

Statement of novelty

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Below signed authors of the manuscript entiteled: »Interaction of PER2 with the Constitutive Androstane Receptor Possibly Links Circadian Rhythms to Metabolism" confirm that the research was performed by us and is original. In this paper we describe and prove new scientific findings:

- With bioinformatic analysis we show the possibility of PER2 and CAR interaction and we prove that with following experiments:
- Car overexpression influences Bmal1 transcriptional activity and we prove that with luciferase reporter studies,
- Car and Per2 co-transfection induces Bmal1 transcription that is even higher than Car only and we prove that with luciferase reporter studies,
- PER2 and CAR proteins form interaction and we prove that with the co-IP experiments.

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