**Author’s response to reviews**

Title: Exercise and Resveratrol Increase Fracture Resistance in the 3xTg-AD Mouse Model of Alzheimer’s Disease

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1. Please specify the volume/dosage of the CO2 used to euthanise the mice.

AUTHORS: Added "Duration of treatment was 4 months, after which mice were sacrificed by asphyxiation using compressed CO2 at a flow rate of 1 L/min and chamber fill rate of 30% chamber volume per minute."

2. The individual contributions of ALL authors to the manuscript should be specified in the Authors’ Contributions section. Currently, Monica Castro and Jeganathan R. Babu are missing from the contributions.

AUTHORS: Added contributions for MC and JRB (conducted analyses).

3. Please remove the ARRIVE checklist, as it is no longer needed at this stage.
4. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Figures (and additional files) should remain uploaded as separate files.

AUTHORS: Done.