Resource Summary Report

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Towards novel translational safety biomarkers for adverse drug toxicity

RRID:SCR_004006
Type: Tool

Proper Citation

Towards novel translational safety biomarkers for adverse drug toxicity (RRID:SCR_004006)

Resource Information

URL: http://www.tipharma.com/pharmaceutical-research-projects/predictive-drug-disposition-and-toxicology-research/adr-safety-biomarkers.html

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Description: Consortium to develop novel in vitro predictive screening tools and in vivo translational models and biomarkers to improve adverse drug reaction (ADR) hazard identification. This project studies the metabolic effects of eight drugs (among which are paracetamol and diclofenac) with known side effects in the liver. By looking into the mechanics on a level ranging from the molecule to the patient, the researchers in this project aim to find biomarkers and develop tools for the early prediction of side effects of drugs. One of the breakthroughs in the project is the discovery that a person""s genetic profile appears to be one of the mechanics that have an influence on the resistance to adverse drug reactions. The ability to identify adverse effects in an early stage will prevent much discomfort in patients and economic loss. Several PhD theses have been written from this project.

Abbreviations: ADR Research,

Synonyms: ADR Safety Biomarkers, Adverse Drug Reaction Research

Resource Type: consortium, portal, organization portal, data or information resource

Keywords: biomarker, drug development, adverse drug reaction, in vitro, in vivo, screening tool, translational model, drug, liver, side effect, thesis, paracetamol, diclofenac, genetic profile, gene, safety

Funding:

Resource Name: Towards novel translational safety biomarkers for adverse drug toxicity

Resource ID: SCR_004006

Alternate IDs: nlx_158422

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Ratings and Alerts

No rating or validation information has been found for Towards novel translational safety biomarkers for adverse drug toxicity.

No alerts have been found for Towards novel translational safety biomarkers for adverse drug toxicity.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.