Author’s response to reviews

Title: Case Report: GABAB receptor encephalitis in a patient diagnosed with Amyotrophic Lateral Sclerosis

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Author’s response to reviews:

Editor Comments:

"Thank you for your submission of the revised manuscript with thoughtful emendations to reviewers concerns."

> We thank the Editor for the positive judgement of our revised Case Report and would be delighted if our manuscript would be published in BMC Neurology. Our response addresses the comments raised by the editor, please find it below:

"We are very interested in publishing this report in BMC Neurology pending a response to a minor comment to please include in discussion the limitation of the study of lack of autopsy to confirm or exclude the presence of TDP-43 pathology to definitively determine if the patient suffered from ALS or an autoimmune encephalitis mimic of ALS."

> No autopsy and testing for TDP-43 pathology was performed in our patient. As suggested by the editor, we included this information in the discussion of our study (Discussion and Conclusions, Paragraph 1).

"A minor addition of family history and any genetic testing for hereditary ALS (C9orf72, SOD-1, TARBDP, etc) if available would also be helpful."

> As suggested, we added further details regarding the family history of the patient (negative) in the Case Presentation (Case Presentation, Paragraph 2). No genetic tests were done.

Thanks a lot for the consideration of our manuscript,
Yours sincerely,

Heike Schumacher and Harald Prüß