



## DILI Information Resources

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### < Featured Resources >

Hoofnagle JH, Björnsson ES. Drug-induced liver injury – types and phenotypes. *N Engl J Med.* 2019;381(3):264–73. PubMed PMID: 31314970.

Devarbhavi H, Aithal G, Treeprasertsuk S, Takikawa H, Mao Y, Shasthry SM, Hamid S, Tan SS, et al; Asia Pacific Association of Study of Liver. Drug-induced liver injury: Asia Pacific Association of Study of Liver consensus guidelines. *Hepatology Int.* 2021 Feb 27. Epub ahead of print. PubMed PMID: 33641080.

### Bibliographic

- [PubMed](#) – Bibliographic citations and full text from the world's biomedical literature  
National Center for Biotechnology Information, National Library of Medicine
- [TOXLINE](#) – Toxicology focused citations and full text from the world's biomedical literature  
National Center for Biotechnology Information, National Library of Medicine

### Factual

- **FDA DILI Conference** – See [Meetings and News in the LiverTox Sidebar](#)  
The US Food and Drug Administration, Center for Drug Evaluation and Research (FDA/CDER) sponsors an annual Drug-Induced Liver Injury Conference.
- **ChemIDplus Advanced** – Chemical substance information, plus substructure and similarity search capability  
National Library of Medicine, NIH
- **DailyMed** – Medication labeling (package inserts) and related product information  
National Library of Medicine, NIH

- [NCCIH Herbs at a Glance – Fact sheets about specific herbs or botanicals](#)  
National Center for Complementary and Integrative Health, NIH
- [Natural Medicines Comprehensive Database – Evidence-based information on natural medicines](#)  
Therapeutic Research Center, Natural Medicines
- [ODS Dietary Supplement Fact Sheets](#)  
Office of Dietary Supplements, NIH

## Imaging

- [MedPics – Clinical, hematology, histology and pathology image and text database system](#)  
University of California San Diego, School of Medicine
- [MedPix – Arrayed radiographic image and text database, including patient profiles](#)  
Lister Hill National Center for Biomedical Communications, National Library of Medicine, NIH

## Monitoring Systems

- [FAERS/FDA Adverse Event Reporting System – Postmarketing adverse drug event reporting](#)  
Center for Drug Evaluation and Research, Food and Drug Administration
- [MedWatch – FDA Postmarketing product safety reporting program](#)  
Center for Drug Evaluation and Research, Food and Drug Administration

## Registries and Research

- [ALF/Acute Liver Failure Study Group – Registry for all forms of liver failure](#)  
University of Texas Southwestern Medical Center at Dallas
- [ClinicalTrials – Registry of federally and privately supported clinical research](#)  
National Library of Medicine, NIH
- [DILIN/Drug-Induced Liver Injury Network – Registry, analysis of cases of drug-induced liver injury](#)  
National Institute of Diabetes and Digestive and Kidney Diseases; Duke Clinical Research Institute; Consortium of nine clinical centers
- [EDKB/Endocrine Disruptor Knowledge Base – For computational predictive toxicology models](#)  
National Center for Toxicological Research, Food and Drug Administration
- [LTKB/Liver Toxicity Knowledge Base – Resources for understanding drug-induced liver injury](#)
- [LTKB/Liver Toxicity Knowledge Base Benchmark Dataset](#)
- [LTKB/Liver Toxicity Knowledge Base Publications](#)  
National Center for Toxicological Research, Food and Drug Administration
- [PALF/Pediatric Acute Liver Failure Study Group – Registry for all forms of pediatric liver failure](#)  
University of Pittsburgh

## Select Review Articles [Recent 4 Years]

1. Hey-Hadavi J, Seekins D, Palmer M, Coffey D, Caminis J, Abdullaev S, Patwardhan M, et al. Overview of causality assessment for drug-induced liver injury (DILI) in clinical trials. *Drug Saf.* 2021 Mar 16. Epub ahead of print. PubMed PMID: 33725335.
2. Devarbhavi H, Aithal G, Treeprasertsuk S, Takikawa H, Mao Y, Shasthry SM, Hamid S, Tan SS, et al; Asia Pacific Association of Study of Liver. Drug-induced liver injury: Asia Pacific Association of Study of Liver consensus guidelines. *Hepatol Int.* 2021 Feb 27. Epub ahead of print. PubMed PMID: 33641080.
3. Liu A, Walter M, Wright P, Bartosik A, Dolciemi D, Elbasir A, Yang H, Bender A. Prediction and mechanistic analysis of drug-induced liver injury (DILI) based on chemical structure. *Biol Direct.* 2021;16(1):6. PubMed PMID: 33461600.

4. Takemura A, Ito K. *Nihon Yakurigaku Zasshi*. 2020;155(6):401–5. [The trends in predicting drug-induced liver injury]. Japanese. PubMed PMID: 33132258.
5. Apel K, Pütz K, Tolkach Y, Canbay A, Drebber U. Drug-induced liver injury – Stellenwert der Pathologie. *Pathologe*. 2020;41(5):457–70. [Drug-induced liver injury–significance of pathology]. German. PubMed PMID: 32813127.
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8. Watkins PB. Quantitative systems toxicology approaches to understand and predict drug-induced liver injury. *Clin Liver Dis*. 2020;24(1):49–60. PubMed PMID: 31753250.
9. Thakkar S, Li T, Liu Z, Wu L, Roberts R, Tong W. Drug-induced liver injury severity and toxicity (DILIST): binary classification of 1279 drugs by human hepatotoxicity. *Drug Discov Today*. 2020;25(1):201–8. PubMed PMID: 31669330.
10. Andrade RJ, Robles-Díaz M. Diagnostic and prognostic assessment of suspected drug-induced liver injury in clinical practice. *Liver Int*. 2020;40(1):6–17. PubMed PMID: 31578817.
11. Andrade RJ, Chalasani N, Björnsson ES, Suzuki A, Kullak-Ublick GA, Watkins PB, Devarbhavi H, et al. Drug-induced liver injury. *Nat Rev Dis Primers*. 2019;5(1):58. PubMed PMID: 31439850.
12. Hoofnagle JH, Björnsson ES. Drug-induced liver injury – types and phenotypes. *N Engl J Med*. 2019;381(3):264–73. PubMed PMID: 31314970.
13. Uetrecht J. Mechanisms of idiosyncratic drug-induced liver injury. *Adv Pharmacol*. 2019;85:133–63. PubMed PMID: 31307585.
14. Sarin SK, Choudhury A, Sharma MK, Maiwall R, Al Mahtab M, Rahman S, Saigal S, et al. APASL ACLF Research Consortium (AARC) for APASL ACLF working Party. Acute-on-chronic liver failure: consensus recommendations of the Asian Pacific association for the study of the liver (APASL): an update. *Hepatol Int*. 2019;13(4):353–90. Erratum in: *Hepatol Int* 2019; 13(6): 826–8. PubMed PMID: 31172417.
15. He S, Zhang C, Zhou P, Zhang X, Ye T, Wang R, Sun G, Sun X. Herb-induced liver injury: phylogenetic relationship, structure-toxicity relationship, and herb-ingredient network analysis. *Int J Mol Sci*. 2019;20(15):3633. PubMed PMID: 31349548.
16. McGill MR, Jaeschke H. Biomarkers of drug-induced liver injury. *Adv Pharmacol*. 2019;85:221–39. PubMed PMID: 31307588.
17. Real M, Barnhill MS, Higley C, Rosenberg J, Lewis JH. Drug-induced liver injury: highlights of the recent literature. *Drug Saf*. 2019;42(3):365–87. PubMed PMID: 30343418.
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21. Kleiner DE. Recent advances in the histopathology of drug-induced liver injury. *Surg Pathol Clin*. 2018;11(2):297–311. PubMed PMID: 29751876.
22. Thakkar S, Chen M, Fang H, Liu Z, Roberts R, Tong W. The Liver Toxicity Knowledge Base (LKTb) and drug-induced liver injury (DILI) classification for assessment of human liver injury. *Expert Rev Gastroenterol Hepatol*. 2018;12(1):31–8. PubMed PMID: 28931315.
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24. Navarro VJ, Khan I, Björnsson E, Seeff LB, Serrano J, Hoofnagle JH. Liver injury from herbal and dietary supplements. *Hepatology*. 2017;65(1):363–73. PubMed PMID: 27677775.

## LiverTox Promotional Handout

- Users of LiverTox are encouraged to reproduce the [LiverTox Handout](#) for distribution at relevant professional/scientific meetings.