

**WCP2018 Satellite Symposium
Receptor structure changes the pharmacology paradigm
(incorporating the 10th Adrenoceptor Symposium)**

Date	Thursday, June 28th to Saturday, June 30th, 2018 (2.5days)
Venue	Granship Convention Center, Shizuoka, Japan (about 1 h from Kyoto by train) www.granship.or.jp
Purpose of this symposium	Adrenoceptors are important mediators in physiology and pathophysiology and, hence, drug targets. They have also been key models to understand the structure and function of G-Protein-Coupled Receptors in general, as highlighted by the 2012 Nobel Prize in Chemistry for Robert Lefkowitz and Brian Kobilka. Following a tradition of Adrenoceptor Symposia at each IUPHAR Congress since 1984, the Adrenoceptor Symposium 2018 will focus on four main themes: improved understanding of receptors based on structural information; role of allosteric and biased agonism; pathophysiology; drug development. A panel of leading experts from Asia, the Americas, Australia, and Europe will discuss the latest developments in these four themes. This will be supplemented by short oral presentations and posters selected from authors of submitted abstracts. The meeting is generously sponsored by the British Pharmacological Society.
Organizers and Chairpersons:	Prof. Martin C. Michel Johannes Gutenberg University, Mainz, Germany
Speakers:	Brian Kobilka, Stanford University, USA (requested) Presentation title: TBA
	Roger Sunahara, University of California San Diego, USA (requested) Presentation title: TBA
	Arthur Christopoulos, Monash University, Australia Presentation title: Structural insight into allostericity and biased receptor modulation
	Daniel Scott, Florey Univ, Australia Presentation title: Ultra stable α 1-AR subtypes for NMR-based ligand screening
	Richard Bond, University of Houston, USA Presentation title: Interplay of biased and inverse agonism
	Martin C. Michel, Johannes Gutenberg University, Germany Presentation title: A role for biased agonism in β 3-AR desensitization?
	Steven Charlton, University of Nottingham, UK Presentation title: Industry perspective on biased agonism
	Dana Hutchinson, Monash University, Australia Presentation title: AR in brown, white and brite adipose tissue
	Masaaki Sato, Monash University, Australia Presentation title: Cardioprotection by A1A AR

WCP2018 Satellite Symposium
Receptor structure changes the pharmacology paradigm
(incorporating the 10th Adrenoceptor Symposium)

Speakers:	Xiao-Jun Du, Baker Inst Diabetes Res, Australia Presentation title: β -AR upregulate BIM and galactin-3 through Mst1/Hippo pathway in cardiomyopathy
	Ebru Arioglu-Inan, Ankara University, Turkey Presentation title: Cardiac β 3-AR - a role in human pathophysiology?
	Massimo dal Monte, The University of Pisa, Italy Presentation title: β 3-AR as drug targets in melanoma
	Sab Ventura, Monash University, Australia Presentation title: What makes α 1A AR gene product assume an α 1L phenotype?
	Shizuo Yamada, Shizuoka University, Japan Presentation title: Tissue-selective pharmacokinetics of α 1A-AR ligands
	Yasuhiko Igawa, The University of Tokyo, Japan Presentation title: Knowns and unknowns in β 3-AR as target for treating lower urinary tract symptoms