Guide to IMMUNOPHARMACOLOGY

Database & Web-Portal Release Notes

Version: alpha 2.0

Author: Dr. Simon D. Harding

- - - - - - - - - - -

Overview

The Guide to PHARMACOLOGY (GtoImmuPdb) is a extension to the Guide to PHARMACOLOGY (GtoPdb).
This second, alpha-release (version 2.0), follows 1 month on from the first, alpha-release (version 1.0).

These release notes detail only new and modified feature from v1.0 to v2.0. Please refer to the release notes for v1.0 from comprehensive details.

Included in this release

1. **GtoImmuPdb Portal**

   i. **Menu Bars**
      - New menu item for **Processes**
         - sub-items (7) are each of the main process categories. These link directly to the Immuno Process Association List Pages, focussed on the selected category.
      - New menu item for **Cell Types**
         - sub-items (7) are each of the main cell type categories. These link directly to the Immuno Cell Type Association List Pages, focussed on the selected category.
      - **About** menu reduced, to only have link to about GtoImmuPdb, a sub-menu gives original about list from GtoPdb
      - **Ligand** menu item links to **updated ligand list pages** (see item later), with focus on Immuno tab
      - **Resources** menu item has been modified to link to GtoImmuPdb help and tutorials. GtoPdb help items are put into sub-menu list. News remains linking to existing, GtoPdb, news pages.

   ii. **Ligands**
      - List of ligand groupings has been extended to include 'Immuno ligands' - this refers to those ligands tagged in the database as being in GtoImmuPdb. It links to the updated ligand list page, focussed on the Immuno tab.
      - The list has been re-ordered to put Antibodies second.
      - All items link to updated ligand list page, keeping the GtoImmuPdb view (menu bar).

   iii. **Latest Updates & Help**
      - Add release notes link for v2.0

2. **Ligand List pages**

   i. **URL**

- *http://dev.guidetopharmacology.org/GRAC/LigandListForward?type=Immuno&database=all&imm=true*
- linked to from ligand panel on GtoImmuPdb portal
- linked to from Ligand list menu item, under Ligands

   ii. Toggle
- Button toggle, presented in GtoImmuPdb `gtip-blue` colour
- Toggles between GtoImmuPdb view and standard GtoPdb view
- Switches header banner and menu-bar
- In GtoImmuPdb view, only ligands tagged in the database as being in GtoImmuPdb will be displayed in any of the tables.

   iii. Immuno tab
- Under the 'Immuno' tab, the table shows all ligands tagged as being in GtoImmuPdb.

   iv. Immuno icons
- A new icon has be designed and is displayed next to a ligand name (with other icons), if the ligand is tagged as being in GtoImmuPdb

3. Ligand pages

   i. URL
- *http://dev.guidetopharmacology.org/GRAC/LigandDisplayForward?ligandId=6891*

   ii. Immunpharmacology section
- Under the summary tab
- Above the 'Comments' section a new section maed 'Immunopharmacology' is displayed, with `gtip-blue` background if the ligand is tagged as being in GtoImmuPdb.

Future plans

- Disease associations
- Search on GtoImmuPdb comments against targets
- Include GtoImmuPdb comment against ligands
- Develop 'News' section of portal

User guide

Portal

The main portal URL is (**dev.guidetopharmacology.org/immuno**).

A schematic, flow-diagram of the way to navigate the GtoImmuPdb is provided in the GtoImmuPdb User Guide: **GtoImmuPdb_User_Guide_alpha_v2.0.pdf**