

**Author response to reviewer-**

The manuscript provides a comprehensive review of the intergenerational epigenetic impacts of substance abuse, with a specific focus on Latino families. It synthesizes evidence from both animal models and human studies to highlight how substances like alcohol, nicotine, cannabis, opioids, and stimulants alter epigenetic mechanisms such as DNA methylation, histone modifications, and microRNA regulation. These changes are shown to have long-lasting effects on neurobiological development, behavior, and even transgenerational inheritance.

**Agree with the reviewer comment**

Please consider the title, "Epigenetic Implications of Substance Abuse in Latino Populations: A Review."

**Title was edited with this consideration.**

No. I rewrote the "Abstract" to serve as a guide for the author.

**I edited the abstract to include some suggested materials.**

All sections are pertinent to the manuscript

**Agree with the reviewer comment**