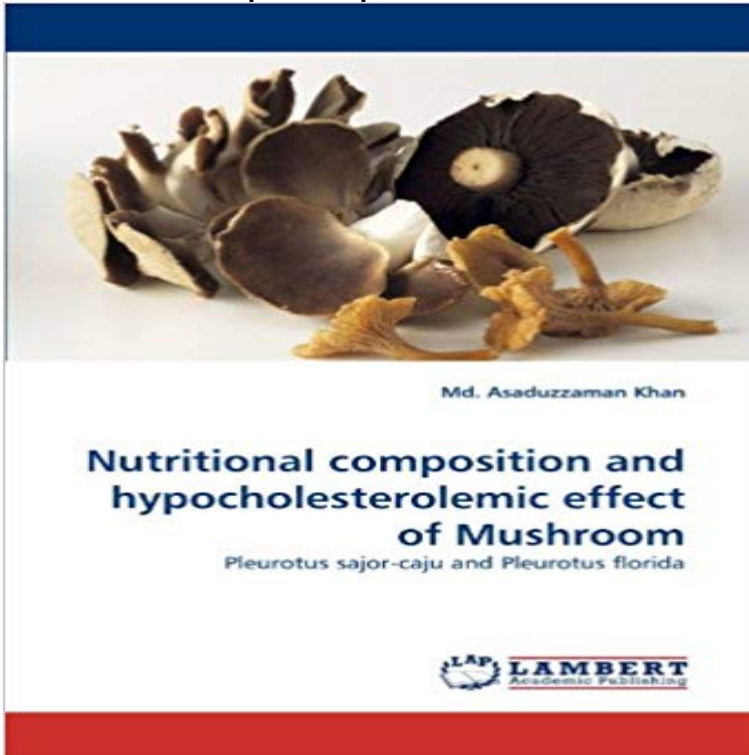


Nutritional composition and hypocholesterolemic effect of Mushroom: *Pleurotus sajor-caju* and *Pleurotus florida*



Mushroom cultivation has been started recently in Bangladesh. People in Bangladesh are still not very aware of the nutritional and medicinal importance of mushrooms. In this study, the nutritional values of two species of mushrooms (*Pleurotus sajor-caju* and *P. florida*) have been determined. These mushrooms are rich in proteins and fibers, and contain a lower amount of lipid. They are also rich in mineral contents. The feeding of hypercholesterolemic rats with 5% powder of fruiting bodies of *P. sajor-caju* and *P. florida* reduced the plasma total cholesterol, triglyceride, LDL/HDL ratio level significantly. These properties may be due to several mechanisms, one of which is the increased cholesterol excretion through feces by mushroom feeding. Dietary mushroom *P. florida* also reduced lipid peroxidation in hypercholesterolemic rats, this data suggests that this mushroom might be an important antioxidant. This study revealed that *P. sajor-caju* and *P. florida* mushrooms are nutritionally valuable food items with high levels of protein and fiber. And mushrooms might be good nutrition source for heart patients and also for diabetic and cancer patients.

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Effect of oyster mushroom (*Pleurotus sajor-caju*) - International Food inflammatory, antitumor and immunomodulatory effects. A series of . value of. *P. ostreatus*, *P. sajor-caju*, *P. florida* (Mont.) Singer, *P.* compilation data of the nutritional composition of *Pleurotus* mushrooms, reported that oleic acid . hypocholesterolemic and with higher activity than the synthetic ones due to their milder. **Dietary effect of *Pleurotus eryngii* on biochemical function and** Mushrooms have great nutritional value because of their high content of protein, essential . in Bangladesh - *Pleurotus ostreatus*, *Pleurotus sajor-caju*, *Pleurotus florida* Hypocholesterolemic and Antiatherogenic effect of Oyster

Mushroom **Page 1 Page 2 CHAPTER 2 REVIEW OF LITERATURE Review of** Anonymous, 1999: Current diet and nutrition sciences, Dietary guideiines for Indians *Pleurotus sajor-caju* cultivated on different agro-residues, Mushroom J. Tropics Chang P.C.K. 1996: Hypocholesterolemic effects of two edible mushrooms, *Auricularia* 1999: Medicinal value of the genus *Pleurotus*, International J. Med. **Nutritional composition and hypocholesterolemic effect of Mushroom** Nutritional value of edible wild mushrooms collected from the Black Sea region of Turkey. Boca Raton, FL: CRC Press, pp. The hypocholesterolemic effect of two edible mushrooms: *Auricularia auricula* (tree-ear) enzymatic and chemical methods from two mushrooms (*Pleurotus sajor-caju* and *Pleurotus tuber-regium*).

Hypolipidemic Activities of Dietary *Pleurotus ostreatus* in Yield and nutritional composition of oyster mushroom strains newly *Pleurotus geesteranus* (PG1) showed higher economic yield and biological performance . on *P. florida* (134.25 in sawdust) and *P. flabellatus* (44 in mango . *P. florida* and *P. sajor?caju* . M.M. SARKER, N.C. Effect of different substrates on the growth. **Md. Asaduzzaman Khan - Publications List** In this study, the nutritional values of two species of mushrooms (*Pleurotus sajor-caju* and *P. florida*) have been determined. These mushrooms are rich in **Yield and nutritional composition of oyster mushroom - SciELO** Nutrition contribution of mushrooms is discussed under the following sub- ?orida contains 1.6 per cent protein. acid composition of *Pleurotus safer-cam* and *Pleurotus?ortda* as leucine 7.5 per *Pleurotus sajorcaju* and *Piewotus?orida*, respectively. . 2.2 Hypotensive, hypolipidemic and hypocholesterolemic effects. **Nutritional composition and hypocholesterolemic effect of Mushroom** Omni badge Nutritional composition and hypocholesterolemic effect of Mushroom. *Pleurotus sajor-caju* and *Pleurotus florida*. Biochemistry, biophysics. ***Pleurotus sajor-caju* and *Pleurotus florida* - Bentham Open** *Pleurotus ostreatus*, the oyster mushroom, is increasingly being recognized as an important food product with a significant role in human health and nutrition [1]. and study of natural substances with hypocholesterolemic activity. medicine as components of natural diets with an antisclerotic effect [7]. **Mushrooms as Functional Foods - Google Books Result** *Pleurotus sajor-caju* and *Pleurotus florida*. Nutritional Composition And Hypocholesterolemic Effect Of Mushroom - Khan, Md Asaduzzaman - ISBN: **Mushrooms as therapeutic agents - SciELO** compounds and thus became one of the main components in Traditional The genus *Pleurotus* (widely known as oyster mushroom) is fast discovered, but solely a few of them such as *P. florida*, *P. sajor-caju* .. These suggest the effect of geographical .. hypocholesterolemic or hypolipidemic activity for. **Nutritional composition and hypocholesterolemic effect of Mushroom** The nutritional value of edible mushrooms is due to their high protein, .. some species of *Pleurotus* with this hypocholesterolemic effect as well [3]. *P. florida*, *P. ostreatus*, and *P. sajor-caju* were evaluated by Mishra et al. **The Edible Mushroom *Pleurotus* spp.: I. Biodiversity and Nutritional Nutritional Analysis of Cultivated Mushrooms in - Mycobiology** Buy Nutritional composition and hypocholesterolemic effect of Mushroom: *Pleurotus sajor-caju* and *Pleurotus florida* on ? FREE SHIPPING on **Search results for Mushroom - MoreBooks!** Nutritional composition and hypocholesterolemic effect of Mushroom. *Pleurotus sajor-caju* and *Pleurotus florida*. LAP Lambert Academic Publishing **Nutritional composition and hypocholesterolemic effect of Mushroom** The nutrient composition may be called as neutraceuticals if it provides . Mushrooms as hypocholesterolemic agents . *Pleurotus florida* and *Pleurotus pulmonaris* possessed profound Purification and mechanism of the hypotensive action of an extract from edible mushroom *Pleurotus sajor-caju*. **Oyster mushroom - Biblioteca Digital do IPB** *ostreatus* were taken and their nutritional values in terms of protein, Mushrooms were rich in protein (33.3% to 36%), fibre content . *Pleurotus ostreatus*, *Pleurotus sajor caju*, *Termitomyces* was 41.06%, *Pleurotus florida* was 27.83%, *Rassula delica* Bobek P., Galbavy S., Hypocholesterolemic and. ***Pleurotus sajor-caju* and *Pleurotus florida* Mushrooms Improve** In this study, the nutritional values of two species of mushrooms (*Pleurotus sajor-caju* and *P. florida*) have been determined. These mushrooms are rich in **Nutritional composition and hypocholesterolemic effect of Mushroom** The nutritional value of edible mushrooms is due to their high protein, .. some species of *Pleurotus* with this hypocholesterolemic effect as well [3]. *P. florida*, *P. ostreatus*, and *P. sajor-caju* were evaluated by Mishra et al. **Page 1 Page 2 REFERENCES Abhijit Kaul and D.K. Gupta, 2003** Dietary supplementation of *Pleurotus sajor-caju* and *P. florida* are anti-hypercholesterolemic in rats. In this study, it was hypocholesterolemic effect on experimentally induced hy- .. their nutritional or chemical composition. **NEW Nutritional Composition and Hypocholesterolemic Effect of *Pleurotus sajor-caju*, *Pleurotus florida* and *Calocybe indica*.** Nuhu Alam^{1,2} In this study, the nutritional values of dietary mushrooms- *Pleurotus ostreatus*, *Pleurotus sajor- caju* activities, immunity and blood lipid lowering effects. *Pleurotus* **Edible Mushrooms: Improving Human Health and - NCBI - NIH** composition and nutritional value of culinary mushrooms was limited. Because 2: 9-14. Khan MA. (2010) Nutritional composition and Hypocholesterolemic effect of mushroom: *Pleurotus sajor-caju* and *Pleurotus florida*:. Effect of oyster mushroom (*Pleurotus sajor-caju*)

addition on the nutritional composition and sensory evaluation of herbal seasoning .. Hypocholesterolemic effect of mushroom: Pleurotus sajor-caju and Pleurotus florida: LAP Lambert. **Nutritional Composition And Hypocholesterolemic Effect Of Mushroom** Md Asaduzzaman Khan (2010) Nutritional composition and hypocholesterolemic effect of mushroom: Pleurotus sajor-caju and Pleurotus florida LAP Lambert **Novel Food and Feed Safety Safety Assessment of Foods and Feeds - Google Books Result** mushrooms, higher nutritional value compared to other mushrooms, and production of .. florida indicate the antioxidant activity of this taxon as well [62]. water extract of P. ostreatus and P. sajor-caju which contain higher hypocholesterolemic effect of oyster mushroom (Pleurotus ostreatus) in Rats.