

September 26, 2019

Editorial Staff, Journal of Visualized Experiments

Dear JOVE editorial staff-members,

We would like to submit our publication titled "Parallel Interrogation of  $\beta$ -Arrestin2 Recruitment for Ligand Screening on a GPCR-Wide Scale using PRESTO-TANGO assay" for your consideration as a published article in JOVE. Our manuscript describes the technical application of the PRESTO-TANGO assay for parallel screening of a class A GPCR panel comprising 320 receptors. To the best of our knowledge, the PRESTO-TANGO platform is the only open-source resource to perform such GPCRome interrogation simultaneously. Moreover, the procedure described is economically and technically accessible to most laboratories.

This platform is receiving high interest in the GPCR field for the reason mentioned above, but also for a general growing awareness to polypharmacology. Indeed, this platform can be used to assay off-target activity of any pharmacological agents at the GPCRome or for the design and discovery of drugs specifically modulating multiple targets.

My colleagues and I look forward to your scientific and editorial comments on our present manuscript.

Sincerely yours and with much thanks,



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