Response to Reviewers' Comments

Reviewer 03441899

1. It is a well organized review.

We thank this reviewer for his/her kind words.

Reviewer 06301996.

1. This is a well-written, comprehensive narrative review on the most recent research regarding pharmacotherapy for trauma. Some typographical amendement that I suggest are incuded in the attached revised manuscript file.

We have included the changes provided by this reviewer. We truly thank this reviewer for his/her help.

2. It would be useful for the reader if you could include a table recapitulating relevant studies on psilocybin and MDMA, providing data on First Author, Year of Publication, Country (-ies) of Origin, doi Number, Drug Group, Drug Dose(s), Control Group(s), Control Dose(s), Outcomes (RR, OR, HR), 95% CI and/or p-value. This way your conclusions could be summarized more easily and the reader would have the opportunity for more objective assessment of the included studies.

We have incorporated this suggestion, and our table is provided as such:

Reference	Publication Year	Treatment	Psychiatric Diagnosis
Carhart-Harris et al.[7]	2021	Psilocybin	Depression
Murphy et al.[30]	2021	Psilocybin	Depression
Davis et al.[31]	2021	Psilocybin	Depression
Khan et al.[34]	2022	Psilocybin	Trauma-related disorders in AIDS patients
Healy et al.[35]	2021	Psilocybin	Complex Trauma
Kozlowska et al.[36]	2022	Psilocybin	Neurodegenerative disorders
Mitchell et al.[16]	2021	MDMA	PTSD
Gorman et al.[37]	2020	MDMA	PTSD
Hoskins et al.[38]	2022	MDMA	PTSD

Arluk et al.[39]	2022	MDMA	PTSD
Monson et al.[40]	2020	MDMA	PTSD
Wagner et al.[41]	2021	MDMA	PTSD
Bird et al.[42]	2021	MDMA	Depression
Nicholas et al.[43]	2022	MDMA	Substance use disorders
Ponte et al.[44]	2021	MDMA	Sleep disorders
Brewerton et al.[45]	2021	MDMA	Eating disorders
Barone et al.[46]	2022	MDMA	End-of-life anxiety associated with life-threatening illness

Table 1. Relevant articles to the discussion with the corresponding treatment investigated.

AIDS: Acquired immunodeficiency syndrome; MDMA: 3,4-methylenedioxymethamphetamine; PTSD: Post-traumatic stress disorder

Editor-in-Chief:

1. I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Psychiatry, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. Authors are required to provide standard three-line tables, that is, only the top line, bottom line, and column line are displayed, while other table lines are hidden. The contents of each cell in the table should conform to the editing specifications, and the lines of each row or column of the table should be aligned. Do not use carriage returns or spaces to replace lines or vertical lines and do not segment cell content. Before final acceptance, when revising the manuscript, the author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply a new tool, the RCA. RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: https://www.referencecitationanalysis.com/.

We appreciate the Editor-in-Chief for pointing this useful tool (RCA). We have performed such search, and we have incorporated this tool in our Abstract, "A literature search for ((psilocybin) OR (MDMA)) AND (trauma) was conducted on PubMed database and Reference Citation Analysis."

We have also incorporated this useful tool in the last paragraph of our Introduction, "A literature review was conducted through PubMed database search of ((psilocybin) OR (MDMA)) AND (trauma). The search was also performed on Reference Citation Analysis (https://www.referencecitationanalysis.com/). The aim is to summarize the literature on psychedelic drugs, with an emphasis on the role of MDMA and psilocybin in PAT in the setting of trauma and related depressive disorders, from 2020 to 2022".