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Study Designs and Quantitative Tools in Rare and Life-Threatening Brain Tumor

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Message from the Guest Editor

Dear Colleagues,

Glioblastoma is a rare, life-threatening, and highly difficult to cure disease. It has shown high failure in phase 3 glioblastoma trials, even though previous phase 2 trials showed promising efficacy. There may be a need for earlier studies to become more reliable and for the use of evidence-based quantitative tools to overcome the disconnection from phase 2 to phase 3 trials. This disconnection could be occurring for several reasons: design restriction of preclinical studies and differences between animals and human, traditional single-arm trials in phase 2 trials in GBM, and the surrogate of progression-free survival of phase 2 trials for overall survival in phase 3 trials. With the recent advancements in technology and programming languages, we are able to utilize these new technologies to develop novel study designs using quantitative tools.

Dr. Wonsuk Yoo

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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