Multiplex Detection of Fluorescent Chemokine Binding to CXC Chemokine Receptors by NanoBRET

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Supplementary Materials:

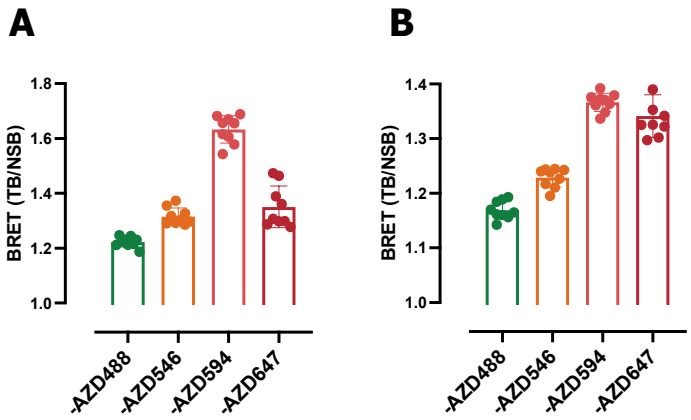
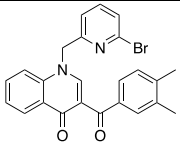
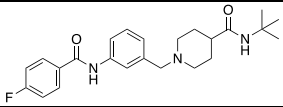
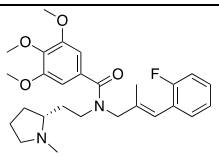
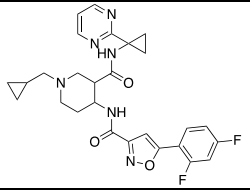
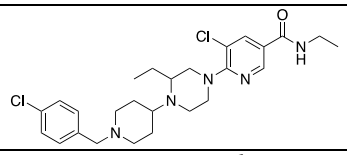
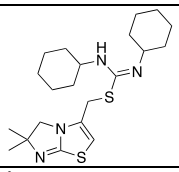
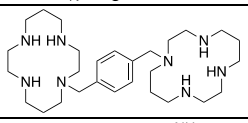
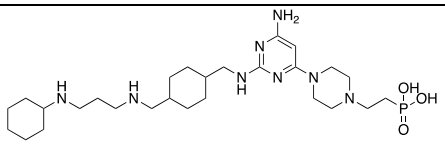


Figure S1. Fold total binding (TB) over non-specific (NSB) CXCL12-AZDxxx binding at K_D concentration for Nluc-ACKR3 (0.3 nM) (**A**) or NLuc-CXCR4 (12.5 nM) (**B**), resulting in 50% receptor occupancy. Data are shown as the BRET-ratio (BRET signal at acceptor of certain CXCL12-AZD divided by NanoLuciferase signal at 470 nm). Data are shown as the mean ± SD of at least 3 independent experiments.

Table S1. List and structures of used small molecules.

Small molecule	Structure	Mode of action
VUF16545		Agonist [49]
VUF25444		Agonist [26])
VUF15485		Agonist [22]
VUF25550		Antagonist [19]

VUF11211		Inverse agonist [50], [51]
IT1t		Antagonist [27]
AMD3100		Antagonist [52]
Burixafor		Antagonist [20]