2022 | Volume Volume - 7 - Issue Issue - 1

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Research Article

Open Access Research Article PTZAID:IJPSDR-7-135

Analysis of the mechanism underlying the effects of cyclophosphamide against triple-negative breast cancer by an integrative bioinformatics approach

Published On: December 24, 2021 | Pages: 006 - 015

Author(s): Maojing Wang, Wenwen Li, Ding Li and Zhiwu Han*

Patients with Triple-Negative Breast Cancer (TNBC), a highly heterogeneous and invasive subtype of breast cancer, do not benefit from hormonal therapy or trastuzumab; therefore, chemotherapy is considered the only option. We explored the effect of the chemotherapeutic drug cyclophosphamide (Cytoxan; Cy) on TNBC by an integrated bioinformatics approach. Methods: Pharm ...

Abstract View Full Article View DOI: 10.17352/ijpsdr.000035

Short Communication

Open Access Short Communication PTZAID:IJPSDR-7-134

The use of pentoxifylline in male reproduction abnormalities

Published On: August 10, 2021 | Pages: 003 - 005

Author(s): Aamir Jalal Al-Mosawi*

Pentoxifylline a derivative of methylxanthine and nonspecific inhibitor of the phosphodiesterase with vasodilatory properties and rheological properties on blood that made it useful in the treatment of intermittent claudication.

Pentoxifylline also has an immunomodulatory effect which inhibits inflammatory cytokines including tumor necrosis factoralpha. The aim of th ...

Abstract View Full Article View DOI: 10.17352/ijpsdr.000034

Opinion

Open Access Opinion PTZAID:IJPSDR-7-133

Is it possible to perform molecular hybridization between acetaminophen and nitric oxide donor molecule?

Published On: March 09, 2021 | Pages: 001 - 002

Author(s): João Gabriel Gouvêa-Silva, Leonardo Ribeiro Bernardo, Ygor Jessé Ramos* and Antônio José Calixto de Souza Paracetamol (Acetaminophen) belongs to the class of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs), having an analgesic, antipyretic and mild anti-inflammatory action due to a weak inhibitory action on cyclooxygenase isoenzymes, COX-1 and COX-2. These isoenzymes are responsible for the synthesis of prostanoids that have several physiological effects, such as: vasodila ...

Abstract View Full Article View DOI: 10.17352/ijpsdr.000033