

DOI: doi.org/10.55627/mmc.001.01.0015**Editorial****Welcome to Molecular Medicine Communications!****Sagheer Ahmed**

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Welcome to the inaugural issue of Molecular Medicine Communications—a biannual, open access, and peer-reviewed journal aiming to publish high quality research articles in the field of basic & clinical molecular medicine. The molecular medicine perspective emphasizes cellular and molecular phenomena and interventions rather than the previous conceptual and observational focus on patients and their organs.

Molecular Medicine Communications will publish studies investigating the cellular and molecular aspects of medicine, especially related to pharmacology, pathology, genetics, neurosciences, infectious diseases, and molecular medicine in general. Animal studies investigating molecular mechanisms of disease diagnosis, pathogenesis, and treatment, as well as investigational new compounds using *in vitro*, *in vivo*, and *in silico* tools for mechanistic insights are also welcomed.

One aspect of molecular medicine which this journal will have primary focus on, is precision medicine. Advances in precision medicine have already led to powerful new discoveries and several new treatments that are tailored to specific characteristics, such as a person's genetic makeup, or the genetic profile of an individual's tumor. This is helping transform the way we can treat diseases such as cancer: Patients with breast, lung, and colorectal cancers, as well as melanomas and leukemias, for instance, routinely undergo molecular testing as part of patient care, enabling

physicians to select treatments that improve chances of survival and reduce exposure to adverse effects.

In the last two decades, rapid advances in technology have enabled researchers to investigate arcane biological phenomena and ask deeper questions at cellular, molecular and atomic levels. Several cellular processes involved in health and disease are being unraveled at a rapid pace, high resolution, and with unprecedented details. Authors carrying out investigations leveraging these technologies such as next genome sequencing, CRISPR-Cas9, digital medicine, 3-D printing, bioinformatics, and stem cell technologies, are encouraged to submit their findings to Molecular Medicine Communications.

The purpose of this journal is to provide a platform to the scientific fraternity, especially to the regional and national academics, where they could get their studies published after a rapid, transparent and high-quality peer-review. All the articles published in Molecular Medicine Communications will be freely available to readers immediately after their publication. Open access policy of our journal is likely to increase the readership of articles and will enhance their visibility and citation potential. Therefore, I invite you to submit your work to Molecular Medicine Communications.

Professor Dr. Sagheer Ahmed

*Editor –In-Chief***Molecular Medicine Communications**