Resource Summary Report

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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: portal, consortium, data or information resource, organization 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: 20260728T043150+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 45 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Holick CT, et al. (2025) Poly(2-ethyl-2-oxazoline) (POx) as Poly(ethylene glycol) (PEG)-Lipid Substitute for Lipid Nanoparticle Formulations. Small (Weinheim an der Bergstrasse, Germany), 21(16), e2411354.

Hazer B, et al. (2025) Synthesis and Characterization of a Novel Membrane Based on Poly (2-Ethyl Oxazoline) and Poly (Propylene) Graft Copolymer for Potential Food Packaging and Medical Applications. ACS omega, 10(31), 34227.

Guadalupi M, et al. (2025) The Design, Development, and Clinical Assessment of a Novel Patented Laparoscopic Instrument for Ovariectomy in Dogs. Veterinary sciences, 12(7).

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

Elter JK, et al. (2025) Solid Lipid Nanoparticles Coated with Glucosylated poly(2-oxazoline)s: A Supramolecular Toolbox Approach. Biomacromolecules, 26(2), 861.

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.

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).

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).

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).

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

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.

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

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