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Studies on antifungal activity of two edible oyster mushrooms *Pleurotus florida* and *Pleurotus eous*

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The use of mushrooms as food is probably as old as civilization itself. Many species of medicinal mushrooms have been used in folk medicine for thousands of years. The use of medicinal mushrooms in folk medicine, is best documented in the East. International mushroom research continues today, with a focus on mushroom's that may have hypoglycemic activity, anti-cancer activity, anti-pathogenic activity, immune system enhancing activity, anti-bacterial and cholesterol lowering agents; additionally, they are important sources of bioactive compounds. As a result of these properties, some mushroom extracts are used to promote human health and are found as dietary supplements. In this topic, two mushroom extract in different concentrations for *in vitro* screening were

used and found to be antagonistic against three fungal pathogens. So, the compound responsible for the activity can be separated and identified to exploit in the drugs used for the infections caused by the organisms.

Speaker Biography

Remya Kakkot has completed her Master of Science in microbiology at the age of 22 years from Bharathiar University, Tamilnadu, India with distinction and currently residing at Vienna, Austria. She has done researches on the mushrooms and other foods that helps in the betterment towards human health. Her researches mainly focus on the area of food microbiology that involves the medicinal and effective value.

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