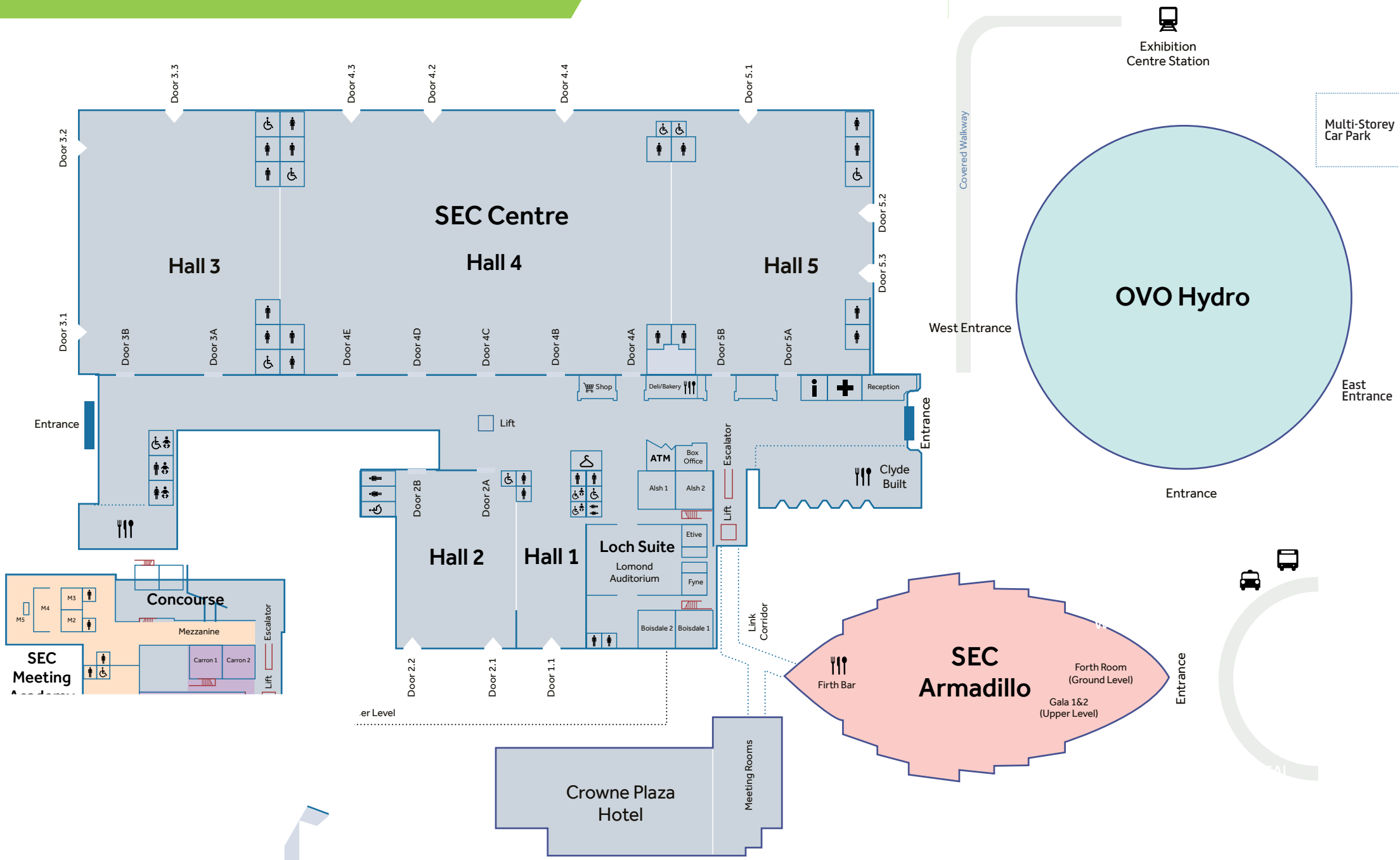
Day 2 – Monday 3 July 2023													Page 3					
	Clyde Auditorium	Lomond Auditorium	Hall 1	M1	Forth	Alsh	Boisdale	Carron	Dochart	GALA 1 and 2	Career Zone	Innovation Theatre						
8.30 am 9.15 am	KN01 No time to wait: global progress and challenges in tackling AMR Professor Dame Sally Davies	KN02 Inflammation and depression Professor Ed Bullmore	KN03 Liquid Biopsy: Establishing a new diagnostic concept in oncology Professor Klaus Pantel								Sessions all day							
9.20 am 9.45 am	Refreshment Break in Hall 4				Refreshment Break in Hall 4				Refreshment Break in Hall 4				BOOTCAMP Careers - biopharma					
9.45 am 10.45am	S01 Antibiotics: Solving the crisis	S02 Targeting Inflammation in Infectious Diseases	S03 Safety Pharmacology for the 21st Century – new technologies and approaches supporting safety and predictivity within drug discovery and development	S04 Addressing the challenges in translational pharmacology through academic-industrial collaboration	S05 Marine Natural Products Pharmacology	S06 Can platelet purinergic receptors be targeted to safely treat non-thrombotic diseases?	S07 Progress in geriatric pharmacology: improving drug development, evaluation and use for our ageing population	W01 Accelerating Chemical Biology and early Drug Discovery by academic collaborative initiatives	S61 IQVIA Symposium									
11.10 am 12.10 pm												Debate - 01 The Inter-dependence of Basic and Clinical Pharmacology From Benchside to Bedside and Back						
12.10 pm 12.30pm																		
13.00pm 13.30pm	Lunch Break / Posters in Hall 4				Lunch Break / Posters in Hall 4				Lunch Break / Posters in Hall 4		Prescribing Training and Practice in Middle East and Gulf Cooperation Council Countries and the Case for Upskilling Prescribers	BCPT						
13.30pm 13.40pm																		
13.40pm 14.30pm	KN04 Structural insights into the dynamic process of GPCR signaling Professor Brian Kobilka	KN05 Heart failure therapeutics: The ultimate pharmacological success story? Professor John McMurray	KN06 Neurotransmitter receptors and brain maps Professor Katrin Amunts															
14.40pm 15.40pm	Oral Communications			Oral Communications				Oral Communications										
15.40pm 16.05pm	Refreshment Break in Hall 4				Refreshment Break in Hall 4				Refreshment Break in Hall 4									
16.05pm 17.30pm	S08 Space Medicine-The Final Frontier: Insights from the NASA Twin Study	S09 Psychedelics in neuropsychiatric disorders	S10 Drug discovery and development for Malaria	S11 Emerging role of NLRP3 inflammasome as a therapeutic target in cardiovascular and infectious diseases	S12 Pharmacogenomics in 2023: Big Studies, Big Results, Big Implications, Big Responsibilities	S13 Pharmacometric model informed drug development in infectious diseases	S14 Trio Symposium	W02 Deprescribing for older people: International efforts to understand and improve efficacy, safety and implementation	W03 Professional Identity of the 21st Century Pharmacology Educator									
17.30pm 18.30pm																		

Day 3 – Tuesday 4 July 2023													Page 4
	Clyde Auditorium	Lomond Auditorium	Hall 1	M1	Forth	Alsh	Boisdale	Carron	Dochart	GALA 1 and 2	Career Zone	Innovation Theatre	
7.15 am 8.15 am											Sessions all day	Bootcamp	
8.30 am 9.20 am	KN07 Pharmacogenomics, clinical pharmacology and clinical implementation – progress and barriers Professor Sir Munir Pirmohamed	KN08 Through the Looking Glass: G-proteins and their lessons for cell growth, survival and inflammation Professor Joan Heller Brown	KN09 Translating molecular insights in auto-immunity into effective therapy Professor Sir Marc Feldmann										
9.20 am 9.30 am	Refreshment Break in Hall 4												
9.30 am 9.45 am	Refreshment Break in Hall 4												Cambridge University Press
9.45 am 10.15am	S60 UK Biobank Symposium	S15 The importance of interrogating sex differences in cardiovascular physiology and disease	S16 Health effects of Natural Products: from the chemical structure to the biological response	S17 Drug development according to signaling diversities of G protein coupled receptors	S18 Transcription Factors and Drug Discovery	S19 HMGB1 and proteinases in inflammation and pain: possible druggable targets	S20 Resolution Pharmacology – new therapeutic approaches for the treatment of inflammatory diseases	S21 Paediatric Pharmacology – From Molecule to Bedside	W04 Appraising the Visibility, Relevance and Impacts of Clinical Pharmacology Globally				Repocell
10.15am 10.45am													ASPET
10.30am 11.00am													
11.10am 12.10pm													Debate - 02 Clinical Decision Support - Saves Our Souls (CDS SOS)
12.10 pm 12.30 pm	Lunch Break / Posters in Hall 4												
12.30pm 13.00pm	Lunch Break / Posters in Hall 4												Meet the Editors
13.05pm 13.30pm	Lunch Break / Posters in Hall 4												BCPT
13.30pm 13.40pm	Lunch Break / Posters in Hall 4												
13.40pm 14.30pm	KN10 Pharmacology: from chemicals to antibodies and back to chemicals? Sir Greg Winter	KN11 Toward the mysteries of sleep Professor Masashi Yanagisawa	KN12 Hemodynamic Regulation, Energy Metabolism and Vascular Homeostasis Professor Huang Yu										
14.30pm 15.15pm	Oral Communications									EPHAR meeting		Trio	
15.15pm 15.40pm	Oral Communications												
15.40pm 16.05pm	Refreshment Break in Hall 4									Refreshment Break in Hall 4			
16.05pm 16.30pm	S22 Antibody Engineering of Drugs to New Treatments	S23 The Emerging Era of Membrane Protein Structural Biology and Pharmacology in India	S24 New Insights into Drug Hypersensitivity	S25 Genomic biomarkers in cancer therapy response	S26 Pharmacology of personalised and targeted drugs	S27 Mechanisms & Pharmacological Approaches to treat Intestinal Pain	S28 Advances in the pharmacology of relaxin-3 and related peptides	W05 Multidrug resistance in Cancer: Stratagem view and current challenges	W06 What is the most important question to ask in early phase clinical drug development?			W07 New to Pharmacology Teaching? An Interactive Workshop for Transitioning to a Career in Education	
16.30pm 18.30pm													
19.30pm 22.30pm	Ceilidh Evening				Ceilidh Evening				Ceilidh Evening				

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Day 5 – Thursday 6 July 2023													Page 6	
	Clyde Auditorium	Lomond Auditorium	Hall 1	M1	Forth	Alsh	Boisdale	Carron	Dochart	GALA 1 and 2	Career Zone	Innovation Theatre		
7.15 am 8.15 am											Sessions all day	Bootcamp		
8.30 am 9.15 am	KN16 Keynote Lecture Sir Mene Pangalos	KN17 Human pluripotent stem cells come of age in modelling cardiovascular diseases and toxicity Professor Christine Mummery	KN18 Gene targeting therapies for Huntington’s disease, what does the future hold for neurodegenerative disorders? Professor Sarah Tabrizi											
9.20 am 9.45 am	Refreshment Break in Hall 4			Refreshment Break in Hall 4					Refreshment Break in Hall 4				Cambridge University Press	
9.45 am 10.00 am	S41 Towards an international blueprint for clinical pharmacology	S42 GPCRs in cancer: New therapeutic opportunities	S43 Immune system modulating drugs: Where are we?	S44 Drug Repurposing: Challenges and Opportunities	IUPHAR ECR COMP	S45 Ion channel pharmacology: roles in diseases and therapeutic targeting	S46 Assessment of Proarrhythmic Adverse Effects during Drug Development: Current Status and Challenges Ahead	W14 Challenges and Approaches for Natural Product Drug Discovery					MedChem Express	
10.00 am 10.30 am													Wiley	
10.30 am 11.00 am														DNAnexus
11.30 am 12.00 pm													ASPET	
12.10 pm 12.20 pm	Lunch Break / Posters in Hall 4									Wiley Networking Lunch				
12.20 pm 13.00 pm													ASCEPT	
13.00 pm 13.40 pm													BCPT	
13.40 pm 14.30 pm	KN19 Viral Hepatitis: The Search for a Cure Professor Michael Sofia	KN20 Allosteric Drug Discovery: From Theory To Practice Professor Arthur Christopoulos	KN21 Transformation of Genomic Healthcare Professor Sir Mark Caulfield											
14.40 pm 15.40 pm	Oral Communications			Oral Communications					Oral Communications					
15.40 pm 16.05 pm	Refreshment Break in Hall 4			Refreshment Break in Hall 4					Refreshment Break in Hall 4					
16.05 pm 18.30 pm	S47 Spotlights on emerging immunopharmacology for controlling rheumatic and allergic diseases	S48 Best Practices in Teaching Pharmacology and Therapeutics – Training the Next Generation of Clinicians	S49 Targeting prostanoid receptors for treating tissue inflammation and pathophysiologies	S50 The dawn of cell and system-specific AMPK activators?	S51 Artificial Intelligence in drug discovery and development	S52 The Blood-Brain Barrier in Dementia: Views from the East to the West	W15 Prescribing skills training and assessment: Global perspective, future plan	W16 What Does ‘Society’ Value in New Medicines, and How Can We Know?	W17 New drugs for Old: Heparin and its mimetics					
19.30 pm 22.30 pm	Gala Dinner				Gala Dinner				Gala Dinner					

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WCP2023 Partners

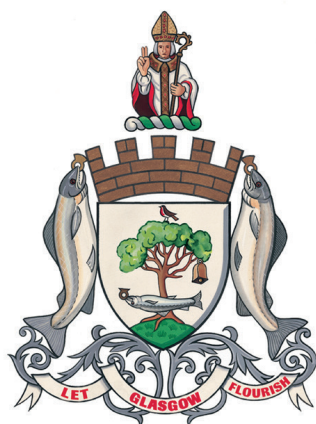
We are grateful for the support of our WCP2023 partners



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please visit wcp2023.org