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Topology of Class A G Protein-Coupled Receptors: Insights Gained from Crystal Structures of Rhodopsins, Adrenergic and Adenosine Receptors

Debarshi Mustafi and Krzysztof Palczewski

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Functional Selectivity of GPCR Ligand Stereoisomers: New Pharmacological Opportunities

Roland Seifert and Stefan Dove

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An Intracellular Loop 2 Amino Acid Residue Determines Differential Binding of Arrestin to the Dopamine D₂ and D₃ Receptors

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About the cover: Structural comparison between opsin and rhodopsin illustrating a pathway for retinal exchange. See the article by Mustafi et al. on page 1 of this issue.