GPCR Efficacy and Biased Agonism

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undesired on-target signaling can improve patient outcomes and translation of drugs to the clinic.

However, the selection of the most appropriate biased agonists will require improved understanding of

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combined with advances in drug design, GPCR structure determination and pharmacological assessment of compounds should provide increasing numbers of new biased agonist drugs to the clinic.

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Heterotrimeric G-protein GTPase

Clozapine N-oxide dihydrochloride

¹ Wootten et al. (2018) Nat Rev Mol

⁴ Baltos et al. (2016) Biochem Pharmacol 99:101–112

⁵ **Kenakin** *et al.* (2012) *ACS Chem Neurosci* **3**:193–203