Author’s response to reviews

Title: Epstein-Barr virus positive peripheral T cell lymphoma with novel variants in STAT5B of a pediatric patient: a case report

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RE: Epstein-Barr virus positive peripheral T cell lymphoma with novel variants in STAT5B of a pediatric patient: a case report

Zihang Chen, Limin Gao, Mi Wang, Yuan Tang, Sha Zhao, Weiping Liu

Reviewer reports:

Vladislav Korobeinikov, M.D. (Reviewer 1)

General comments:

In the manuscript, the authors report a rare case of EBV positive peripheral T cell lymphoma associated with a STAT5B mutation in a 9-year-old patient. The report is very descriptive and
CARLOS MONTEAGUDO (Reviewer 2):

General comments:

This is a report of a very unusual and interesting case of pediatric lymphoma which may be of interest to the readers of the journal.

1. English corrections are needed (Page 7, lines 27 and 56; page 8, line 50; page 10, line 9; page 11, line 12). In page 5, line 56, "median" eosinophilic nucleoli. Why not "central".

Reply: Thanks for your kind reminder. We have reviewed the article and corrected the errors. We are so sorry for such mistakes.

Page 7, line 27: … it is also the second most common mature T-cell lymphoma in China which is accounting for 13.2% of the patients. In addition, this kind of lymphoma is always in adults but very rare in children.

Page 7, line 56: For these cases, lymph node involvement was the significant feature with the common site of cervical region. However, a few extranodal organs may also be involved...

Page 8, line 50: Morphologically, these diseases appear to be polymorphic or monomorphic without obvious pleomorphism of infiltrated cells.

Page 10, line 9: This patient was at the height of 110cm(<-3SDS) with low IGF-1 in serum(<-2SDS) and growth hormone insensitivity (growing 2cm after 6-month growth hormone therapy, much lower than normal therapeutic response) that might arise our consideration of the abnormality of STAT5B signaling pathway.

Page 11, line 12: However, our patient responded well and achieved complete remission after chemotherapy. Interestingly, this patient suffered relapse twice within 8 months.

Page 5, line 56: … slightly condensed chromatin and central eosinophilic inconspicuous nucleoli, …

2. The authors say (page 5, lines 50-51 and 59) that there are "significant mitotic figures". What does it mean? numerous? atypical? Be more specific.

Reply: Thank you for your instructive suggestions. We have revised the sentences according to your suggestion.
Page 5, lines 50-51: …punctate nuclear chromatin and visible nucleoli, numerous mitotic figures…

Page 5, line 59: …numerous mitotic figures and vessel invasion. Many small lymphocytes were appeared…