

# Resource Summary Report

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## POLYMUN Scientific

RRID:SCR\_003926

Type: Tool

### Proper Citation

POLYMUN Scientific (RRID:SCR\_003926)

### Resource Information

**URL:** <http://www.polymun.at/>

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**Description:** A private commercial company generating revenues by contract development and manufacturing biopharmaceuticals as well as creating liposomal formats of drugs for contract partners. These revenues are invested in the proprietary product pipeline and the further development of technology platforms. The R&D projects and technologies are open for co-development and licensing. Polymun operates in accordance with current GMP guidelines and holds an Austrian production license for pharmaceuticals (1993 Austrian Pharmaceutical Law) thus meeting the EU requirements for drug manufacturing. Its core competence is the development and manufacture of biopharmaceuticals, using both mammalian and microbial cell technology. A fine example are Polymun's broadly neutralizing HIV-1 antibodies produced in CHO cells. Other examples are recombinant human and porcine trypsin produced in yeast. Cell culture was also the basis for the development of a live attenuated influenza vaccine produced in Vero cells which led to the further investigation in genetically modified influenza viruses used as carrier for foreign epitopes (HIV, TB). Also the innovative liposome technology was initiated in order to optimize the formulation of the pharmacologically potent enzyme SOD, produced by Polymun in E. coli. Today, Polymun can apply this drug delivery platform to all kinds of pharmaceutically active ingredients. The industrial applicability in scale and price is a common focus throughout all projects and technologies.

**Abbreviations:** POLYMUN

**Synonyms:** Polymun Scientific Immunbiologische Forschung GmbH

**Resource Type:** commercial organization

**Keywords:** biopharmaceutical, liposomal formulation, drug manufacture, pharmaceutical, liposome, drug

**Resource Name:** POLYMUN Scientific

**Resource ID:** SCR\_003926

**Alternate IDs:** nlx\_158293

**Alternate URLs:** <http://www.polymun.com/>

**Record Creation Time:** 20220129T080221+0000

**Record Last Update:** 20260725T190544+0000

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## Ratings and Alerts

No rating or validation information has been found for POLYMUN Scientific.

No alerts have been found for POLYMUN Scientific.

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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 [PRECISE-TBI](#) .

Joachim A, et al. (2016) Boosting with Subtype C CN54rgp140 Protein Adjuvanted with Glucopyranosyl Lipid Adjuvant after Priming with HIV-DNA and HIV-MVA Is Safe and Enhances Immune Responses: A Phase I Trial. PloS one, 11(5), e0155702.

Pritchard LK, et al. (2015) Structural Constraints Determine the Glycosylation of HIV-1 Envelope Trimers. Cell reports, 11(10), 1604.