

# MONDO Search Help

November 2017

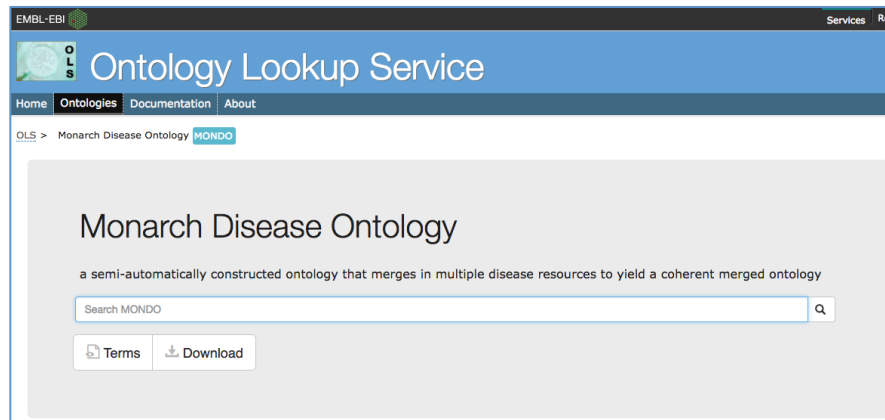
## Allowed ontology (MONDO IDs)

MonDO (Monarch Disease Ontology) merges several different vocabularies into a single ontology structure, including some non-human disease ontologies (for more information, see <https://github.com/monarch-initiative/monarch-disease-ontology>). These include Orphanet, OMIM, Disease Ontology (DO), NCIt, EFO and others.

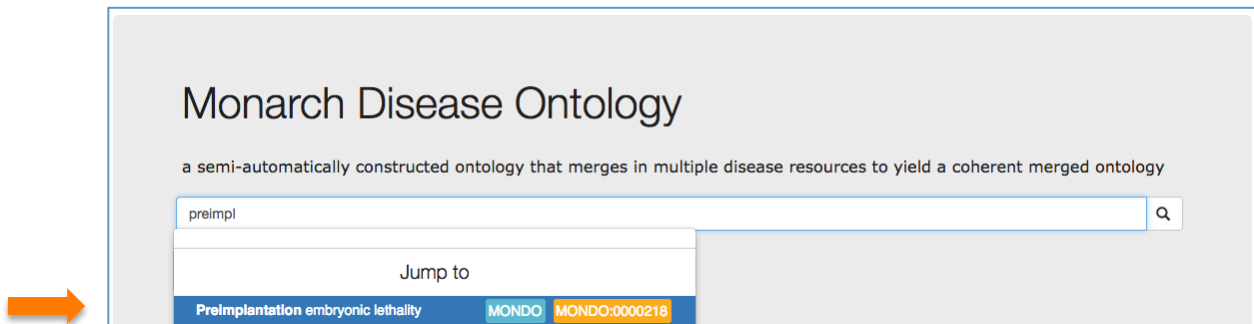
The interface supports the entry of MONDO IDs, which may be mapped to one or more different ontologies such as those listed above.

## Finding a MonDO term

1. Use the [MonDO OLS Search](#) to find the correct disease term (this search is linked from the disease modal in the ClinGen interfaces). Note: be certain you are only searching MONDO in the OLS as it supports the search of a wide variety of ontologies:



2. The MonDO OLS has a type-ahead function – below is an example of what is found after typing “preimplan...”



3. To get information for a term (including its MONDO ID, definition, cross references /mappings to other ontology terms), click on that term's name (see arrow above) – you will see something similar to the following:

The screenshot shows the OLS Monarch Disease Ontology interface. The main title is 'Preimplantation embryonic lethality'. Below the title, the URL is 'http://purl.obolibrary.org/obo/MONDO\_0000218'. On the left, there is a 'Tree view' and 'Term history' section. The 'Tree view' shows a hierarchy with 'disease' as the parent and 'Preimplantation embryonic lethality' as the child. On the right, there is a 'Term info' section. It contains a 'database cross reference' table with one entry: 'DC:0000733 (MONDO:equivalentTo)'. Below this, the 'id' is listed as 'MONDO:0000218'. There are also buttons for 'Graph view', 'Reset tree', and 'Show all siblings'.

If provided, read the “definition” to make certain it matches the disease to which you are curating.

4. If the term is correct, copy the “id” in the Term info window (“MONDO:0000218” in this example) and paste it into the interface disease modal that appears in the GCI and VCI when you choose to add a disease:

Add MONDO ID to disease Modal:

The screenshot shows the 'Add Disease' modal form. It has a blue header with the title 'Add Disease'. Below the header, there is a section titled 'Enter a MONDO ID below. To find the desired MONDO ID:'. This section contains two numbered instructions: 1. Search for the desired MONDO term using the OLS MONDO Search [Help]. 2. Once you have selected the term, enter its MONDO ID (the “id” at the bottom of the “Term info” box on the right hand side of the OLS term page (e.g. MONDO:0016587 [?])). Below these instructions is a text input field with the placeholder text 'e.g. MONDO:0016587'. To the right of the input field is a button labeled 'Retrieve from OLS'. Below the input field is a yellow note box with the text: 'Note: We strongly encourage use of an allowed MONDO ontology term and therefore specific database identifier for a disease. If you have searched and there is no appropriate database identifier you may contact us at [clingen-helpdesk@lists.stanford.edu](mailto:clingen-helpdesk@lists.stanford.edu) and/or create a term using free text.' Below the note box is a checkbox with the text: 'Check this box *only* if you were unable to find a suitable ontology term and need to enter a free text term:'. At the bottom of the form are two buttons: 'Cancel' and 'Save'. An orange arrow points to the input field.

If you have any questions about searching and identifying MonDO terms using the OLS, please reach out to us at [clingen-helpdesk@lists.stanford.edu](mailto:clingen-helpdesk@lists.stanford.edu).