Special Issue

Neurofibromatosis and Schwannomatosis: Diagnosis and Management

Message from the Guest Editors

Neurofibromatosis (NF) and Schwannomatosis (SWN) are complex genetic disorders that present a range of complications. Both conditions can lead to the development of multiple benign tumors along nerves, causing pain, neurological deficits, deformities, and an increased risk of malignant transformation. Additionally, neurofibromatosis type 1 (NF1)- and NF2-related Schwannomatosis are associated with an increased risk of developing intracranial and spinal tumors. Despite advances in research, the diagnosis and management of these conditions remain challenging. Common shortcomings include variability in clinical presentation, overlapping symptoms, limited treatment options, and a lack of comprehensive management guidelines. These shortcomings make it crucial to have comprehensive and multidisciplinary approaches to effectively diagnose and manage patients with these conditions and underscore the necessity for ongoing research and innovation in the field. We, therefore, invite you to contribute to this Special Issue. We particularly encourage submissions focusing on preclinical studies and the development of cutting-edge methodologies, including omics approaches.

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