Author's response to reviews

Title: CXCR7 is induced by hypoxia and mediates glioma cell migration towards SDF-1alpha

Authors:

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Author's response to reviews: see over
Dear Dr. Chap,

Enclosed is the manuscript, entitled “CXCR7 is induced by hypoxia and mediates glioma cell migration towards SDF-1α” by Esencay et al. This report demonstrates that the recently identified second SDF-1α receptor, CXCR7, is upregulated in hypoxic conditions in glioma cells and this favors migration towards SDF-1α. CXCR7 also mediates the phosphorylation of Erk1/2 and Akt, and binds CXCR4 in glioma cells. Invasion remains an important obstacle in the treatment of glioblastoma, and a better understanding of molecular mechanisms governing invasion is required for improved therapeutics. Therefore, our findings in this report are of critical importance. The manuscript is not being considered for publication by another journal. All the authors whose names appear on the manuscript agreed on the submission of this paper. We hope you will find our manuscript suitable for publication in BMC Cancer.

If you have any questions, please do not hesitate to contact me. We thank you and the Editorial Board of BMC Cancer in advance.

Sincerely,

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