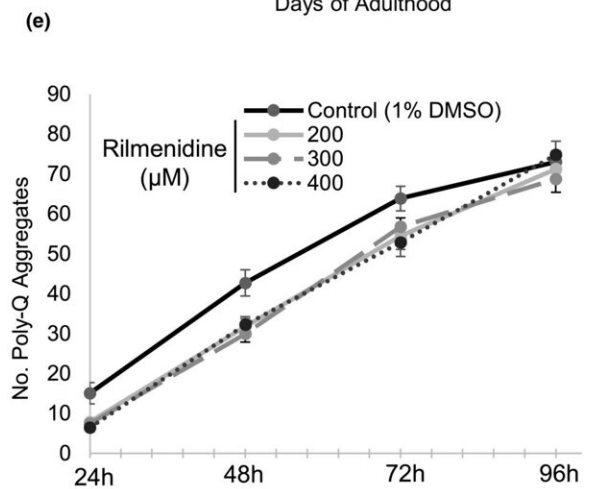
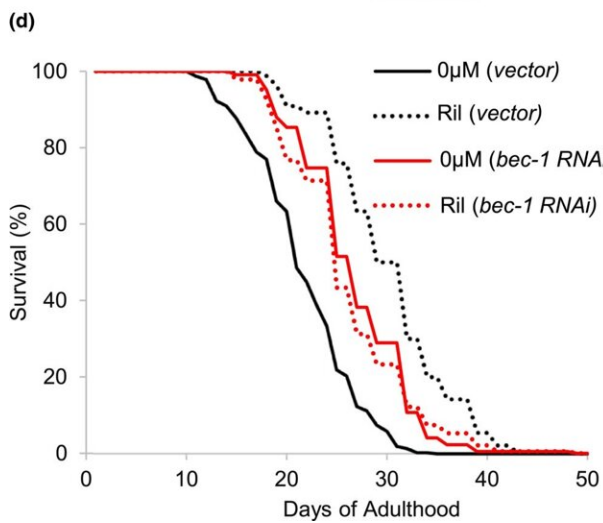
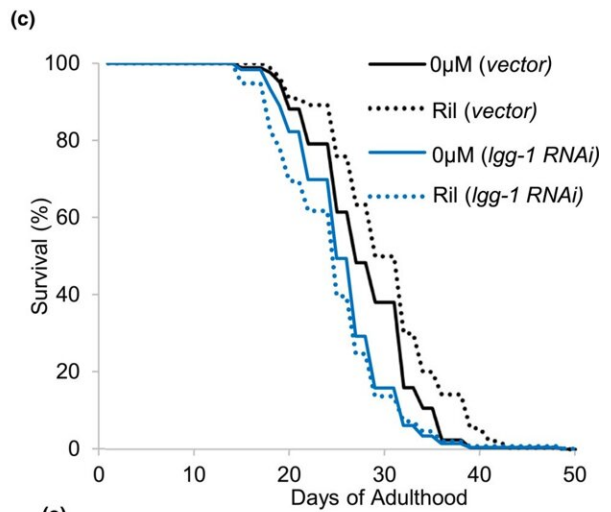
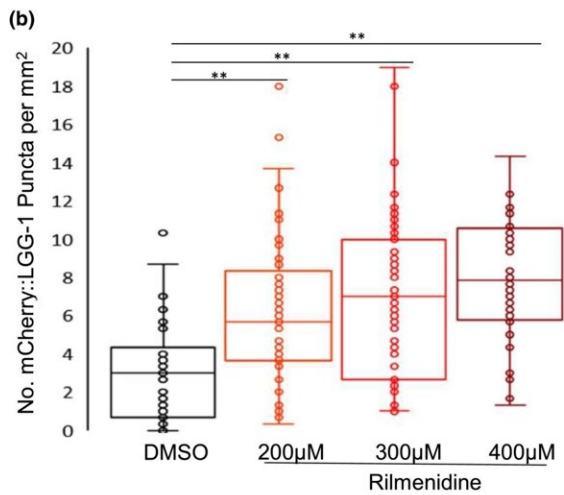
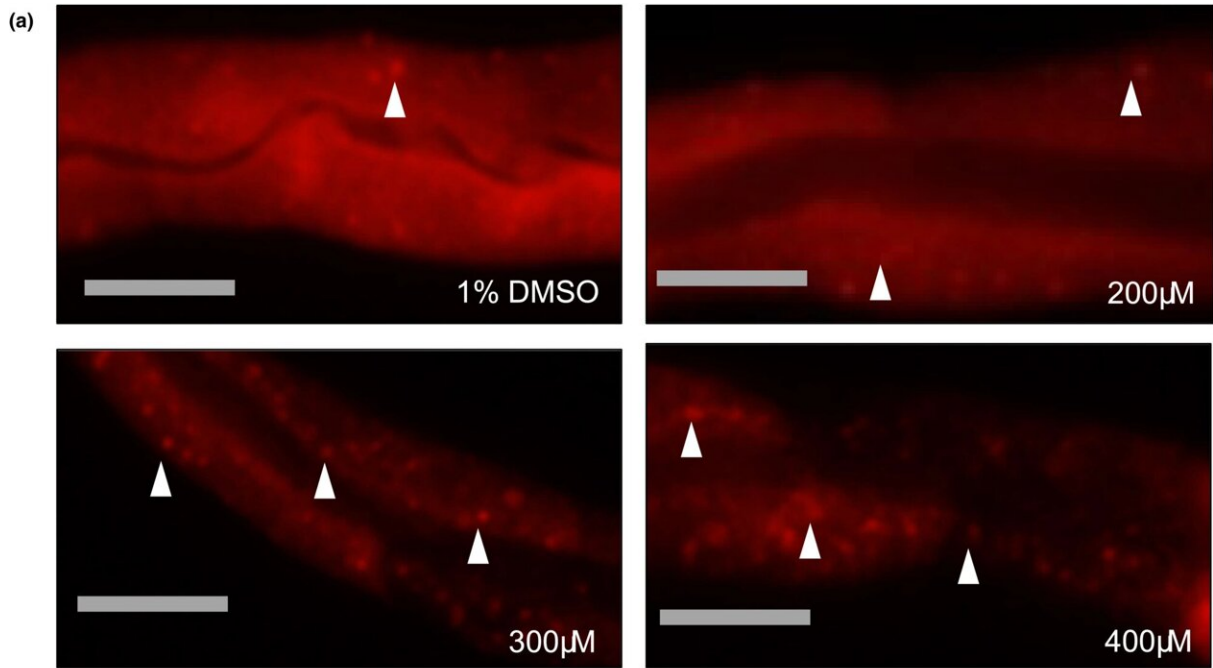


# Hypertension drug could be repurposed to delay aging, study finds

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Induced autophagy by rilmenidine perturbed polyQ aggregation. (a) Representative images of day 2 adult transgenic animals, expressing the intestinal specific autophagy reporter gene *Pnhx-2::mCherry::lgg-1* showing increased autophagy, when exposed to varying concentrations of rilmenidine for 24 h compared to 1% DMSO vehicle. Arrows indicate autophagosome puncta formation. Scale bar = 20  $\mu$ m. (b) The graph shows the interquartile distribution of the mean number of mCherry::LGG-1 puncta in the posterior intestine of the animals in each condition. Error bars, upper:  $Q3 + 1.5 * IQR$ ; minimum:  $Q1 - 1.5 * IQR$ . \*\**p*

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