Transient rapamycin treatment during developmental stage extends lifespan in *Mus musculus* and *Drosophila melanogaster*

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**REPORTING CHECKLIST FOR LIFE SCIENCE ARTICLES (UPDATED JANUARY 2022)**

This checklist is adapted from Materials Design Analysis Reporting (MDAR) Checklist for Authors. MDAR establishes a minimum set of requirements in transparent reporting in the life sciences (see Statement of Task: 10.31223/ejifm7g5). Please follow the journal’s guidelines in preparing your manuscript.

Please note that a copy of this checklist will be published alongside your article.

**Abridged guidelines for figures**

1. **Data**

   - The data shown in figures should satisfy the following conditions:
     - The data were obtained and processed according to the field’s best practice and are presented to reflect the results of the experiments in an accurate and unbiased manner.
     - Ideally, figure panels should include only measurements that are directly comparable to each other and obtained with the same assay.
     - Jitter plots include clearly labeled error bars for independent experiments and sample sizes. Unless justified, error bars should not be shown for technical replicates.
     - If n<5, the individual data points from each experiment should be plotted. Any statistical test employed should be justified.

2. **Captions**

   - Each figure caption should contain the following information, for each panel where they are relevant:
     - A specification of the experimental system investigated (e.g. cell line, species name).
     - The assay(s) and method(s) used to carry out the reported observations and measurements.
     - An explicit mention of the biological and chemical entities that are being measured.
     - The exact sample size (n) for each experimental group/condition, given as a number, not a range.
     - A description of the sample collection allowing the reader to understand whether the samples represent technical or biological replicates (including how many animals, litters, cultures, etc.).
     - A statement of how many times the experiment was independently replicated in the laboratory.

   - Definitions of statistical methods and measures:
     - Common tests, such as t-test (please specify whether paired vs. unpaired), simple χ² tests, Wilcoxon and Mann-Whitney tests, can be unambiguously identified by name only, but more complex techniques should be described in the methods section.
     - Are tests one-sided or two-sided?
     - Are there adjustments for multiple comparisons?
     - Exact statistical test results, e.g., P values = x but not P values < x.
     - Definition of “center values” as median or average.
     - Definition of error bars as s.d. or s.e.m.

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| Newly Created Materials | Information included in the manuscript? | In which section is the information available? |
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| Have primary datasets been deposited according to the journal’s guidelines (see Data Deposition section) and the respective accession numbers provided in the Data Availability Section? | Yes | Data Availability Section |
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