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PERSPECTIVE

Baffled by Bafilomycin: An Anticancer Agent That Induces Hypoxia-Inducible Factor-1 α Expression 

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1841

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Nicotinic Acid-Induced Flushing Is Mediated by Activation of Epidermal Langerhans Cells

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[D-Trp⁸]- γ -Melanocyte-Stimulating Hormone Exhibits Anti-Inflammatory Efficacy in Mice Bearing a Nonfunctional MC1R (Recessive Yellow *e/e* Mouse)

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1885

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- Conformational Constraining of Inactive and Active States of a Seven Transmembrane Receptor by Metal Ion Site Engineering in the Extracellular End of Transmembrane Segment V
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- 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin and Epidermal Growth Factor Cooperatively Suppress Peroxisome Proliferator-Activated Receptor- γ 1 Stimulation and Restore Focal Adhesion Complexes during Adipogenesis: Selective Contributions of Src, Rho, and Erk Distinguish These Overlapping Processes in C3H10T1/2 Cells
Xueqing Liu and Colin Jefcoate 1902
- Ginsenoside Re, a Main Phytosterol of *Panax ginseng*, Activates Cardiac Potassium Channels via a Nongenomic Pathway of Sex Hormones
Tetsushi Furukawa, Chang-Xi Bai, Asami Kaihara, Eri Ozaki, Takashi Kawano, Yutaka Nakaya, Muhammad Awais, Moritoshi Sato, Yoshio Umezawa, and Junko Kurokawa 1916
- Stimulation of AMP-Activated Protein Kinase Is Essential for the Induction of Drug Metabolizing Enzymes by Phenobarbital in Human and Mouse Liver
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- Insights into the Cholecystokinin 2 Receptor Binding Site and Processes of Activation
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- Eriocalyxin B Inhibits Nuclear Factor- κ B Activation by Interfering with the Binding of Both p65 and p50 to the Response Element in a Noncompetitive Manner
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- § Molecular Interaction of Serotonin 5-HT_{2A} Receptor Residues Phe339^(6.51) and Phe340^(6.52) with Superpotent *N*-Benzyl Phenethylamine Agonists
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- Dissecting the Roles of Checkpoint Kinase 1/CDC2 and Mitogen-Activated Protein Kinase Kinase 1/2/Extracellular Signal-Regulated Kinase 1/2 in Relation to 7-Hydroxystaurosporine-Induced Apoptosis in Human Multiple Myeloma Cells
Xin-Yan Pei, Weiqun Li, Yun Dai, Paul Dent, and Steven Grant 1965
- Structural Requirements of Transmembrane Domain 3 for Activation by the M₁ Muscarinic Receptor Agonists AC-42, AC-260584, Clozapine, and *N*-Desmethylozapine: Evidence for Three Distinct Modes of Receptor Activation
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- Determinants of 1-Piperidinecarboxamide, *N*-[2-[[5-Amino-*L*-[[4-(4-pyridinyl)-*L*-piperazinyl]-carbonyl]pentyl]amino]-1-[(3,5-dibromo-4-hydroxyphenyl)methyl]-2-oxoethyl]-4-(1,4-dihydro-2-oxo-3(2*H*)-quinazolinyl) (BIBN4096BS) Affinity for Calcitonin Gene-Related Peptide and Amylin Receptors—The Role of Receptor Activity Modifying Protein 1
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- cAMP Inhibits Transforming Growth Factor- β -Stimulated Collagen Synthesis via Inhibition of Extracellular Signal-Regulated Kinase 1/2 and Smad Signaling in Cardiac Fibroblasts
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- Essential Role of C-Rel in Nitric-Oxide Synthase-2 Transcriptional Activation: Time-Dependent Control by Salicylate
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- § 2,3-Butanedione Monoxime Affects Cystic Fibrosis Transmembrane Conductance Regulator Channel Function through Phosphorylation-Dependent and Phosphorylation-Independent Mechanisms: The Role of Bilayer Material Properties
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[S] Supplemental material is available online at <http://molpharm.aspetjournals.org>.

About the cover: Illustrative cross-eyed stereopair representation of ligand pose from virtual docking experiments with 25H-NBOMe (A) and 251-NBOH (B) in the h5-HT_{2A} receptor, showing proposed π - π interactions between the *N*-benzyl moiety and Phe339, and the aryl portion of the phenethylamine and Phe340. See the article by Braden et al. on page 1956 of this issue.