



From the Editor: Cellular and Molecular Biology

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Editorial Note

Cellular processes and sub-cellular and molecular mechanisms are highly intricate and need in-depth and well coordinated research for better and precise understanding. Almost any of the biological or human disorder and disease can be traced back to the alteration in the cellular functions. Therefore, a common global platform where the researchers can communicate, share and exchange their individual explorations becomes highly relevant. The journal of Cellular and Molecular Biology exactly fulfills this requirement by garnering and dissemination of latest research and development activities in the field of cytology.

Cellular and Molecular Biology has been publishing peer-reviewed articles reporting exploration of fundamental concepts of cell structure, cell functioning, sub-cellular components, molecular configurations and function, cell organelles, biosynthesis, energy metabolism, physiological pathways as well as regulatory mechanisms including gene expression, transcripts and enzyme activities. Specifically, the journal offers widest possible coverage that include biological membranes, cytoskeleton, organelles, cell adhesion, gene expression and regulation, proteomics, cellular transport and signaling, cell cycle and apoptosis and abnormal cell growth.

The journal focuses on experimental approach and research methods and promotes publication of evidence based research on cytological principles. The journal solicits studies that report new and emerging technologies, techniques, in the characterization of cellular structure, functions and interactive mechanisms having biological, biomedical and clinical relevance or applications.

The journal has been consistently releasing three issues per year at a regular frequency with an average of 3 to 4 articles per issue and is immense giving priority to research and reviews. Established in the year 2007, the journal has wide author and reviewer base with rapid peer-review system and the published articles are indexed in International indexing databases such as Sherpa Romeo, Genamics JournalSeek, RefSeek, Hamdard University, EBSCO A-Z and Proquest Summons. Recently, the journal has published research articles exploring date palm genotype, characterization of their genetic diversity based on ISSR markers; Cardiotoxicity in relation to carnitine and local anesthetics; Metal–Organic Framework, Co(II)-Complex and their role in inflammation of Glomerular cells and associated molecular docking studies as well as on acute paralytic strabismus and miRNAs.

Keeping in view the prevailing COVID-19 pandemic, this year, the journal has formulated a special issue theme entitled “The role of siRNA and sub-cellular approaches in the treatment of different types of cancer and viral diseases”. We invite academicians and researchers to communicate their latest contributions for fast tracked and efficient editorial processing and publication prospects within this special issue. We also invite subject experts to render their professional services either as reviewer or as guest editor for this special issue. I express my thanks to all the authors, reviewers and editorial board members for their dedicated services towards timely publication of the quality scientific literature. I am looking forward for publication of scholarly knowledge being generated all across the world in this year’s forthcoming issues releases furthering our understanding of cell biology.

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