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On the cover: Recent progress has been made in fungal G protein-coupled receptor (GPCR) structure characterization that presents novel opportunities for drug design targeting fungal membrane proteins (GPCRs and ion channels). In an article of this issue, Velazhahan, Tate, and colleagues discuss these opportunities leveraging GPCR structure-based drug design and development paradigms. The cover image depicts a structural homodimer model (view parallel to the membrane plane) of yeast GPCR (Ste2) in the antagonist-bound state. Ste2A (gray ribbon), Ste2B (blue ribbon), cholesterol hemisuccinate (orange), N-acetylglucosamine molecules (black), antagonist (yellow or green). Heteroatom representation: oxygen, red; nitrogen, blue. Image credit: adapted from Figure 3 of Velazhahan *et al*.

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