

Summary

Yeast is a single-celled microorganism that is classified along with molds and mushrooms, as members of the Kingdom Fungi. Although yeasts are single-celled organisms, they possess a cellular organization similar to that of higher organisms, including humans. Yeast has long been considered to be the organism of choice for the production of alcoholic beverages, bread, and a large variety of industrial products.

Today yeasts are produced and used in all the six continents of the world and it is known that the single most produced micro-organisms in terms of weight. Yeast has been considered to be the organism of choice for the production of alcoholic beverages, bread, and a large variety of industrial products. This is mainly based up on that the metabolism of yeast can be manipulated using genetic techniques, easy and quick it can be grown to high cell yields (biomass), and the same biomass can be separated from products. Above all yeast is generally recognized as safe (GRAS).