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Genetics in Pediatric Endocrinology

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Message from the Guest Editors

With advances in molecular technology and newborn screening, many of these disorders can be identified prior to the onset of symptoms, allowing treatment to mitigate or prevent the onset of irreversible neurocognitive damage, disability, or even sudden death. With such advances, a need for blended learning of pediatric endocrinology with genetics and inherited disorders seems crucial. This issue will address numerous endocrine systems, their regulation in health at a genetic level, and the effects of errors of gene structure and/or regulation to lead to disordered endocrine function. Understanding of the genetic mechanisms of healthy development and function of endocrine cells, organs, and systems has advanced our knowledge of etiology, furthering the development of specific diagnostic and targeted therapeutic tools. This Special Issue of Endocrines welcomes comprehensive reviews highlighting the role of genetics in pediatric endocrinology.