To

The Editor

**XXXXX**

Special Issue XXX

Dear Editor,

Please find with this letter our attached manuscript, entitled “A causal web between chronotype and metabolic health traits” in response to the call for the special issue XXXXXX

In this article, we exploited GWAS study statistics and MR analyses related to chronotype in an effort to identify causal relationships between exposure to chronotype and several cardiometabolic and mental health related traits. We further mined MR repositories and identified 10 significant chronotype – exposure associations exposed to 111 potential previously known confounders, 52 intermediates, 18 reverse intermediates, and 31 colliders, affecting the relationship between chronotype and commonly reported cardiometabolic traits. Our findings could form the basis for combinations of multivariate and multi-stage analyses for further exploratory analysis, including mechanistic studies.

We believe that our work would be of relevance and value to the Genes audience as well as to the wider biomedical community offering a systematic approach to explore causal relationships between exposure to chronotype and several cardiometabolic and mental health related traits

We can confirm that this submitted manuscript is not under review at any other publication, nor has it been the subject of other previously published manuscripts.

We look forward to hearing from you and hope that you find our article of interest.

With kindest regards

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