Hyperlinking from BJP articles to the IUPHAR/BPS Guide to PHARMACOLOGY Database

BJP requires the authors of research articles accepted for publication to hyperlink the key protein targets and ligands in their article to the corresponding entries in the IUPHAR/BPS Guide to PHARMACOLOGY (http://www.guidetopharmacology.org), as shown in the example below:

> *'Introduction*
>
> *GABA$_A$-ρ as designated by International Union of Pharmacology (IUPHAR) (Alexander et al., 2015) and also known as GABA-ρ or GABAC receptors, are homopentameric ligand-gated ion channels (LGIC) composed of ρ subunits. They are members of the pentameric or Cys-loop LGIC superfamily comprising excitatory cation selective receptors such as nicotinic acetylcholine receptors, 5-HT$_3$ receptors and zinc-activated channels, and inhibitory anion-selective receptors such as GABA$_A$ receptors, strychnine-sensitive glycine receptors and invertebrate glutamate-gated chloride channels (Thompson et al., 2010; Baenziger and Corringer, 2011). Receptors of this superfamily require five subunits to assemble a single ion channel. The ion channel may be homomeric formed by five identical subunits as is the case of GABA-ρ receptors, or heteromeric, consisting of a combination of at least two different subunits, such as GABAA receptors (Olsen and Sieghart, 2009).'*

Hyperlinks

Only **key** targets and ligands should be hyperlinked, and they should only be hyperlinked at the **first mention** of them in the main text.

Please also create a list of the hyperlinks applied to your article in a separate word file. Please choose 'Data Files' as the File Designation when you upload the word file and ensure the name of the file is 'List of Hyperlinks for Crosschecking'. You will be asked to upload it to ScholarOne during the 'First Look' stage. This will only be used by the press editors to crosscheck the entries - it will not be published.

Nomenclature Statement

Please include the following section/statement in the text of your manuscript:

> **Nomenclature of Targets and Ligands**
>
> Key protein targets and ligands in this article are hyperlinked to corresponding entries in http://www.guidetopharmacology.org, and are permanently archived in the Concise Guide to PHARMACOLOGY 2021/22 (Alexander et al., 2021).

The location of this statement must be as follows:

- For original research articles it should be the final subsection in the 'Methods' section, before the 'Results' section.
- For review articles it should be the final subsection in the article, prior to the acknowledgements and conflict of interest sections.

References

Once you have hyperlinked the first mention of the key protein targets and ligands in your article to the corresponding entries in the Guide to PHARMACOLOGY and added the Nomenclature statement subsection to your manuscript, the final step is to add the references cited in the Nomenclature statement subsection to your reference list.

The statement cites at least one chapter from the Concise Guide to PHARMACOLOGY 2021/22. This publication can be found here https://bpspubs.onlinelibrary.wiley.com/toc/14765381/2021/178/S1. Each chapter covers one of the nine families of protein targets.

If a protein target from a particular family is key to your article, you must add a citation to that family's chapter to the Nomenclature statement and add this chapter to your reference list. If protein targets for multiple families are key to your article, you must cite each of the corresponding chapters. Please try to supply the correct chapter numbers for the Concise Guide to PHARMACOLOGY; but be reassured that this will be checked by the press editors.

How to hyperlink the targets and ligands to www.guidetopharmacology.org

To create the hyperlinks go to the IUPHAR/BPS Guide to PHARMACOLOGY website and enter the target/ligand name in the box marked "Search Database" (top righthand corner). This will take you to a page(s) with several options. From these options, identify the appropriate target/ligand, click on it, and this will take you to a specific page for that target/ligand or family of targets.

It is to this page you need to hyperlink your target/ligand.

Hyperlinking

In order to create a hyperlink, copy the URL for the appropriate target/ligand then return to your manuscript. Right-click on the name of the target/ligand and then click on "hyperlink" in the menu that appears. A pop-up window will then appear and at the top of this will be a box called "text to display". This should be the name of the target/ligand you are linking to. At the bottom of the pop-up window in the box called "address"; paste the URL of the target/ligand into this box and click OK. You can check that the hyperlinking has been made by right-clicking on the target /ligand and in the menu you will see a set of options including "Edit hyperlink" and "Open hyperlink". If you click on the "Open hyperlink" that will take you to the appropriate page in the Database.

Missing entries in the Guide to PHARMACOLOGY

When hyperlinking the key protein targets and ligands in your article to the corresponding entries in the Guide to PHARMACOLOGY, if you find that the guide does not include a corresponding entry for any of the key compounds used in your experiments, especially novel ones, please immediately send an email to enquiries@guidetopharmacology.org, attaching a copy of your accepted manuscript and indicating the full IUPAC specification of the molecular structure against any synonyms or code names.