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Novel Mechanisms of Gene Regulation in Cardiac Development and Congenital Heart Defects

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

While extensive research has focused on the key transcription regulators that are involved in the initiation and progression of cardiogenesis, the understanding of emerging gene regulatory mechanisms, such as epigenetic modifiers, noncoding RNA species, and regulatory elements, in cardiac development remains a goal, and how these mechanisms may contribute to congenital heart defects remains elusive. Research efforts focused on elucidating these regulatory mechanisms are necessary to advance the field and identify novel preventive and therapeutic approaches for infants with congenital heart defects.

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Dr. Marlin Touma
Guest Editor