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pCEC

Profiles of Chemical Effect on Cells

2007_rat_liver 2008_mouse_neuro 2008_mouse_repro 2008_mouse_embryostem Select a project!

Overview: pCEC: Profiles of Chemical Effect on Cells
Expression profile, chemical ontology, and so on.

Project: [NIHES CEBS J&J Hepatotoxicant Library](#)
Target: Rat Liver
Platform:
Last update: 2007/02/28

Chemicals
expression neighbor

Chemicals expression neighbor
Correspondence
Analysis

Search

Chemical selector
Select categories & click on this logo!

level1
MechanismLarge

level2
DNA

level3
2-Acetamidofluorene

sample info.
2-Acetamidofluorene

Chemical Expression Neighbor

Expression profile of Today (affected by chemicals)

Hexachlorocyclopentadiene gamma isomer 40mg Hs0000A1	Permethrin 2010mg Hs0000A2
Bumetanide 300mg Hs0000A3	Dinitrochlorobenzene 30mg Hs0000A4
Diflunisal 150mg Hs0000A5	Thiazolidinone 150mg Hs0000A6

Heatmaps showing expression profiles for the chemicals listed above.

SOM Chemical formula Toxicity MechanismDetail MechanismLarge Disease

Color of category

MechanismDetail

- Macrophage Activation
- Oxidative Stress
- Peroxisome Proliferation
- Uncategorized

MechanismLarge

- DNA
- NONE
- NONGENOTOX
- OTHER
- PPAR
- UNLIKELY

Disease

- Bile Duct Damages
- CHOLESTASIS
- Fibrosis
- Microscopic Necrosis
- NECROSIS
- NSAID
- PHOSPHOLIPIDOSIS
- STEATOSIS
- VENOOCCLUSION
- no data
- not observed MN

Z-score

Network Graph

Diethyl... Perfluoro... Rotenon... Etoposid... Retinol... Salind... Valpro... Anisod... Chloram... Rotenon... Quercet... Valpro... Troglit... Rotenon... Fenofib... Valpro... Troglit... Etoposid... Retinol... Etoposid... Rotenon... Dispon... M-146... Methyl... 4,4'-M... Salind... Rotenon... Busulf... Valpro... Benzo... Anisod...