

Guide to IMMUNOPHARMACOLOGY

Database & Web-Portal Release Notes

Version: alpha 3.0

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Overview

The Guide to PHARMACOLOGY (GtoImmuPdb) is an extension to the Guide to PHARMACOLOGY (GtoPdb).

This third, alpha-release (version 3.0), follows 2 months on from the second, alpha-release (version 2.0).

These release notes detail only new and modified features from v2.0 to v3.0. Please refer to the previous release notes for comprehensive details.

Included in this release

1. Ligand pages

i. URL

- <http://dev.guidetopharmacology.org/GRAC/LigandDisplayForward?ligandId=6891>

ii. Immunopharmacology section

- Has been moved from the summary section to a new tabbed. The Immunopharmacology tab is displayed in [gtip-blue](#)
- Within the new tab are 2 sections. One for Immunopharmacology Comments, which shows specific comments about why the ligand has been included in GtoImmuPdb (from `ligand.immuno_comments`). The second displays any disease associations relevant to the ligand.
- The Immunopharmacology Disease section is displayed as a table. This shows the disease name, comments and external references (X-Refs). This data comes from the `immuno_disease2ligand` table.

2. Target Detailed View Pages

i. Immuno Disease Associations

- A new section has been added to surface immuno disease to target associations.
- A content menu item links to the new sections
- The new section displays a panel for each disease associated to the target in the `immuno_disease2object` table
- Each panel includes disease name, synonyms and external references (X-Refs). Also includes curators' comments and literature references.

3. Database Development

New tables have been added to support inclusion of disease associations to both targets and ligands - and to capture literature references relating to these. The ligand table has also been extended to include a column to capture specific immuno comments.

i. Immuno Disease Associations

- immuno_disease2object
- immuno_disease2object_refs
- immuno_disease2ligand
- immuno_disease2ligand_refs

ii. Ligand Immuno Comments

- ligand.immuno_comments (new table)

4. Search

i. Disease associations search

- disease name against immuno targets and ligands
- comments against target and ligand immuno disease associations.

Future plans

- Disease associations - include references in ligand immunopharmacology section on disease.
- Develop 'News' section of portal
- Develop landing points from Disease Panel on portal home

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_v3.0.pdf**