

Special Issue

Emerging Developments in Molecular Endocrinology and Metabolic Research

Message from the Guest Editor

The fields of endocrinology and metabolism are home to scientists and clinicians who commit themselves to dissecting and understanding the fundamental mechanisms of hormonal signaling and the regulation of complex endocrine networks in the body necessary for survival and optimal health. The range of endocrine disorders is wide and challenging to manage, with many conditions still not being fully understood and effective treatments still being deciphered. Advancements in science allow for novel, cutting-edge techniques to be developed and translated to the bedside, as seen in the historical leaps of genetic engineering which first cloned the human insulin gene in bacterial plasmids for large-scale insulin production. Gene knockouts, knock-ins and CRISPR-Cas 9 gene editing technologies interrogate disease processes with ever-increasing and finer precision and offer deep insights that can lead to new diagnostics and therapeutics strategies. This Issue is thus devoted to the exploration of exciting scientific discoveries and advances in the field of endocrine and metabolic physiology.

Guest Editor

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