

Research Article

Published Date: 11/15/2017

[Pros and Cons Controversy on Molecular Imaging and Dynamics of Double- Standard DNA/RNA of Human Preserving Stem Cells-Binding Nano Molecules with Androgens/Anabolic Steroids \(AAS\) or Testosterone Derivatives through Tracking of Helium-4 Nucleus \(Alpha Particle\) Using Synchrotron Radiation](#)

In the current study, we have investigated pros and cons controversy on molecular imaging and dynamics of double-standard DNA/RNA of human preserving stem cells-binding Nano molecules with Androgens/Anabolic Steroids (AAS) or Testosterone derivatives through tracking of Helium-4 nucleus (Alpha pa...

Research Article

Published Date: 08/31/2017

[Nutritional Value of Three Different Oyster Mushrooms Grown on Cattail Weed Substrate](#)

Three distinct oyster mushroom strains including *Pleurotus florida* (PF), *Pleurotus eous* (PE) and *Pleurotus sajor-caju* (PS) were successfully cultivated on cattail weed substrate. A comparative analysis of different parameters viz., biological efficiency (BE) and protein, carbohydrate, crude fiber...

Review Article

Published Date: 07/17/2017

[Is advanced Coupling Methods best fitted in Biosensing of Microparticles?](#)

Microparticles (MPs) are considered important diagnostic biological markers in many diseases with promising predictive value. There are several methods that currently used for the detection of number and characterization of structure and features of MPs. Therefore, the MP detection methods have b...

Review Article

Published Date: 06/28/2017

[Concise Review: Considerations for the Formulation, Delivery and Administration Routes of Biopharmaceuticals](#)

<h2>Abstract</h2>

<p>The drugs of biological origins have attracted the attention of many pharmaceutical companies where it is essential to protect the heterogeneous nature and the optimal three dimensional structures of the different macromolecules. These molecules are used in ...</p>

Review Article

Published Date: 05/01/2017

[The Bacterial Heterotrimeric Amidotransferase GatCAB: functions, structures and mechanism-based inhibitors](#)

<h2>Abstract</h2>

<p>tRNA-dependent amidotransferases (AdT) are essential enzymes for protein biosynthesis in many bacteria and in all archaea. As AdT is essential for a number of pathogenic bacteria, and it is absent from mammalian cytoplasm, it is considered as a putative targ...

Letter to the Editor

Published Date: 05/01/2017

[The Daring of Biosimilars](#)

<h2>Letter to Editor</h2>

<p>The so-called “biotechnological revolution” is changing the structure of the Pharmacopoeia [1]. The space of biological products, previously limited to blood products and vaccines, grew from the introduction of first recombinant t...

Review Article

Published Date: 04/25/2017

[Overview of Interferon: Characteristics, signaling and anticancer effect](#)

<h2>Abstract</h2>

<p>Interferons are multifunctional cytokines widely used in clinical settings as an anti-viral drug. In addition, interferon’s exhibit anti-cancer and anti-bacterial effects. Nearly two thousand papers related to interferon are published each year, wh...