

ADVANCING YOUR MICROBIOLOGY RESEARCH IN



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

All aspects of general and applied microbiology relating to food-relevant microorganisms, including bacteria, archaea, protozoa, microalgae, fungi and viruses

Food-grade microorganisms used in food manufacture and their applications

- Starters, yeasts used in breadmaking, brewing and winemaking
- Probiotic microorganisms
- Food fermentations and preservation

Microorganisms used in food biotechnology and their applications

- Production of food-relevant products (biopolymers, flavour compounds, bioactive compounds, nutrients, bacteriocins)
- Bioconversions
- Metabolic and protein engineering
- Fermentation technology and modelling
- Bioremediation of food wastes

Food microflora and commensals

Food-related pathogenic microorganisms

- Characteristics, including all aspects of virulence and pathogenicity (virulence genes and factors, infection and infectivity, colonization, adherence, motility, host invasion)
- Microbial toxins (including mycotoxins, enterotoxins, verotoxins, etc.)
- Antibiotics resistance
- Disease transmission

The human gastrointestinal microflora

- Modulation by dietary factors
- Impact on the bioavailability and health effects of food components

Microbiological aspects of public health

- Disease outbreaks and epidemiology
- Disease prevention and control
- Sterilization/disinfection/cleaning and hygiene in general
- Education
- Global public health policy

Microbiological techniques

- Selective media and sampling, including national and international standards
- Species identification
- Flow cytometry
- Genetic methods

Food spoilage organisms

- Characteristics and control
- Microbiological quality of foods and shelf life
- Antimicrobial activity testing of natural products

SOURCE EXAMPLES

Microbiology content is drawn from a wide variety of sources including journals, patents, books, reports and more.

Here are just some of the many microbiology focused journals included within Ovid NutriHealth, chosen to illustrate the diversity and breadth of content:

- Applied and Environmental Microbiology
- Critical Reviews in Microbiology
- International Journal of Food Microbiology
- Japanese Journal of Food Microbiology
- Journal of Industrial Microbiology & Biotechnology
- Systematic and Applied Microbiology
- World Mycotoxin Journal

USING OVID NUTRIHEALTH FOR YOUR RESEARCH

Our in-depth sector-specific indexing makes it easier for you to find the microbiology 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.

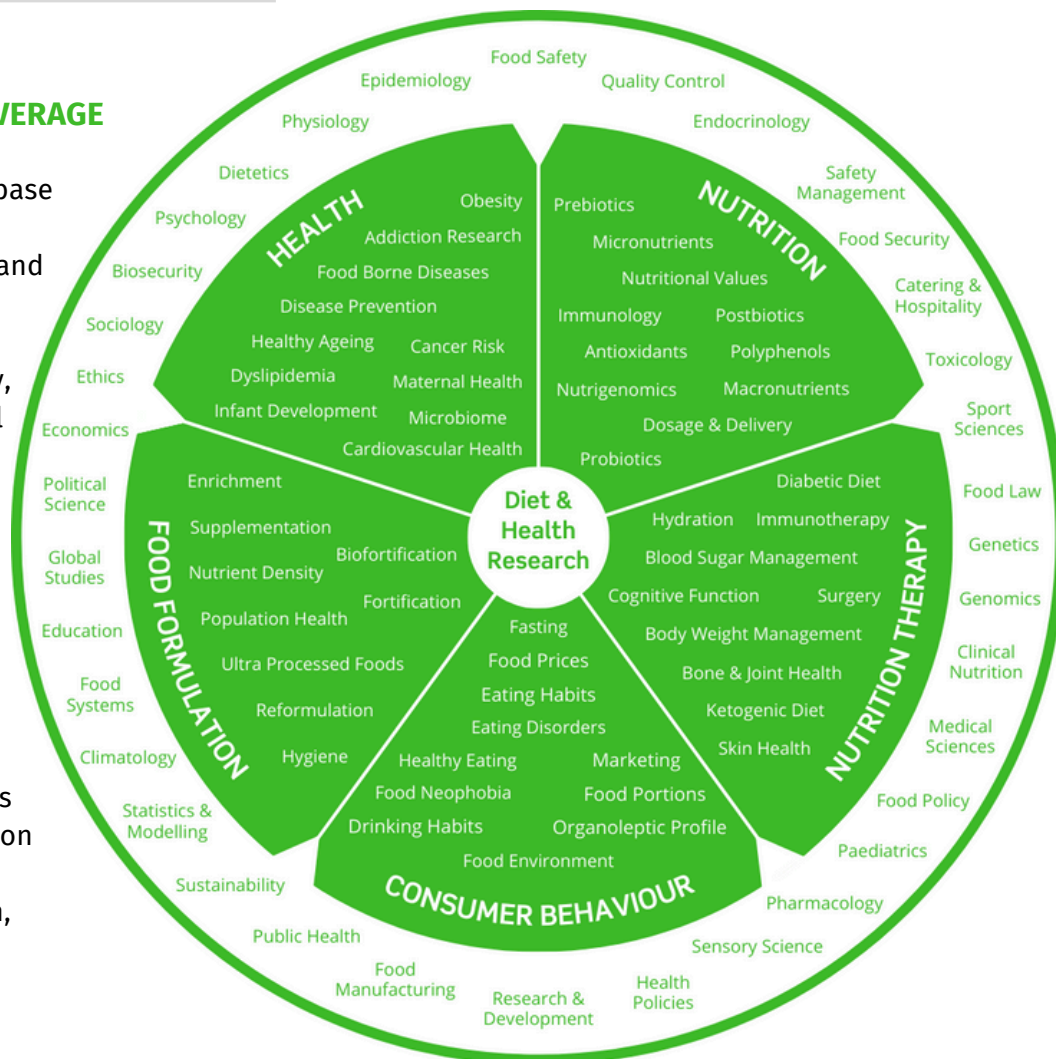
Example filters when searching for Bitter Acids

- > Alpha-acids
 - Humulones
- > Beta-acids
 - > Hulupones
 - > Lupulones
 - Colupulone
- > Iso-alpha-acids
 - Isohumulones
- Lupulin

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