# Resource Summary Report

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## EpiTarget

RRID:SCR_003771
Type: Tool

### Proper Citation

EpiTarget (RRID:SCR_003771)

### Resource Information

**URL:** http://www.epitarget.eu/

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**Description:** A multidisciplinary project focused on the process leading to epilepsy, epileptogenesis, in adults. Their main hypothesis is that there are combinations of various causes, acting in parallel and/or in succession, that lead to epileptogenesis and development of seizures. Their central premise and vision is that a combinatorial approach is necessary to identify appropriate biomarkers and develop effective antiepileptogenic therapeutics. The project will focus on: * identifying novel biomarkers and their combinations for epileptogenesis after potentially epileptogenic brain insults in clinically relevant animal models, such as traumatic brain injury (TBI) and status epilepticus (SE); * exploring multiple basic mechanisms of epileptogenesis and their mutual interactions; * and translating these findings towards the clinic by validating biomarkers in human samples accessible to the consortium.

**Abbreviations:** EPITARGET

**Synonyms:** EPITARGET - Targets and biomarkers for antiepileptogenesis

**Resource Type:** data or information resource, portal

**Keywords:** common data element, preclinical, target, biomarker, antiepileptogenesis, adult human, animal model, clinical

**Related Condition:** Epilepsy

**Funding:** European Union FP7 602102

**Resource Name:** EpiTarget

**Resource ID:** SCR_003771

**Alternate IDs:** nlx_158041

**Record Creation Time:** 20220129T080220+0000

**Record Last Update:** 20260808T042548+0000

## Ratings and Alerts

No rating or validation information has been found for EpiTarget.

No alerts have been found for EpiTarget.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 7 mentions in open access literature.

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


Heiskanen M, et al. (2024) Plasma neurofilament heavy chain is a prognostic biomarker for the development of severe epilepsy after experimental traumatic brain injury. Epilepsia, 65(12), 3703.

Ndode-Ekane XE, et al. (2024) Successful harmonization in EpiBioS4Rx biomarker study on post-traumatic epilepsy paves the way towards powered preclinical multicenter studies. Epilepsy research, 199, 107263.

Heiskanen M, et al. (2023) Discovery and Validation of Circulating microRNAs as Biomarkers for Epileptogenesis after Experimental Traumatic Brain Injury-The EPITARGET Cohort. International journal of molecular sciences, 24(3).

Yasmin A, et al. (2022) Post-injury ventricular enlargement associates with iron in choroid plexus but not with seizure susceptibility nor lesion atrophy-6-month MRI follow-up after experimental traumatic brain injury. Brain structure & function, 227(1), 145.

Heiskanen M, et al. (2022) Plasma Neurofilament Light Chain (NF-L) Is a Prognostic Biomarker for Cortical Damage Evolution but Not for Cognitive Impairment or Epileptogenesis Following Experimental TBI. International journal of molecular sciences, 23(23).

De Feo R, et al. (2022) Convolutional Neural Networks Enable Robust Automatic Segmentation of the Rat Hippocampus in MRI After Traumatic Brain Injury. Frontiers in neurology, 13, 820267.

Lapinlampi N, et al. (2017) Common data elements and data management: Remedy to cure underpowered preclinical studies. Epilepsy research, 129, 87.