

Table of Contents

Molecular and functional diversity of the TRPC family of ion channels. TRPC channels and their role in ROCE/SOCE <i>L. Birnbaumer, E. Yildirim, Y. Liao, J. Abramowitz</i>	1
Functional Rescue of Misfolded Receptor Mutants <i>S.P. Brothers, P.M. Conn</i>	23
Obesity-related mutations of leptin and melanocortin receptors <i>C. Lubrano, B. Dubern, K. Clément</i>	35
cAMP- and cGMP-dependent control of lipolysis and lipid mobilization in humans: putative targets for fat cell management <i>M. Lafontan, M. Berland, C. Sengenès, C. Morod, F. Crampes, J. Galitzky</i>	53
Central Neuropeptide Receptors Involved in Water Balance: Application to Apelin <i>X. Iturrioz, A. Reaux-Le Goazigo, A. Hus-Citharel, N. De Mota, L. Bodineau, A. Frugière, S. El Messari, N. Chartrel, C. Kordon, A. Beaudet, H. Vaudry, F. Moos, C. Llorens-Cortés</i>	79
Targeting regulators of G protein signaling (RGS proteins) to enhance agonist specificity <i>R.R. Neubig</i>	93
Dimeric GPCRs: what did we learn from the metabotropic glutamate receptors? <i>J.P. Pin, C. Goudet, J. Kniazeff, V. Hlavackova, C. Brock, V. Binet, D. Maurel, P. Rondard, J. Blahos, L. Prezeau</i>	105
Guiding principles applied in the design of GPCR-selective hypothalamic hormone agonists and antagonists <i>J. Rivier, J. Gulyas, J. Erchegyi, S.C. Koerber, C.R.R. Grace, R. Riek, M. DiGrucchio, M. Perrin, C. Rivier, V. Eltschinger, B. Waser, R. Cescato, J.C. Reubi, W. and Vale</i> ..	117
Mutations in G proteins and G protein-coupled receptors in human endocrine diseases <i>A. Spiegel</i>	139
A molecular dissection of the glycoprotein hormone receptors <i>G. Vassart, L. Pardo, S. Costagliola</i>	151

VIII Table of Contents

Receptor Tyrosine Kinases as Targets for Cancer Therapy Development
A. Gschwind, O.M. Fischer, A. Ullrich 167

Targets for pituitary tumor therapy
S. Melmed 179

The endogenous cannabinoid system in the control
of food intake and energy balance
A.A. Izzo 189

Subject Index 201



<http://www.springer.com/978-3-540-34446-9>

Insights into Receptor Function and New Drug
Development Targets

Conn, P.M.; Kordon, C. (Eds.)

2006, XV, 202 p., Hardcover

ISBN: 978-3-540-34446-9