

In this issue

Research Article

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[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 ...

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[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 ...

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[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 ...

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Mini Review

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[Biologically active peptides from marine proteobacteria: Discussion article](#)

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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 possibleness of therapeutic efficacy comprehensive wide spectra of bioactivities against many infectious ...

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