

In this issue

Research Article

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Physicochemical characterization and biological activity of polysaccharides from the seeds of the turnip brassica rapa

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Analysis of the monosaccharide composition showed that the composition of the neutral polysaccharide BSP-1-1 is represented by monosaccharides in the following composition: ribose – 5.05%, arabinose – 56.38%, mannose – 5.87%, glucose – 8.63% and galactose – 24.05%. The composition of the anionic polysaccharide BSP-2-1 is represented by monosaccharides: ribose – 6.35%, ...

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Review Article

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Review on pharmacological therapies for management of gestational diabetes

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Author(s): Shabnam Akram*, Safia Bibi

The prevalence of Gestational Diabetes Mellitus (GDM) is increasing and is closely linked to numerous negative pregnancy outcomes. To mitigate these risks, early identification and management of GDM is critical. Treatment for GDM aims to maintain normal blood sugar levels and typically includes glucose monitoring, adjustments to diet, lifestyle changes, moderate physi ...

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BAT's specific Micro-RNA or Novel approach for treatment of obesity: A hypothesis

Published On: February 18, 2023 | Pages: 001 - 005

Author(s): Arefhosseini Seyed Rafie*, Farsad Laiegh Amirali, Jazar Hassan and Alijani Sepideh

Background: Type 2 Diabetes (T2D) is associated with coronary microvascular dysfunction, which is thought to contribute to compromised diastolic function, ultimately culminating in heart failure with preserved ejection fraction (HFpEF). The molecular mechanisms remain incompletely understood, and no early diagnostics are available. We sought to gain insight into bioma ...

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Case Report

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Dasatinib-Induced Colitis: Risk of misdiagnosis of inflammatory bowel disease. A case report and review of the literature

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Author(s): Graziana Arborea*, Anna Maria Valentini, Stefania Marangi, Nicoletta Labarile LT and Maria Teresa Savino

Dasatinib is a potent tyrosine kinase inhibitor, in disease states associated with BCR/ABL 1, approved in 2006 for chronic myeloid leukemia treatment. This agent has been shown to exhibit broad off-target kinase inhibition and immunomodulating properties. These effects may be responsible for common adverse reactions (> 15%) which include immunosuppression, cytopenias, ...

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Mini Review

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Visualization of the obscure inhalation stage in inhalation therapy

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Author(s): Hiroyuki Ohbayashi*

The flow of the inhalation procedure during inhalation therapy can be divided into three successive stages: a pre-inhalation preparatory stage, a drug inhalation stage, and a post-inhalation stage. Among these, the second stage, drug inhalation, is the most important and obscure. Using ambiguous verbal expression, the drug inhalation method is communicated to the pati ...

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