SPECIAL SECTION—A LATIN AMERICAN PERSPECTIVE ON G PROTEIN-COUPL ED RECEPTORS

A Latin American Perspective on G Protein–Coupled Receptors
André S. Pupo and J. Adolfo García-Sáinz

Gβγ Pathways in Cell Polarity and Migration Linked to Oncogenic GPCR Signaling: Potential Relevance in Tumor Microenvironment
José Vázquez-Prado, Ismael Bracho-Valdés, Rodolfo Daniel Cervantes-Villagrana, and Guadalupe Reyes-Cruz

A Pluridimensional View of Biased Agonism
Claudio M. Costa-Neto, Lucas T. Parreiras-e-Silva, and Michel Bouvier

The Follitropin Receptor: Matching Structure and Function
Alfredo Ulloa-Aguirre and Teresa Zariñán

Dissecting the Signaling Pathways Involved in the Crosstalk between Metabotropic Glutamate 5 and Cannabinoid Type 1 Receptors
Isabella G. Olmo, Talita H. Ferreira-Vieira, and Fabiola M. Ribeiro

The Multiple Waves of Cannabinoid 1 Receptor Signaling
Carlos Nogueras-Ortiz and Guillermo A. Yudoveski

Corticotropin-Releasing Factor Receptors and Their Interacting Proteins: Functional Consequences
Paula G. Slater, Hector E. Yarur, and Katia Gysling

Monogenic and Monoallelic Expression of Odorant Receptors
Maíra H. Nagai, Lucia Maria Armelin-Correa, and Bettina Malnic

Current Knowledge and Perspectives on Histamine H1 and H2 Receptor Pharmacology: Functional Selectivity, Receptor Crosstalk, and Repositioning of Classic Histaminergic Ligands
Federico Monczor and Natalia Fernandez

The Histamine H3 Receptor: Structure, Pharmacology, and Function

ARTICLES

Protein RS1 (RSC1A1) Downregulates the Exocytotic Pathway of Glucose Transporter SGLT1 at Low Intracellular Glucose via Inhibition of Ornithine Decarboxylase

Sirtuin 1 Mediates the Actions of Peroxisome Proliferator-Activated Receptor δ on the Oxidized Low-Density Lipoprotein–Triggered Migration and Proliferation of Vascular Smooth Muscle Cells
Jung Seok Hwang, Sun Ah Ham, Taesik Yoo, Won Jin Lee, Kyung Shin Paek, Chi-Ho Lee, and Han Geuk Seo
α-Pinene, a Major Constituent of Pine Tree Oils, Enhances Non-Rapid Eye Movement Sleep in Mice through GABA_A-benzodiazepine Receptors
Hyejin Yang, Junsung Woo, Ae Nim Pae, Min Young Um, Nam-Chul Cho, Ki Duk Park, Minseok Yoon, Jiyoung Kim, C. Justin Lee, and Suengmok Cho

The Selective Na_1.7 Inhibitor, PF-05089771, Interacts Equivalently with Fast and Slow Inactivated Na_1.7 Channels
Jonathan W. Theile, Matthew D. Fuller, and Mark L. Chapman

Adelmidrol, a Palmitoylethanolamide Analogue, as a New Pharmacological Treatment for the Management of Inflammatory Bowel Disease
Marika Cordaro, Daniela Impellizzeri, Enrico Gugliandolo, Rosalba Siracusa, Rosalia Crupi, Emanuela Esposito, and Salvatore Cuzzocrea

Transcriptional Regulation of Human Cytosolic Sulfotransferase 1C3 by Peroxisome Proliferator-Activated Receptor γ in LS180 Human Colorectal Adenocarcinoma Cells
Sarah Dubaisi, Hailin Fang, Thomas A. Kocarek, and Melissa Runge-Morris

An Aryl Hydrocarbon Receptor-Mediated Amplification Loop That Enforces Cell Migration in ER^-/PR^-/Her2^- Human Breast Cancer Cells
Olga Novikov, Zhongyan Wang, Elizabeth A. Stanford, Ashley J. Parks, Alejandra Ramirez-Cardenas, Esther Landesman, Israa Laklouk, Carmen Sarita-Reyes, Daniel Gusenleitner, Amy Li, Stefano Monti, Sara Manteiga, Kyongbum Lee, and David H. Sherr

Supplemental material is available online at http://molpharm.aspetjournals.org.

About the cover: Three-dimensional homology model of the FSH/FSHR complex is shown with mapped positions of the naturally occurring mutations at the FSHR. See the article by Ulloa-Aguirre et al. (doi:10.1124/mol.116.104398)