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**In this issue**

## Research Article

Open Access Research Article PTZAID:OJB-9-130

### Comparative Study of Various Culture Media for Selecting the Enhancement of Mycelial Proliferation of Pleurotus ostreatus

Published On: September 25, 2025 | Pages: 025 - 029

Author(s): Amita Gaurav Dimri*, Dushyant Singh, Sumant Kumar Nayak, Binu Bhat and Mukul Das

The cultivation of oyster mushroom (Pleurotus ostreatus) mycelium is a potential challenge in agro-biotechnological and food industries, due to the strain-selectivity, specificity, and productivity of growth pattern. The purpose of the study was to examine the effects of seven distinct culture media (PDA, WEA, CMA, CYGA, SDA, TSA, and PCA) on the mycelium growth of P. ...

Abstract View Full Article View DOI: 10.17352/ojb.000030

Open Access Research Article PTZAID:OJB-9-128

### Microbial Landscape of Ready-to-Eat Street Vended Food: Evaluation of Quality, Safety and Antimicrobial Resistance Pattern

Published On: January 31, 2025 | Pages: 001 - 013

Author(s): Dushyant Singh*, Amita Gaurav Dimri, Sumant Kumar Nayak, Binu Bhat and Mukul Das

There are several benefits provided by Ready-to-Eat (RTE) street vended foods, but data exists that pathogenic microorganisms may contaminate foods displayed for sale on the side of the road. However, there is a lack of data on the microbial characterization and antimicrobial resistance (AMR) trends of isolated pathogens from street food in Delhi. Considering Panipuri ...

Abstract View Full Article View DOI: 10.17352/ojb.000028

## Review Article

Open Access Review Article PTZAID:OJB-9-129

# Biofilm Maturation and Resistance Quorum Sensing Connection

Published On: September 09, 2025 | Pages: 014 - 024

Author(s): Umashree Bandi Srinivas, Yuvaraj Sivamani, Jwalamala Jain Suresh, Parth Agarval, Nirmal Preethi and Sumitha Elayaperumal*

Biofilm maturation is the stage in the biofilm lifecycle when bacterial cells in biofilm communicate with each other and grow. The development of biofilms is an essential survival strategy for numerous microbial species, encompassing a complicated, multi-stage process that begins with the initial attachment to a surface and progresses to the formation of a structured ...

Abstract View | Full Article View | DOI: 10.17352/ojb.000029