

Resource Summary Report

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European Lead Factory

RRID:SCR_003858

Type: Tool

Proper Citation

European Lead Factory (RRID:SCR_003858)

Resource Information

URL: <https://www.europeanleadfactory.eu/>

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Description: Consortium that promotes the discovery of novel small molecule candidates suitable for subsequent optimization either to drug candidates or to high-quality pharmacological tools for the experimental validation of targets using open innovation and crowd sourcing. It is designed to provide best-in-class resources and funding-in-kind, to academics or small and medium enterprises (SMEs) who are working on promising biology targets or chemistry scaffolds. Screening of compounds to assess their activity is also funded and performed by the EU Lead Factory, with collaboration to help develop an Improved Hit List from the Qualified Hit List. They will provide collaborative screening of previously safeguarded, high quality corporate compounds. Around 300,000 compounds in the EFPIA Compound Collection, contributed by EFPIA members, will be screened against both commercially contributed biology targets and targets from public sources. The second phase of the consortium is to build a substantial new Public Compound Collection of around 200,000 compounds. Together, the EFPIA and Public compound collections will form a 500,000-strong Joint European Compound Collection. Target program owners and compound contributors will receive a Qualified Hit List (QHL) of up to 50 compounds complete with relevant information to help in the development of an Improved Hit List (IHL). Target program owners, will have exclusive access to threshold active compounds in their QHL. After the three-year exclusivity period, QHL/IHL information will be made public. Milestone payments are due if direct exploitation proceeds, not for research use. And owners and contributors will give EFPIA participants the right to submit a first bid (which they do not have to accept).

Abbreviations: ELF

Synonyms: EU Lead Factory

Resource Type: nonprofit organization

Keywords: drug, crowd sourcing, drug candidate, pharmacological tool, target, oncology, drug discovery, drug development, lead structure, lead, compound, lead molecule, tool development, biomarker, small molecule, basic science, screening

Funding: Innovative Medicines Initiative 115489;
EFPIA

Resource Name: European Lead Factory

Resource ID: SCR_003858

Alternate IDs: nlx_158182, grid.498269.8

Alternate URLs: <https://ror.org/02gxafv90>

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260801T190221+0000

Ratings and Alerts

No rating or validation information has been found for European Lead Factory.

No alerts have been found for European Lead Factory.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Emmerich CH, et al. (2021) Improving target assessment in biomedical research: the GOT-IT recommendations. Nature reviews. Drug discovery, 20(1), 64.

Honarnejad S, et al. (2021) Hit Discovery for Public Target Programs in the European Lead Factory: Experiences and Output from Assay Development and Ultra-High-Throughput Screening. SLAS discovery : advancing life sciences R & D, 26(2), 192.

Jenkins L, et al. (2021) Discovery and Characterization of Novel Antagonists of the Proinflammatory Orphan Receptor GPR84. ACS pharmacology & translational science, 4(5), 1598.

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

Fechner U, et al. (2016) 11th German Conference on Chemoinformatics (GCC 2015) : Fulda, Germany. 8-10 November 2015. Journal of cheminformatics, 8(Suppl 1), 18.

Labb?? CM, et al. (2015) MTiOpenScreen: a web server for structure-based virtual screening. Nucleic acids research, 43(W1), W448.