Author's response to reviews

Title: Pathogenic Role and Prognostic Value of Selected Cerebrospinal Fluid Acute Phase Factors for Clinical Course and Outcome of Ischemic Stroke

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Dear Editor-in-Chief
BMC-series journals

Dear Sir/Madam,

We, would like to represent to your journal our original scientific contribution, which was sponsored by International Association for Cooperation with Scientists from the Former Soviet Union (INTAS project grant) and Georgian Academy of Sciences. The study was designed to investigate the role of several, selected acute phase factors and their role for clinical course and functional outcome of ischemic stroke. Study was conducted in Georgia at the Neurological Department of Khechinashvili University Clinic and at Immunological laboratory of Tbilisi State Medical University, Georgia.

The specialty of this study is the cerebrospinal fluid research, which is not easily achievable and gives the more realistic picture of what happens in the ischemic brain in the first hours of stroke onset. There are many clinical studies that research the same acute phase factors in blood, but the reaction of blood to the brain inflammation follows the CSF reaction, which is earlier. There are a lot of animal studies exploring the CSF in brain experimental ischemia but stroke in humans is unique and we target to study what happens in clinical settings.

We tried to link the basic research with clinical stroke and to summarize the knowledge on brain inflammation and free radical pathology. It is very difficult to conduct such a study in the conditions of developing country. The supervisor of the study conduction was Professor Natan Bornstein, Ikhilov Hospital, University of Telaviv, Israel.

Additionally, we submitted the article to the „American Journal Experts” for editing and improving the English language for grammar, overall style and punctuations and get from them the editing certificate.

This is one of the first attempts of Georgian Neurologists to apply for publication to the electronic journal. In case of our success many of our scientists will be interested to cooperate with BMC-series journals.

We hope that our article „Pathogenic Role and Prognostic Value of Selected Cerebrospinal Fluid Acute Phase Factors for Clinical Course and Outcome of Ischemic Stroke” will be revised for publication at your journal. In case of any decision we will be very grateful to you for consideration.

Sincerely,
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