

ADVANCING YOUR BIOTECHNOLOGY RESEARCH IN



Covering a wide range of interdisciplinary material, Ovid NutriHealth includes a wealth of international biotechnology content, such as:

All aspects of biotechnology as relevant to the food industry

General articles, such as:

- Safety and regulatory control of genetically modified foods
- Consumer attitudes towards biotechnologically derived foods

Genetics, molecular biology, recombinant DNA technology and associated techniques

- Genetics of food grade organisms
- Protein and exopolysaccharide secretion pathways
- Gene cloning and expression, cloning vectors, transformation and cell immobilization

Enzyme systems

- Native or recombinant food-relevant enzymes, including enzyme immobilization, crystallization data and enzyme inhibitors
- Development of biosensors

Protein engineering

- Chemical or genetic modification e.g. site-directed mutagenesis
- Protein metabolic engineering

Production of food-relevant products using biotechnological processes (microbial fermentations, plant and tissue culture systems)

- Vitamins, flavour compounds, food-grade bacteriocins, biomass, amino acids and fatty acids, cultured meat

Bioremediation and valorization of food industry wastes

Fermentation technology

- Equipment - bioreactors/fermenters
- Online process control and monitoring of fermentation parameters, fermentation modelling
- Downstream processing techniques

SOURCE EXAMPLES

Biotechnology content is drawn from a wide variety of sources including journals, patents, books, reports and more. Here are just some of the many biotechnology focused journals included within Ovid NutriHealth, chosen to illustrate the diversity and breadth of content:

- Bioresource Technology
- Food and Fermentation Industries
- Applied Microbiology and Biotechnology
- Journal of Food Science and Biotechnology
- Bioprocess and Biosystems Engineering
- Enzyme and Microbial Technology
- Journal of Chemical Technology and Biotechnology
- Biocatalysis and Biotransformation
- Plant Biotechnology Journal

USING OVID NUTRIHEALTH FOR YOUR RESEARCH

Our in-depth sector-specific indexing makes it easier for you to find nutrition information you need, however niche the topic!

Ovid NutriHealth is built on IFIS' FSTA thesaurus - the most comprehensive food and nutrition thesaurus in the world. We index everything in depth, using unique, food-specific keywords, enabling you to search efficiently.

You can also be confident that your search is comprehensive. By filtering your results using the thesaurus, your results will include variations, plurals and synonyms for that term.

For example, using the filter for **Flavour** will include results featuring **flavour, flavor, flavours**, and results in over 40 languages. It will also include synonyms like **taste, tastes** and **tasting**. A single search in Ovid NutriHealth pulls all these highly relevant results together for you. This is the power of indexing.

Example filters when searching for Fermentation Products

- > Fermentation Products
 - > Bioconversions
 - Biotransformations
 - > Biomass
 - > Microbial Biomass
 - Bacterial Biomass
 - Yeast Biomass
 - > Mycoprotein
 - Quorn
 - Single Cell Proteins

OVID NUTRIHEALTH'S INTERDISCIPLINARY COVERAGE

This interdisciplinary database explores the intricate relationship between diet and health, covering research fields ranging from clinical nutrition, nutrition therapy, pharmacology and medical sciences to public health and policy.

It encompasses a wide array of topics such as the prevention and treatment of obesity, diabetes, metabolic disorders and other noncommunicable diseases (NCDs) alongside research on allergies, immunology, the microbiome, mental health, cognition, and more.



Get started on your journey to better research

See for yourself what a difference Ovid NutriHealth can make.
Visit www.ifis.org/nutrihealth for more information.

 **IFIS** food and health information

 **Wolters Kluwer**