



TheProphetAI Srl

BioRecommender Software
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BIORECOMMENDER

The ultimate solution for biotech companies and Biotech distributors looking to streamline their data management processes.

With Biorecommender, you can easily access information about 4.500 producers of biotech products for research and diagnostics, including antibodies, kit-Elisa, proteins, DNA reagents, and instruments. In addition, our software provides a complete list of distributors by country.

The most advanced A.I. Platform database for Life-Science business.

Unlock Efficiency, ROI, and Cost Savings with Biorecommender

Are you tired of spending countless time searching for the right researchers and product to sell? Many questions, analysis and later wait for the customer (researcher) requests?

The future of bioresearch is here with Biorecommender, the platform that not only simplifies your work but also delivers remarkable time, cost, and ROI benefits.

Unmatched Researcher Database

At the core of Biorecommender is an extensive worldwide researcher database. Our unique disambiguation technology ensures you get precise information about the researchers you seek, saving you valuable time and avoiding costly misdirection.

You will have, ready to be used CONCEPTS, GENES, DISEASES cited into the customer publications.

Time-Saving Insights from Scientific Papers

With Biorecommender, access to the minds of researchers is just a click away. Analyze the concepts in their scientific papers effortlessly. Say goodbye to hours of manual reading and hello to instant insights. We have 300 million of paper updated every day!

Navigate Product-Genes and Diseases with Ease

Delve deep into the genetic landscape referenced in researchers' papers. Biorecommender offers invaluable insights into genes and diseases, accelerating your research and enhancing your project's success.

AI-Powered Gene Recommendations

Biorecommender's cutting-edge AI technology recommends genes (and product code of your product list!) based on researchers' work. Predict what to sell – antibodies, proteins, or ELISA kits – with confidence, increasing your ROI potential.

The A.I. recommendation come from the GeneRecommender engine (www.generecommender.com) a powerful platform using a neural network and processing billion of information)

Biorecommender - Efficiency, ROI, and Cost Savings, All in One.

Open a 3 day free account on <https://www.biorecommender.com>, try with a researcher who recently ordered some products from your catalogue and understand the powder of Biorecommender.

The screenshot displays the Biorecommender interface with several key sections:

- Author:** Profile for Danilo Bondi, University of Chieti-Pescara, with 59 works and 244 citations. A yellow label "Searched Researcher" is overlaid on this section.
- Works:** A list of papers with a yellow label "all papers" at the top. The first paper is from 2024-05-01 by Mauro Gianni Perrucci et al., titled "Liquid chromatographic method for extracellular Guanosine 5'-Triphosphate and Tetrahydrobiopterin pathway products: analysis from cadaveric samples and human biofluids".
- Concepts:** A list of concepts such as "Isometric exercise", "Medicine", "Squat", etc., with a yellow label "Concepts expressed in papers (in selected date period)" overlaid.
- Genes:** A list of genes like "MIR206", "MIR378A", "MIR21", etc., with a yellow label "Genes, protein cited into papers (in selected date)" overlaid.
- Diseases:** A list of diseases like "D000860 Hypoxia", with a yellow label "Disease cited in papers (in selected date)" overlaid.
- AI Gene Recommendations:** A section titled "GENE RECOMMENDER recommendation" with a yellow label "GENE RECOMMENDER recommendation" overlaid.

The database contains 7 million products with gene symbol, so once you have searched for a customer, you have profiled him/her, clicking on cited genes, or recommended one you can have an extensive list of products with basic information and the producer website link.

Basically, two possible workflows in your company:

1) I'm in sales department, have to visit/call Dott. Luigi Bondurri, in CRM some information not exhaustive, and from statistic some antibodies and kit-Elisa for TNF and CRP. Open Biorecommender, start from AUTHORS section.

1. Digit the name and surname
2. Observe the publication list, eventually open the most evocative or interesting with a click.
3. Observe the concepts, genes and diseases cited, eventually change the date over publication to filter the most recent genes and citation.
4. Export these data for a future use (e.g. a visit or call)
5. Click on some gene (cited or recommender by the A.I. System, Generecommender), chose the product type from dropdown list, observe the producer offering and look on website who can be the competitor.
6. Visit/Call the customer, you already know much information, try to offer some genes/products, you will be surprised how many will ask "How do you know?"
* Up to now we have >30% conversion in recommender genes/orders

I'm in marketing department, must address a mailing for Alzheimer disease and relative products:

- 1 Author section, concept
- 2 Digit Alzheimer and observe the concepts listed.
- 3 Filter by country, Fist big list, filter by Institute (in the country) second list
- 4 Export the result, match with your CRM, send the email/marketing campaign
* we are working on EU GDPR for supply emails of researcher.

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How can we recommend genes for specific customer?

We are the proud founder of [GeneRecommender](#), a free platform for no-profit research.

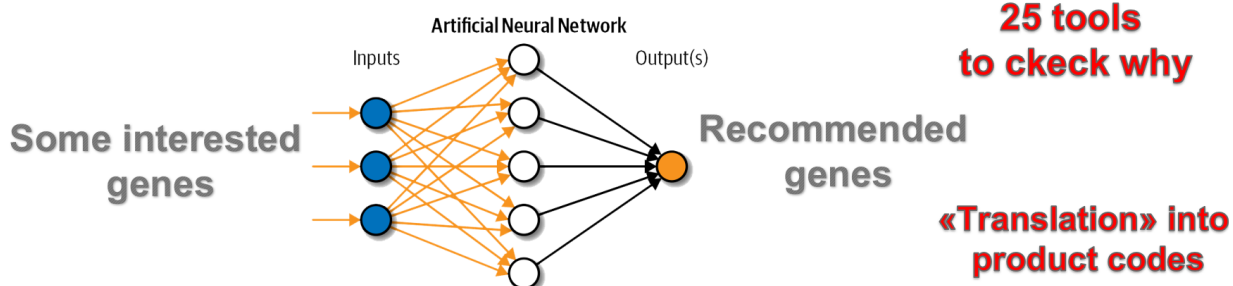
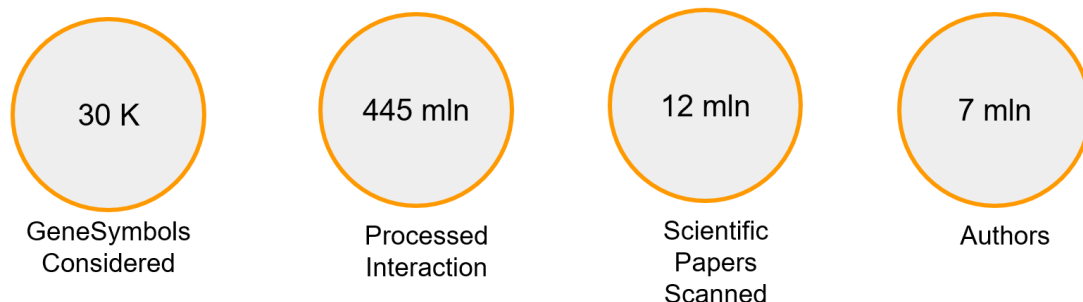
This platform harnesses the power of advanced generative neural networks, developed by TheProphetAi, to analyse millions of scientific papers. Its primary function is to extract crucial information regarding diseases and genes, synthesizing this wealth of knowledge into actionable recommendations.

What sets GeneRecommender apart is its unique blend of data-driven insights and creative problem-solving capabilities. By leveraging the platform's sophisticated algorithms, researchers can explore potential gene interactions within various biological pathways. The system is not only capable of identifying and mapping existing gene-pathway relationships but also possesses the creative ingenuity to hypothesize new gene insertions or deletions within these pathways. After this, we need humans!

Imagine a scenario where GeneRecommender is tasked with reconstructing a biological pathway. The platform can meticulously evaluate which genes are integral to the pathway's function, suggest which ones might be redundant or irrelevant, and propose novel candidates for inclusion. This process is guided by a comprehensive analysis of human studies, combined with a touch of computational creativity, to predict the most likely candidates for pathway modification.

GeneRecommender stands as a testament to the fusion of artificial intelligence and biological research, offering a forward-thinking approach to understanding complex genetic interactions and their implications in health and disease. Its commitment to supporting non-profit research endeavours underscores its role as an asset in the pursuit of scientific discovery and innovation.

TheProphetAI



Generecommender is free for no-profit research platform; it is also possible to sponsor it in your country and having all your products linked to the final gene recommendations,

Biorecommender - Efficiency, ROI, and Cost Savings, All in One.

Deep-Search section inside

The last tools we integrate is a powerful search inside the scientific knowledge (>350 million papers, authors, concepts, genes).

In this section it is possible to set filters to search the right target, appreciated for example for hardware and technique used in a set of papers.

With Deep-Search, you can now set precise filters on over 350 million scientific papers to pinpoint your perfect target audience. Tailor your search with filters like:

- Date range (from and to)
- Free text
- Main concepts
- Institutions (Universities or Big Pharma)
- Authors
- Countries

Immediate results (with excel exports) provide a wealth of actionable data:

- Genes used
- Diseases cited
- List of authors
- Chemicals cited

This significant upgrade not only enhances your ability to reach the right audience but also prepares the ground for our upcoming feature — advanced text analysis. Soon, you'll be able to perform deeper analyses on selected papers, making your marketing efforts more effective and driving more orders your way.

Who published with ILLUMINA last year, in University of Milano? Which diseases have been cited, which genes and chemical (small molecules)?

The screenshot displays the 'Deep Search' interface. On the left, there are filter options: 'INCLUDE Illumina', 'Italy', 'University of Milano', and 'FROM 2023-05-05'. The main area shows a list of search results with columns for date, author, title, and citation count. The results include:

- 2023-09-01: Elise Clagnon et al. Influence of feedback source on the development of polyhydroxyalkanoate-producing mixed microbial cultures in continuously stirred tank reactors. # Citations: 2
- 2023-08-01: Cristina Cambi et al. Biofilm colonization of stone materials from an Australian outdoor sculpture: Importance of geometry and exposure. # Citations: 2
- 2023-10-06: Sarah Zecchi et al. Microbial communities in paddy soils: differences in abundance and functionality between rhizosphere and pore water, the influence of different soil organic carbon, sulfate fertilization and cultivation time, and contribution to arsenic mobility and speciation. # Citations: 1
- 2023-06-01: Barbara Maltoni et al. Cross-Sectional Gene-Smoking Interaction Analysis in Relation to Subclinical Atherosclerosis-Results From the IMPROVE Study. # Citations: 2
- 2023-12-06: Uppala Rishabhakrishna et al. Hidradenitis suppurativa associated telomere-methylome dysregulations in blood. # Citations: 2
- 2024-01-24: Matteo Corbelli et al. Identification of a common haplotype in carriers of rob1L251 in 32 Italian cattle breeds. # Citations: 1
- 2023-06-01: Sine Vildard et al. Production of *Arthrospira platensis* BEA 005B: Biomass characterization and use as a colouring additive in macarons. # Citations: 1
- 2023-09-20: Arcadio Del Rio et al. A Whole-Genome Sequencing-Based Approach for the Characterization of *Klebsiella pneumoniae* Co-Producing KPC and OXA-48-like Carbapenemases Circulating in Sardinia, Italy. # Citations: 1
- 2023-06-26: Casey Hill et al. Patterns and determinants of the global herbivorous mycobiome. # Citations: 9
- 2023-09-25: Alessandra Cherubini et al. Interaction between estrogen receptor- α and PNP1A3 p.T146M variant drives fatty liver disease susceptibility in women. # Citations: 13

The game changer for bioreagent sales!

Visit <https://www.biorecommender.com>, subscribe for 3 days demo (no export active). You can easily understand how to profile a customer before visit or calling him, or how to prepare a marketing campaign to promote specific products (product must be biologically active, so having a gene or be related to a gene/pathway). You can also ask to have all your products inside the platform (Sku, name, gene, product-type) simply sending us the file.

If you need more information, please write you an email to: info@theprophet.ai

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