Resource Summary Report

Generated by NIF on May 20, 2025

eTOX

RRID:SCR_003712
Type: Tool

Proper Citation

eTOX (RRID:SCR_003712)

Resource Information

URL: http://www.etoxproject.eu/

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Description: Project to develop a drug safety database from the pharmaceutical industry legacy toxicology reports and public toxicology data; innovative in silico strategies and novel software tools to better predict the toxicological profiles of small molecules in early stages of the drug development pipeline. The project is creating this pharmaco-toxicological database with an aim to: * Reduce the number of animal tests * Decrease the attrition rates of new drug candidates * Increase the success rate of new molecular entities becoming drugs * Improve the safety of drugs on the market The project consists of three different systems, * eTOX VITIC Database a unified database containing all confidential and non-confidential data collected in eTOX (historical data from the pharmaceutical industry) * ChOX Database a unified database containing public data (literature and public database) * eTOXsys Query and Prediction System an interface providing a uniform access to the two databases (VITIC and ChOX) and to all developed prediction models and systems

Abbreviations: eTOX

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

Keywords: consortium, drug development, drug, toxicology, toxicity, database, drug safety, molecule, pharmacology, molecule, FASEB list

Funding: Innovative Medicines Initiative 115002

Resource Name: eTOX

Resource ID: SCR_003712

Alternate IDs: nlx_157882

Record Creation Time: 20220129T080220+0000

Record Last Update: 20250519T203300+0000

Ratings and Alerts

No rating or validation information has been found for eTOX.

No alerts have been found for eTOX.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

, et al. (2025) Joint speech and text machine translation for up to 100 languages. Nature, 637(8046), 587.

Kehrein J, et al. (2024) POxload: Machine Learning Estimates Drug Loadings of Polymeric Micelles. Molecular pharmaceutics, 21(7), 3356.

, et al. (2024) Scaling neural machine translation to 200 languages. Nature, 630(8018), 841.

Terracciano R, et al. (2024) Poly(2-oxazoline)-Based Thermoresponsive Stomatocytes. Biomacromolecules, 25(9), 6050.

Zhou M, et al. (2023) Convenient and Controllable Synthesis of Poly(2-oxazoline)-Conjugated Doxorubicin for Regulating Anti-Tumor Selectivity. Journal of functional biomaterials, 14(7).

Lanzalaco S, et al. (2023) Mechanical Properties of Smart Polypropylene Meshes: Effects of Mesh Architecture, Plasma Treatment, Thermosensitive Coating, and Sterilization Process. ACS biomaterials science & engineering, 9(6), 3699.

Lejal V, et al. (2023) Assessment of Drug-Induced Liver Injury through Cell Morphology and Gene Expression Analysis. Chemical research in toxicology, 36(9), 1456.

Datta S, et al. (2022) Influence of Hydrophobic Side-Chain Length in Amphiphilic Gradient Copoly(2-oxazoline)s on the Therapeutics Loading, Stability, Cellular Uptake and

Pharmacokinetics of Nano-Formulation with Curcumin. Pharmaceutics, 14(12).

Webel HE, et al. (2020) Revealing cytotoxic substructures in molecules using deep learning. Journal of computer-aided molecular design, 34(7), 731.

Pásztói B, et al. (2020) Synthesis of Tosyl- and Nosyl-Ended Polyisobutylenes with High Extent of Functionalities: The Effect of Reaction Conditions. Polymers, 12(11).

Konefa? R, et al. (2020) Temperature Behavior of Aqueous Solutions of Poly(2-oxazoline) Homopolymer and Block Copolymers Investigated by NMR Spectroscopy and Dynamic Light Scattering. Polymers, 12(9).

Horakova J, et al. (2020) Impact of Various Sterilization and Disinfection Techniques on Electrospun Poly-?-caprolactone. ACS omega, 5(15), 8885.

Czich S, et al. (2020) Two-Photon Polymerized Poly(2-Ethyl-2-Oxazoline) Hydrogel 3D Microstructures with Tunable Mechanical Properties for Tissue Engineering. Molecules (Basel, Switzerland), 25(21).

Van Steenberge PHM, et al. (2019) Visualization and design of the functional group distribution during statistical copolymerization. Nature communications, 10(1), 3641.

Sánchez-Fernández MJ, et al. (2019) Alendronate-Functionalized Poly(2-oxazoline)s with Tunable Affinity for Calcium Cations. Biomacromolecules, 20(8), 2913.

Ballantyne A, et al. (2019) Big Data and Public-Private Partnerships in Healthcare and Research: The Application of an Ethics Framework for Big Data in Health and Research. Asian bioethics review, 11(3), 315.

Laverty H, et al. (2019) The Innovative Medicines Initiative -10 Years of Public-Private Collaboration. Frontiers in medicine, 6, 275.

Muljajew I, et al. (2018) PMMA-g-OEtOx Graft Copolymers: Influence of Grafting Degree and Side Chain Length on the Conformation in Aqueous Solution. Materials (Basel, Switzerland), 11(4).

Jain S, et al. (2018) Interspecies comparison of putative ligand binding sites of human, rat and mouse P-glycoprotein. European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences, 122, 134.

Pastor M, et al. (2018) Development of an Infrastructure for the Prediction of Biological Endpoints in Industrial Environments. Lessons Learned at the eTOX Project. Frontiers in pharmacology, 9, 1147.