

February 2, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format.

Title: Molecular pathogenesis of glioblastoma multiforme: Nuances, obstacles, and implications for treatment.

Authors: Siddharth K. Joshi, Nevena Lucic, Richard Zuniga

Name of Journal: *World Journal of Neurology*

ESPS Manuscript NO: 14356

The manuscript has been improved according to the suggestions of reviewers:

Revisions have been made according to the suggestions of the reviewer as follows:

1. The review has omitted sections on surgery and other aspects of the treatment of GBM that do not pertain to the molecular pathology of GBM.
2. Established mutations that play a role in the pathogenesis of GBM, e.g. PDGFRA, IDH1, EGFR, have been treated in detail in the review.
3. The gene expression based molecular classification system proposed for GBM has been discussed in detail, particularly in reference to the study by Verhak et al.
4. The molecular subtypes of GBM as proposed by the TCGA has been discussed.
5. The tables and figures have been amended as requested.
6. IDH1 and IDH2 mutations in GBM have been discussed in extensive detail.
7. Brain tumor stem cells have been discussed.

Thank you for taking these careful and meticulous revisions into your consideration of publishing this revised manuscript in the *World Journal of Neurology*.

Sincerely,



Siddharth Joshi, MD