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Disorders of Cholesterol Homeostasis

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Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Cholesterol plays a key role in numerous cellular process and perturbations in synthesis, uptake, trafficking, and metabolism, resulting in a myriad of behavioral, developmental, endocrine, and neurodegenerative defects. Multiple genetic disorders have been identified, each caused by mutations in different enzymatic steps within the cholesterol synthesis pathway, while others have been identified in the trafficking of cholesterol such as NPC and Tangier disease. The associated disorders are often thought of as discrete disorders, with their own clinical signature and yet studies have begun to unravel hints of underlying mechanisms, such as reduced levels of cholesterol in multiple disorders resulting in changes to the morphogen and sonic in early developmental stages leading to the convergences of some clinical features



mdpi.com/si/74378

Special Issue



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Message from the Editor-in-Chief

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