About CIDeR

CIDeR is a manually curated database of interactions between disease-related elements such as biomolecules (proteins, metabolites etc.) and other factors (biological processes, phenotypes etc.). The aim of CIDeR is to serve as knowledge base for experimentally-oriented scientists and as resource for bioinformatics applications.

Help

- How to query CIDeR?
  - For default the search space includes all diseases and all types of data.
  - Results of a query are initially shown as a list. On top of the list is a more...
  - Use of the data in CIDeR
    - Data in CIDeR are retrieved mostly from research articles and reviews. All interactions are manually annotated more...
  - Curating the data in CIDeR
    - Information about disease-related interactions consists of three kinds of information more...

Focus topics in diseases

- Inflammation
- Mitochondria

Statistics

- Number of articles: 1905
- Number of entries: 2343
- Number of interactions: 18762

General Information:

- Id: 428
- Diseases: Amyotrophic lateral sclerosis - [OMIM]
- Organism: Homo sapiens
- Resource Type: article

Relation Information:

- Comment: Clinical trials showed that lithium treatment markedly attenuated disease progression when compared with age-, disease duration-, and sex-matched control patients treated with placebo for the same amount of time.
- Formal Description: disease
- Relation-ID: 2230
- drug/chemical compound: Lithium
- decreases_activity_of: Amyotrophic lateral sclerosis