

### What is Medicinal Fungi?

Medicinal fungi is a type of fungi that produces important medicinal substances or can be made to generate medicine using biotechnology.

Although many people ignore medicinal remedies, scientists have established evidence that by modifying diets to things centred around medicinal fungi, mushroom extracts, people worldwide have been able to recover from a fight cancer as well as increase immune systems promptness and strength and extend peaples life span.

### What is Coniul Versicolor?

This fungi is one of the most well known medicinal mushrooms world. It helps our bodies responses to drug and treatment. Turkey tail also known as "Coniul versicolor" and "Trametes versicolor" has been used for medicinal purposes in China for centuries. Research proves that this particular fungi increases immune boosters and tumor healing properties. A selection of research proves that it can improve the success of chemotherapy (cancer treatment) and decreases the after effects of radiok treatment.

## MEDICINAL FUNGI

NAME - Coniul Versicolor

AKA - Trametes Versicolor

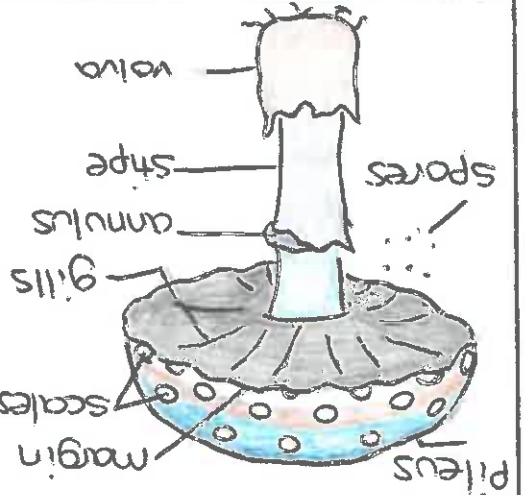
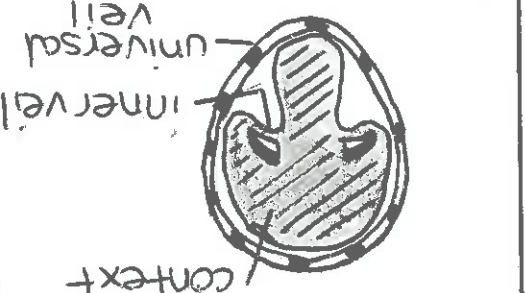
Or - Turkey Tail Mushroom

KINGDOM - fungus

SCIENTIFIC CLASSIFICATION - Trametes Versicolor

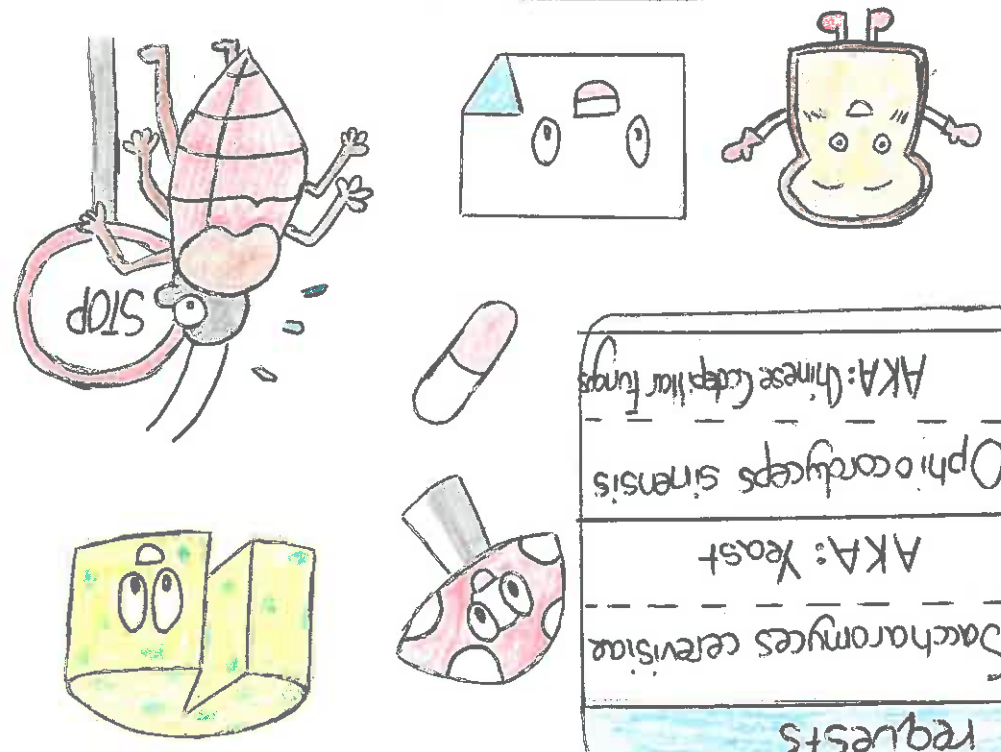
FAMILY - Polyporaceae

This mushroom / fungi is currently in a process of a £3.8 million study by the NIH. (begin in asia)

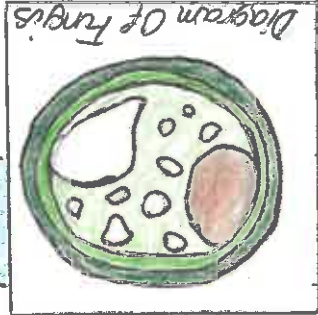


messages

Saccharomyces cerevisiae	AKA: Yeast
Ophiocordyceps sinensis	AKA: Chinese Cordyceps Fungus



**FACT** Mushrooms are the fruiting body of fungi. This makes all mushrooms fungi, but not all fungi mushrooms.



### Occupations

**Food** Fungi is fundamental as a food for humans. A variety of mushrooms are edible and different species are sold worldwide. Although it's only a small part of the food that we consume, fungi is also used to produce many foods and drinks. An example of these are bread, alcohol, yeast, breads, a portion of cakes and some soft products (such as Quorn™). Although many types of fungi are edible, some are fatal if they are consumed. Some that have names such as 'Death Cap' and 'Destroying Angel' hint a bad outcome.

### Pest Control

**YEAST** One of the most popular fungi used in food is *Saccharomyces cerevisiae* (Yeast). It's used to produce products such as bread, beer, wine, and vinegar. *insecticides* (such as *Ophiocordyceps sinensis*) are used to control pests. One pesticide *Saccharomyces cerevisiae* is used in food is *Ophiocordyceps sinensis* (Yeast). It's used to produce products such as bread, beer, wine, and vinegar. *insecticides* (such as *Ophiocordyceps sinensis*) are used to control pests.

### Medicine

Some medicine products made with fungi are *Penicillin*, *Griseofulvin* (an antibiotic), *Cephalosporin* and *Ergot*. *Ergot's* pressure is to quicken labour, lower high blood pressure, ease migraines and treat cancer. *Penicillin* is the most effective cholesterol lowering drug and also treats human bacterial infections. Also *Cyclosporin* stops the body from rejecting an organ during a transplant and is the most effective immunosuppressive medicine known.

### Decomposers

Fungi can be a decomposer as it breaks down corpses and plants. They're helpful for recycling as the number they release breaks down the dead organisms and they go back into the soil. They are also helpful to break down wood (enzymes) and turn it into paper.