

In this issue

Research Article

[Open Access](#) [Research Article](#) PTZAID:OJB-5-120

Hericium erinaceus powder inhibits the growth of Porphyromonas gingivalis

Published On: July 17, 2021 | Pages: 017 - 020

Author(s): Hirono Ichikawa, Junya Kawai and Koichiro Mori*

Disruption of the oral microbiota may contribute to the pathogenesis of oral diseases such as gingivitis. It is desired to explorer for a natural material that is safe for the body and specifically suppresses the growth of periodontopathic bacteria. Hericium erinaceus, which is consumed as food or used as a herbal medicine in East Asia, has been previously reported to ...

[Abstract View](#) | [Full Article View](#) | [DOI: 10.17352/ojb.000020](#)

[Open Access](#) [Research Article](#) PTZAID:OJB-5-119

Application of diophantine equations for practical problems solution in biology

Published On: May 26, 2021 | Pages: 013 - 016

Author(s): Sergey P Klykov*

An attempt was made to use the Diophantine equations for the analysis of S-shaped curves of the growth of microorganisms. The most famous of such equations are the equation of the Pythagorean Theorem and the equation of Fermat's Last Theorem, FLT. The article does not claim to prove FLT, but it shows interesting facts for biological objects - there are cells of microo ...

[Abstract View](#) | [Full Article View](#) | [DOI: 10.17352/ojb.000019](#)

[Open Access](#) [Research Article](#) PTZAID:OJB-5-117

The sigmoidostomy as a determining factor in the change of cutaneous bacterial colonization

Published On: January 08, 2021 | Pages: 001 - 004

Author(s): Valdemir José Alegre Salles*, Gustavo Simões de Araújo Alegre Salles, Isabela Simões de Araújo Alegre Salles, Julia Nicioli and Juliana Almeida Lopes

Aims: Identifying the alterations occurred in the bacteriology of the dermic layer of the abdominal wall in patients who underwent a colostomy, through the qualitative and quantitative determination of the pericostomic colonization.

Methods: 19 cases have been carried out in the sigmoid colon. As for the age range, we have observed that the average age was 52 year ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/ojb.000017

Mini Review

[Open Access](#) | [Mini Review](#) | PTZAID:OJB-5-118

Biologically active peptides from marine proteobacteria: Discussion article

Published On: February 05, 2021 | Pages: 005 - 012

Author(s): Komal Anjum*

Marine bioactive peptides are deliberated as an abundant source of natural products that may give long-hual fitness, in comparison to other resources. Numerous literature concerning bioactive peptides from marine proteobacteria has been summarized, which shows the possiblensess of therapeutic efficacy comprehensive wide spectra of bioactivities against many infectious ...

[Abstract View](#) | [Full Article View](#) | DOI: 10.17352/ojb.000018