

Review Form2

Book Name:	Disease and Health Research: New Insights
Manuscript Number:	Ms_BPR_2250
Title of the Manuscript:	The Other Obesity Epidemic—Of Drugs and Bugs
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	This manuscript is likely important for the scientific community for several reasons: Obesity in Psychiatric Patients: The manuscript highlights an important issue—obesity and metabolic disorders in patients with psychiatric conditions, particularly those on psychotropic drugs. This is a significant concern given the higher rates of obesity and related health complications in these patients compared to the general population. Gut Microbiota and Drug Interaction: The manuscript explores the novel interaction between gut microbiota and psychotropic drugs, revealing how these drugs can induce dysbiosis and contribute to obesity. This represents a cutting-edge area of research, integrating pharmacology, microbiology, and psychiatry. Pharmacomicrobiomics: The discussion of pharmacomicrobiomics—how drugs and microbiota interact—presents new insights into drug metabolism and its impact on health. This emerging field could open new avenues for understanding and addressing drug-related metabolic issues.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article, "The Other Obesity Epidemic—Of Drugs and Bugs," is both intriguing and descriptive.The title effectively captures attention by using the term "Obesity Epidemic," which is a widely recognized public health issue, and juxtaposes it with "Drugs and Bugs," hinting at an unconventional perspective.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract of the article is quite comprehensive. The abstract provides a clear overview of the topic, emphasizing the high rates of obesity among chronic psychiatric patients and linking this to the use of psychotropic drugs.The abstract summarizes the relationship between psychotropic drugs and gut microbiota, including the impact of these drugs on the Bacteroidetes phylum and subsequent effects on weight gain.	
Are subsections and structure of the manuscript appropriate?	The manuscript has a clear division into relevant sections: Introduction, Psychotropic Drugs and Obesity, The Holobiont, and Gut Microbes and Psychotropic Drugs Metabolism. Each section addresses a distinct aspect of the topic, contributing to a comprehensive understanding of the issue. The structure follows a logical flow, starting with the background and significance of the problem (Introduction), then delving into the specifics of the issue (Psychotropic Drugs and Obesity), exploring underlying mechanisms (The Holobiont), and finally examining the impact on drug metabolism (Gut Microbes and Psychotropic Drugs Metabolism).	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4	Determining the scientific robustness and technical soundness of a manuscript involves evaluating several critical aspects. Based on the provided details, here's why the manuscript on the relationship between psychotropic drugs, obesity, and gut microbiota can be considered scientifically robust and technically sound:	

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sentences may be required for this part.	Coverage of Relevant Topics: The manuscript addresses a significant and complex issue, exploring how psychotropic drugs contribute to obesity and how gut microbiota interacts with these drugs. Integration of Findings: It integrates findings from various studies to build a coherent narrative about the mechanisms at play. This approach reflects a thorough understanding of the subject matter and demonstrates the manuscript's robustness. Impact of Gut Microbiota on Drug Metabolism: Examining how gut microbiota influences the metabolism of psychotropic drugs is a novel and technically sophisticated angle, suggesting the manuscript contributes new insights to the field. Inclusion of Specific Examples: By discussing specific drugs and their impacts, such as olanzapine and clozapine, the manuscript provides concrete examples that enhance its technical depth.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are sufficient and recent.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Based on the provided details, the language and English quality of the manuscript appear suitable for scholarly communication. The use of precise terminology, clear structure, and adherence to academic style indicates a high level of language quality.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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