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Advances in Development: Focus on Rare Congenital Diseases

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Message from the Guest Editors

This Special Issue will deal with genetic, molecular, cellular, and physiological aspects of rare congenital diseases.

While each rare disease, by definition, impacts only a few individuals, when considered together, rare diseases impact millions of individuals throughout the world. Dissemination of research results and reviews of current literature is critical to moving the field forward, improving patient care, and informing parents and family members. Topics such as molecular mechanisms of rare congenital diseases, molecular structure, and function of gene products implicated in rare diseases, cellular mechanisms, tissue, and organ level physiology of rare congenital diseases are included.

A common thread uniting the topics is the comparison between normal development and the pathophysiology experienced in rare congenital diseases, linking genetic changes to protein structure and function, cell physiology, symptoms, and patient care. Providing new knowledge will lead us to improved diagnostics, preventions to adverse disease symptoms, and therapeutic strategies for treatment to improve patient quality of life. Review or Research articles are all welcomed.

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Editor-in-Chief

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Message from the Editor-in-Chief

The *Journal of Developmental Biology* (*JDB*) publishes original research papers and timely reviews. Our primary aim is to provide a platform for the publication of studies on the development of multicellular organisms efficiently and professionally; papers undergo a fast, yet thorough, peer-review process. JDB is an open access journal and accepted contributions are published immediately online, providing unlimited access to the scientific community and general public. We look forward to receiving your contribution to our journal and to working with fellow researchers.

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