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Dear Editor,

On behalf of all authors, I am delighted to submit a manuscript entitled “**The p-STAT3/ANXA2 axis promotes Caspase-1-mediated hepatocyte pyroptosis in non-alcoholic steatohepatitis**” to your appreciation and to the editorial analysis of the Journal of Translational Medicine, as to the possibility of its publication.

In our study, the results of both bioinformatic analyses and experiments revealed the expression level of ANXA2 was up-regulated in both LPS-treated hepatocytes and NASH liver, and the inhibition of ANXA2 expression can suppress the associated hepatocyte pyroptosis and fibrosis. According to the analysis of upstream transcription factors of ANXA2, it was observed that the highly expressed p-STAT3 could promote the transcription of Anxa2 by binding with its promoter. The p-STAT3/ANXA2 axis can activate the Caspase-1 and thus mediating the hepatocyte pyroptosis and fibrosis of NASH. Our study is the first to report the role of p-STAT3/ANXA2 axis in NASH, providing a new therapeutic target for clinical treatment.

This manuscript has not been published before and it is not being considered for publication elsewhere. All the authors have contributed to this manuscript for important intellectual content and read and approved the final manuscript. We declare there is no conflict of interest.

Many thanks for your time and consideration. We deeply appreciate your consideration of our manuscript, and we look forward to your decision. If you have any queries, please don't hesitate to contact me.

Yours sincerely,

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