

## Economic Importance Of Bacteria Wikipedia

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### Economic Importance Of Bacteria Wikipedia

Biotechnology involves the use of microorganisms including bacteria and fungi in the manufacturing and services industries. These include chemical manufacturing such as ethanol, acetone, organic acid, enzymes, and perfumes. Bacteria are important in the production of many dietary supplements and pharmaceuticals. For example, *Escherichia coli* is used for commercial preparation of riboflavin and ...

### Economic importance of bacteria - Wikipedia

Bacteria are economically important as these microorganisms are used by humans for many purposes and are harmful in causing disease and spoiling food. The beneficial uses of bacteria include the production of traditional foods such as yoghurt, cheese, and vinegar; biotechnology and genetic engineering, producing substances such as drugs and vitamins; agriculture; fibre retting; human and animal digestion; and biological control of pests.

### Economic importance of bacteria — Wikipedia Republished ...

Bacteria (/bækˈtɪəriə/ ()); common noun bacteria, singular bacterium) are a type of biological cell. They constitute a large domain of prokaryotic microorganisms. Typically a few micrometres in length, bacteria have a number of shapes, ranging from spheres to rods and spirals. Bacteria were among the first life forms to appear on Earth, and are present in most of its habitats.

### Bacteria - Wikipedia

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### Talk:Economic importance of bacteria - Wikipedia

Following is a brief account of the more important activities of the bacteria: 1. Role in Agriculture: (i) Decay and decomposition: Soil bacteria play an important role in bringing about decomposition of organic matter. They serve a double purpose. In the first instance they act as scavengers removing harmful waste from the earth.

### Economic Importance of Bacteria | Microbiology

The Actinobacteria are a phylum of Gram-positive bacteria. They can be terrestrial or aquatic. They are of great economic importance to humans

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because agriculture and forests depend on their contributions to soil systems. In soil they help to decompose the organic matter of dead organisms so the molecules can be taken up anew by plants. While this role is also played by fungi, Actinobacteria are much smaller and likely do not occupy the same ecological niche. In this role the colonies often grow

### **Actinobacteria - Wikipedia**

ECONOMIC IMPORTANCE OF BACTERIA Economic importance of any organism refers to the advantages and disadvantages of that organism to nature, the humans and the environment. Bacteria, a prokaryote and microscopic organism, have the following economic importance: 1.

### **ECONOMIC IMPORTANCE OF BACTERIA | Grade 11 Science Notes ...**

Taxonomy. The genus *Corynebacterium* was created by Lehmann and Neumann in 1896 as a taxonomic group to contain the bacterial rods responsible for causing diphtheria. The genus was defined based on morphological characteristics. Based on studies of 16S-rRNA, they have been grouped into the subdivision of gram-positive eubacteria with high G:C content, with close phylogenetic relationship to ...

### **Corynebacterium - Wikipedia**

They play an important role in medicine yielding antibiotics, in agriculture by maintaining the fertility of the soil and causing crop and fruit diseases, forming basis of many industries and as important means of food.

### **Economic Importance of Fungi | Botany**

A fungus (plural: fungi or funguses) is any member of the group of eukaryotic organisms that includes microorganisms such as yeasts and molds, as well as the more familiar mushrooms. These organisms are classified as a kingdom, which is separate from the other eukaryotic life kingdoms of plants and animals.. A characteristic that places fungi in a different kingdom from plants, bacteria, and ...

### **Fungus - Wikipedia**

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An important aspect of fungal lignin degradation is the activity of accessory enzymes to produce the H<sub>2</sub>O<sub>2</sub> required for the function of lignin peroxidase and other heme peroxidases. Lignin degradation by bacteria. Bacteria lack most of the enzymes employed in fungal lignin degradation, yet bacterial degradation can be quite extensive.

### **Lignin - Wikipedia**

The major Archaeal groups and their respective economical and industrial importance are: Methanogenic archaea- These are strict anaerobes whose major metabolic end product is methane. They have an essential role in producing reservoirs of natural gas, anaerobic corrosion of soft iron. Examples are *Methanobacterium*, *Methanococcus*

### **What are few economic importances of archaea? - Quora**

The economic importance of bacteria derives from the fact that bacteria can be deliberately exploited by humans in a number of beneficial ways. Despite the fact that some bacteria play harmful roles, such as causing disease and spoiling food, the economic importance of bacteria includes both their useful and harmful aspects.

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