

Advancement in Diagnosis May Pave Way for Drug Discovery

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Editor Note

Biology and Medicine journal offers the best platform to publish innovative ideas and researches in biomedical sciences along with clinical aspects. We are glad to announce the release of the Volume 8, Issue 4 of our journal.

The present issue comprises 15 peer reviewed and original manuscripts as research articles, case reports and review articles. It represents issues and perspectives on medical research across diverse geographical areas, including India, Iran, Italy, Saudi Arabia, USA, Iraq, Japan, Brazil, Russia, Ukraine and Kazakhstan.

Editorial remarks by Shrivastava SR., observed that physical inactivity has emerged as an important determinant in the global rise of diabetes. As it is a modifiable risk factor, the author has advocated for targeted measures to improve the level of physical activity among masses to reduce the prevalence of diabetes.

Authors Khojasteh SMB, et al., review issues in using medicinal plants for improving spermatogenesis. 40% of the infertility cases are accounted by male factor, which includes azoospermia and oligospermia. In view of this, the article summarizes the available data on spermatogenesis using medicinal plant extracts.

Iranian author Azimi A., explored the application of pentoxifylline in the treatment of Hashimoto Thyroiditis. It is an autoimmune disease that was most prevalent in developing countries. The findings of this study reveal that pentoxifylline suppresses cell mediated immune response against thyroid by the destruction of thyrocytes.

Italian researcher Mazzeo F, et al., retrospect an exploratory study on the dietary supplements for athletes particularly boxers in view of the Rio Olympic 2016. The study collects data exclusively from the male athletes and concludes that boxers consume supplements to improve their performance. The study focuses on the implications of these supplements on athlete's health and performance.

Qattan I, et al., aimed to study the significance of MERS-CoV statistical analysis and also its epidemiology. The report envisages that the virus has been detected in Arabian Peninsula, Britain, Germany, France, Italy and Middle East. However, projecting the Hajj season as root cause in triggering the transmission of MERS-CoV remains controversial in Saudi Arabia.

A case report by Nezami MA, et al., suggests a potential role of tamoxifen in the preventing breast cancer and urges investigators to pursue the work. In view of the absence of established guidelines

applicable to the use of anti-estrogen receptor drugs for prevention in the clinical setting, this case study suggests an independent or synergistic method of epigenetic therapies combined with hormonal

blockade, could able to treat non-operable Stage IV breast cancer, and down stage the patient successfully to treat the local disease.

Japanese investigator Ota Y, et al., aimed to study the oncological behavior of colorectal cancer (CRC) with Diabetes mellitus (DM). The findings state that overall survival was worse among CRC patient's along with DM and often died due to the reasons other than CRC. Thus, DM did not affect cancer-specific survival as a whole.

Alvarenga GM, et al., meticulously presented a review article on the mechanisms and molecular characterization of the thyroid disorders.

A policy maker Kalmikov et al., from Russian federation reported concerns regarding the health-care system in Russian Federation by analyzing potential key health-care issues in the context of external challenges by 2020.

Todurov, et al., Krasnikov, et al., Turgenbayev, et al., and Kulikova, et al., have also reported their investigations on the current challenges of the health care settings.

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