**CTD Disease Resource Access Tool**

1. **Introduction :**

A public database that enhances understanding about the effects of environmental chemicals on human health. In detail, it contains information about gene/protein-disease associations, chemical-disease associations, interactions between chemicals and genes/proteins, as well as the related pathways.

1. **Implementation Details:**

* URL : <http://ctdbase.org/>
* Element URL :<http://ctdbase.org/detail.go?type=disease&acc>=
* Logo URL : <http://neurolex.org/w/images/b/bb/CTD.PNG>
* Resource name : **CTD** **Chem Go Enriched (via NIF)**
* Resource ID : **CTDCGE**
* Contexts :

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Context Name** | **Weight (Assumed)** |
| 1 | ChemicalName | 1.0 |
| 2 | ChemicalID | 0.9 |
| 3 | CasRN | 0.8 |
| 4 | Ontology | 0.7 |
| 5 | GOTermName | 0.6 |
| 6 | HighestGOLevel | 0.5 |
| 7 | PValue | 0.4 |
| 8 | CorrectedPValue | 0.4 |
| 9 | TargetMatchQty | 0.3 |
| 10 | TargetTotalQty | 0.2 |
| 11 | BackgroundMatchQty | 0.1 |
| 12 | BackgroundTotalQty | 0.0 |

1. **Data URLs:**

* http://ctdbase.org/reports/CTD\_chem\_go\_enriched.tsv.gz

1. **References:**

* Home page: <http://ctdbase.org/>
* Tutorial : <http://www.neuinfo.org/tutorials/ctd/ctd_tutorial.shtm>
* Wiki link: <http://neurolex.org/wiki/Category:Resource:Comparative_Toxicogenomics_Database>