

# Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

## BrainPeps

RRID:SCR\_008851

Type: Tool

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### Proper Citation

BrainPeps (RRID:SCR\_008851)

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### Resource Information

**URL:** <http://brainpeps.ugent.be/>

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**Description:** Database of blood-brain barrier properties of peptides including structure, method, responses, physicochemical properties and related literature. The database is linked to a manuscript entitled Brainpeps: the blood-brain barrier peptide database, in which the BBB methods and responses are clarified and correlated to each other. Data may be submitted for addition to the database.

**Abbreviations:** Brainpeps

**Synonyms:** Brain Peps

**Resource Type:** data or information resource, data repository, database, service resource, storage service resource

**Defining Citation:** [PMID:22205159](#)

**Keywords:** peptide, intravenous injection, efflux study, immortal cell line, brain slice, ultracentrifugation, bui method, capillary depletion, iam-hplc, indicator diffusion, bmec, shake flask, non-cerebral cell line, in vitro equilibrium dialysis, microdialysis, imaging techniques, quantitative autoradiography, antinociception, hplc, in situ brain perfusion, (co)-culture, mbua, ultrafiltration, cisternal puncture, bei method, gibbs adsorption isotherm, pampa, blood-brain barrier, brain, permeability, distribution, data set

**Funding:** Institute for the Promotion of Innovation through Science and Technology in Flanders IWT-Vlaanderen 73402

**Availability:** Acknowledgement requested, The community can contribute to this resource

**Resource Name:** BrainPeps

**Resource ID:** SCR\_008851

**Alternate IDs:** nlx\_149082

**Record Creation Time:** 20220129T080249+0000

**Record Last Update:** 20260821T193843+0000

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## Ratings and Alerts

No rating or validation information has been found for BrainPeps.

No alerts have been found for BrainPeps.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Alves PA, et al. (2025) Computational Modeling of Pharmaceuticals with an Emphasis on Crossing the Blood-Brain Barrier. Pharmaceuticals (Basel, Switzerland), 18(2).

de Oliveira ECL, et al. (2022) Biological Membrane-Penetrating Peptides: Computational Prediction and Applications. Frontiers in cellular and infection microbiology, 12, 838259.