

Resource Summary Report

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MIP-DILI

RRID:SCR_003870

Type: Tool

Proper Citation

MIP-DILI (RRID:SCR_003870)

Resource Information

URL: <http://www.mip-dili.eu/>

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Description: Consortium that brings together Europe's top industrial and academic experts to develop new tests that will help researchers detect potential liver toxicity issues much earlier in drug development, saving many patients from the trauma of liver failure. The team aims to deepen the understanding of the science behind drug-induced liver injury, and use that knowledge to overcome the many drawbacks of the tests currently used. A major focus will be on a systematic and evidence-based evaluation of both currently available and new laboratory test systems, including cultures of liver cells in one-dimensional and three dimensional configurations. The project will also develop models that take into account the natural differences between patients. This is important because factors such as certain genes, the liver's immune response, and viral infections have all been associated with an increased risk of DILI. The project will seek to address the current lack of human liver cells available to researchers by using induced pluripotent stem cells (iPSCs) generated from patients who are particularly sensitive to DILI. Another strand of the project will develop computer models to unravel the complex, often inter-related mechanisms behind DILI. Finally, the team will assess how accurate the results of laboratory tests are at predicting actual outcomes in patients.

Abbreviations: MIP-DILI

Synonyms: Mechanism-Based Integrated Systems for the Prediction of Drug-Induced Liver Injury (MIP-DILI), Mechanism based Integrated systems for the Prediction of Drug Induced Liver Injury, Mechanism-Based Integrated Systems for the Prediction of Drug-Induced Liver Injury

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

Keywords: drug, liver, toxicity test, toxicity, drug development, tool development, liver toxicity, preclinical, model, induced pluripotent stem cell, liver cell, gene, immune response, computer model, outcome

Funding: Innovative Medicines Initiative 115336;
EFPIA

Resource Name: MIP-DILI

Resource ID: SCR_003870

Alternate IDs: nlx_158195

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260729T044051+0000

Ratings and Alerts

No rating or validation information has been found for MIP-DILI.

No alerts have been found for MIP-DILI.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Dragovic S, et al. (2016) Evidence-based selection of training compounds for use in the mechanism-based integrated prediction of drug-induced liver injury in man. Archives of toxicology, 90(12), 2979.

Robles-D??az M, et al. (2016) Biomarkers in DILI: One More Step Forward. Frontiers in pharmacology, 7, 267.