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In this issue

Research Article

Open Access Research Article PTZAID:ASB-3-108

Blood and aqueous humor tumstatin concentrations associated with diabetic retinopathy

Published On: April 25, 2020 | Pages: 025 - 028

Author(s): Oruc Y and Aydin S*

Aim: Diabetic Retinopathy (DR) is the most common microvascular complication of Diabetes Mellitus (DM). This study was carried out to determine blood and aqueous humor tumstatin level in patients (DM + cataract, in patients (DR+cataract), and patients only having cataract. Methods: Blood and aqueous humor were collected from patients. Tumstatin measurement is perfor ...

Abstract View Full Article View DOI: 10.17352/asb.000008

Open Access Research Article PTZAID:ASB-3-106

The investigation of dominated anaerobic bacteria throughout degradation of a raw antibiotic Industry wastewater

Published On: April 06, 2020 | Pages: 015 - 022

Author(s): Delia T Sponza* and Nefise Erdincmer

In recent years, it was found that the COD and antibiotics in the antibiotic industry wastewaters can not be effectively removed with conventional biological treatment processes [1]. The experiences performed with advanced treatment processes (Hydrogen peroxide and fentone) showed low antibiotic yields and high cost [2-5] showed that tetracyline antibiotic concentrati ...

Abstract View Full Article View DOI: 10.17352/asb.000006

Review Article

Open Access Review Article PTZAID:ASB-3-105

The role of toll like receptor 9 in maintaining gut homeostasis

Published On: March 28, 2020 | Pages: 010 - 014

Author(s): Matthew G Varga and Henry C Lin*

Toll-Like Receptor 9 (TLR9) is a unique pattern recognition receptor due to its ability to induce either pro- or anti-inflammatory cascades. However, much remains to be elucidated regarding this receptor, such as its localization in different cell and tissue types, the potential epitopes that induce signaling, and how activation of the receptor may result in diverging ...

Abstract View | Full Article View | DOI: 10.17352/asb.000005

Open Access Review Article PTZAID:ASB-3-104

Defensive strategies of ROS in Programmed Cell Death associated with hypertensive response in plant pathogenesis

Published On: March 16, 2020 | Pages: 001 - 009

Author(s): Nivedita Dey, Utpal Krishna Roy, Manashi Aditya and Soumen Bhattacharjee*

One of the important initial events upon recognition of a plant pathogen is the changes in the redox status of the infected cells due to the accumulation of Reactive Oxygen Species (ROS). Though plants have evolved an array of defensive strategies to resist stresses, including those from attack by pathogens, but the changed redox cue of the infected cells are often ex ...

Abstract View | Full Article View | DOI: 10.17352/asb.000004

Short Communication

Open Access Short Communication PTZAID:ASB-3-107

Un-digitize sleep if you don’t want nightmares

Published On: April 18, 2020 | Pages: 023 - 024

Author(s): Mihai Nadin*

For the maintenance of machines and other mechanical devices, the more you can measure, the better. For the maintenance of life, meaningful data is essential. This understanding is not yet integrated in the views and practices of medicine. Digitizing the way to better sleep health [1], is a worrisome example. ...

Abstract View Full Article View DOI: 10.17352/asb.000007

Mini Review

Open Access Mini Review PTZAID:ASB-3-109

SARS-Cov-2 Systems Biology

Published On: September 11, 2020 | Pages: 029 - 032

Author(s): José Díaz*

The aim of this mini review is to analysis the advances in the research of the SARS-CoV-2 molecular structure and pathogenesis from a systems biology approach. Introduction: Experimental analysis of the interaction of viral and host proteins, or interactome, by Gordon and collaborators has been a fundamental contribution to understand the form in which SARS-CoV-2 vir ...

Abstract View Full Article View DOI: 10.17352/asb.000009