



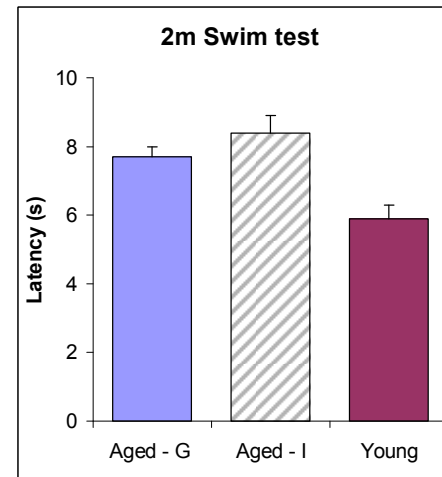
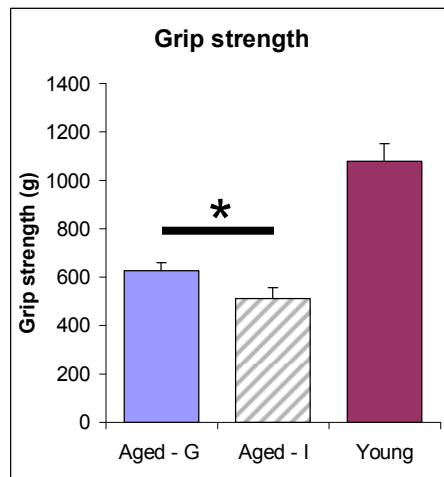
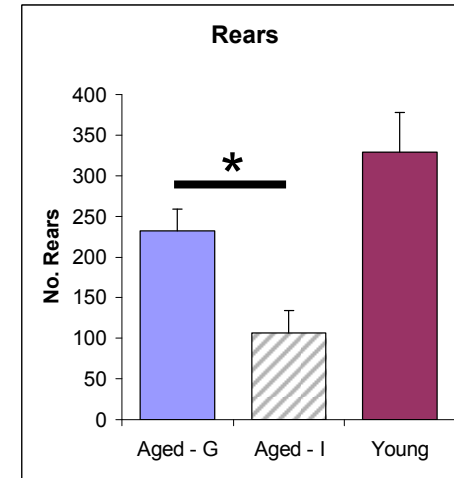
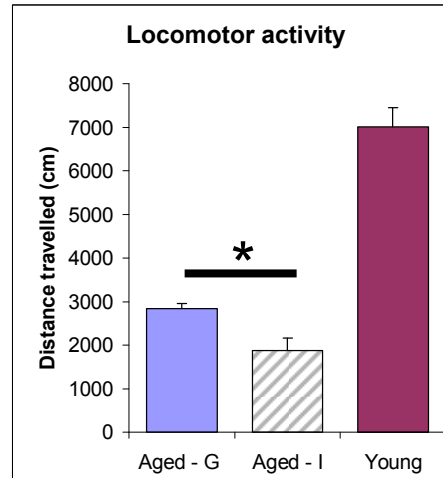
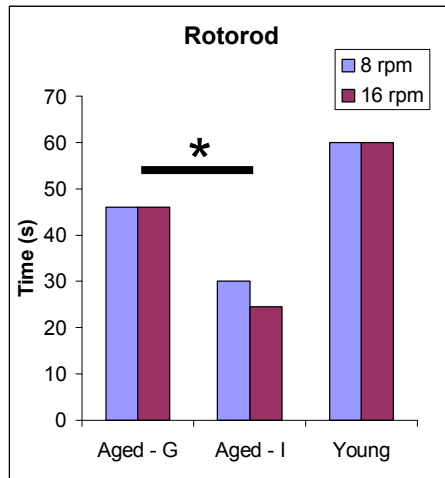
Neurological test screen

Neurological test screen

- Screen designed to determine the effect of e.g. a test NCE on neurological function.
- The screen can be conducted in rat or mouse species.
- Emphasis on quantitative measures.
 - Locomotor activity and rearing in open field
 - Rotorod
 - Grip strength
 - Body temperature
 - 2m linear swim test
 - Several checked signs derived from the Irwin test
- Test can be adapted to best meet client needs.
 - Test can be aligned with a relevant efficacy test, i.e identify early safety margins for test article.
 - Parallel groups can be established for blood/tissue sampling for PK purpose.
 - Tissue collection and blood chemistry can be incorporated into study design.

Neurological test comparison

3 month (Young) vs. 22 month (Aged) SD rats



In addition to detecting a clear age effect on neurological function, the test battery also identified a cohort of aged rats with a more pronounced deficit (Aged-I).