

BLOOD CELLS MAIN TARGETS OF COROAVIRUS COVID 19 INFECTIONS

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Abstract

Precision medicine is an innovative approach that takes into account the individual variability in people's genes, environmental exposures and lifestyle. Precision medicine contradicts the traditional "one-size-fits-all" approach in which treatments and prevention strategies of a particular disease reflect the average person without taking into account the individual variability. Omic sciences offer the opportunity to generate these more precise individual data that can guide the prevention, risk assessment, and treatment strategies of diseases. A comprehensive literature search was conducted in the period from October 2017 to January to collect and research articles that contain information about the opportunities and challenges of implementing precision medicine in the treatment of neurological diseases, more specifically Alzheimer's. PubMed is the database that was used to collect such information. There were 76 article hits, of which 18 were included in this review. Inclusion criteria were: full-text, English written, and published in the last 10 years. Articles that are not focused on Alzheimer disease, or genetics, or precision medicine were excluded from this review. Further, the opportunities and challenges for the implementation of precision medicine for the treatment of Alzheimer disease were investigated. Alzheimer's disease and neurological disorders in general, are still among the most poorly served fields with new therapies. Implementing precision medicine in Alzheimer disease and in neurology can accelerate the translation of genetic discoveries, and other personal information - such as epigenetic, proteomic, other omics, lifestyle and environmental exposures - into clinical practice and therefore provide targeted therapeutic intervention for Alzheimer disease.

Biography:

Now I am serving as a Dean of Faculty of Medical and Health Sciences at ECT. I had an overall academic strategic responsibility for establishing many health and medical institutes in Middle East countries. I have possessed a strong teaching background. I have also extensive experience as a researcher in pharmacology, biochemistry, toxicology and clinical pharmacology through the supervision of students and junior pharmacists & other medical-related sciences and researchers

References :

- Evaluation of antihistaminic activity of piper betel leaf in guinea pig.
- Indian Women, Trauma and Hydroxyl Drugs Dependency: Connections and Disconnections in Heart Disease for Women
- An Attempt to Eradicate Alcohol Dependency from Adult Men in Service Privately Managed Pharmaceutical in India.
- A1 Milk Needle in a Haystack
- Novel BCL2 inhibitor, Disarib induces apoptosis by disruption of BCL2-BAK interaction

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