Special Issue

Genetics and Genomics of Gliomas

Message from the Guest Editor

Glioma classification has undergone a substantial revolution over the last couple of decades, deemphasizing traditional light microscopy and emphasizing molecular alterations. At what point have we subtyped tumors too much, diminishing clinical utility? Can the healthcare enterprise, including third party payors, continue to cover ever increasing amounts of molecular testing? Why have new therapies targeting specific molecular alterations been so slow to develop, and why are so few of them truly effective? Are there entirely new techniques on the horizon that might completely upend the existing classification schemes such as long-read sequencing technologies, spatially resolved transcriptomics, proteomics or liquid biopsies? This Special Issue will cover all aspects of glioma genetics and genomics from bench to bedside including mechanisms of oncogenesis, prognostic and predictive biomarkers, and novel therapeutic approaches. In short, this Special Issue will give us insight into what we should expect to see in the sixth edition of the World Health Organization classification of central nervous system tumors.

Guest Editor

Dr. Lawrence J. Jennings

Department of Pathology, Feinberg School of Medicine, Northwestern University, Chicago, IL 60611, USA

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham, 1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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