

Review of: "[Commentary] Balancing the bio in a biopsychosocial model of hazardous drinking and alcohol use disorders"

Antonio Jesús Molina-Fernandez¹

¹ Universidad Complutense de Madrid

Potential competing interests: No potential competing interests to declare.

A very interesting paper, about an actual topic such as the genetic reductionism about addiction, in this case Alcohol Use Disorder and genetics. The paper is based in *Hazardous drinking and alcohol use disorders*. *Nat. Rev. Dis. Prim.* 2022 **8**, 1-25 (2022), written by MacKillop and colleagues, that makes the usual proposal about biopsychosocial approach with a clear medical reductionism (in this particular case, genetism).

My suggestions are related with the connection of this particular paper with more wider perspective, dominant in Substance use, connecting the problems with Genetics/brain disorders. I suggest to mention this focus as a framework to avoid, as it happens with the model of the Environmental Enrichment (Ruiz Sanchel de León, 2022).

Also, I would like to comment the need for inclusion of epigenetic issues, not only genetics, in order to indicate the reductionism of MacKillop paper.

Lot of thanks for give me chance to comment and make suggestions about this interesting article. Lot of thanks