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# **tdrtargets Documentation**

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TDR Targets is a bioinformatics resource focused on helping drug discovery efforts for neglected tropical diseases.

Depending on your perspective it can be viewed as a database that can be browsed, or as a web application that can be leveraged as a tool.

The documentation for TDR Targets provides a detailed description of the various datasets that have been integrated, its functionality, as well as some examples that showcase the utility of this resource.



# CHAPTER 1

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## Introduction

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The large and growing need for antiparasitic drugs (attributable to poor efficacy, high toxicity, and/or emergence of drug resistance), coupled with increasing interest in this area from both academic and pharmaceutical sector research programs, has motivated the development of a “Drug Target Portfolio” database that is accessible via the web at <https://tdrtargets.org>.

This database facilitates two different approaches for identification of drug targets and potential lead compounds against pathogens.

**Warning:** TDR Targets recently moved to a new version release that introduced a lot of functionality changes. Make sure you read full list of changes at <https://tdrtargets.org/releases>.





## CHAPTER 2

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### First Steps

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Are you new to *TDR Targets*? Learn about how to quickly prioritize targets for your pathogen of interest, or search for interesting bioactive compounds.



## CHAPTER 3

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### Getting started

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TDR Targets facilitates two different approaches for identification of drug targets and potential lead compounds against tropical disease causing pathogens:

- [Getting started with targets](#)
- [Getting started with drugs](#)



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Available data for querying and browsing

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- Species tiers
- Data summary



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TDR Targets as a database

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- Basic usage
- Some examples





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### TDR Targets as a prioritizing tool

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- Prioritizing targets out of simple queries
- Prioritizing compounds out of simple queries
- Prioritizing entities through query combination
- Using the network model
- Finding repurposing opportunities



## CHAPTER 7

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### Documentation for Developers

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**Danger:** This section is yet to be written



## CHAPTER 8

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### Indices and tables

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**Danger:** This section is yet to be written