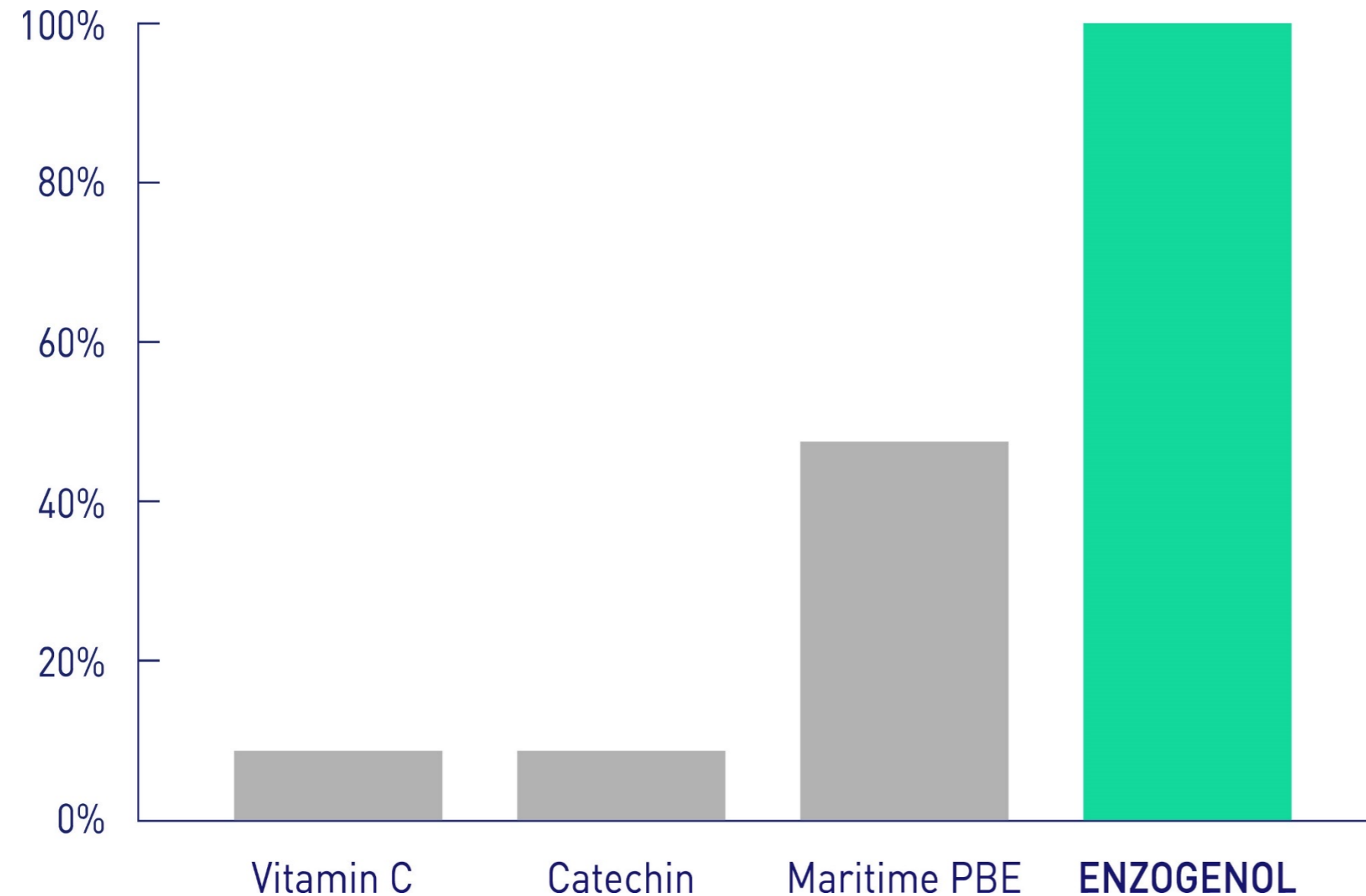


Anti-ageing Benefits - 1

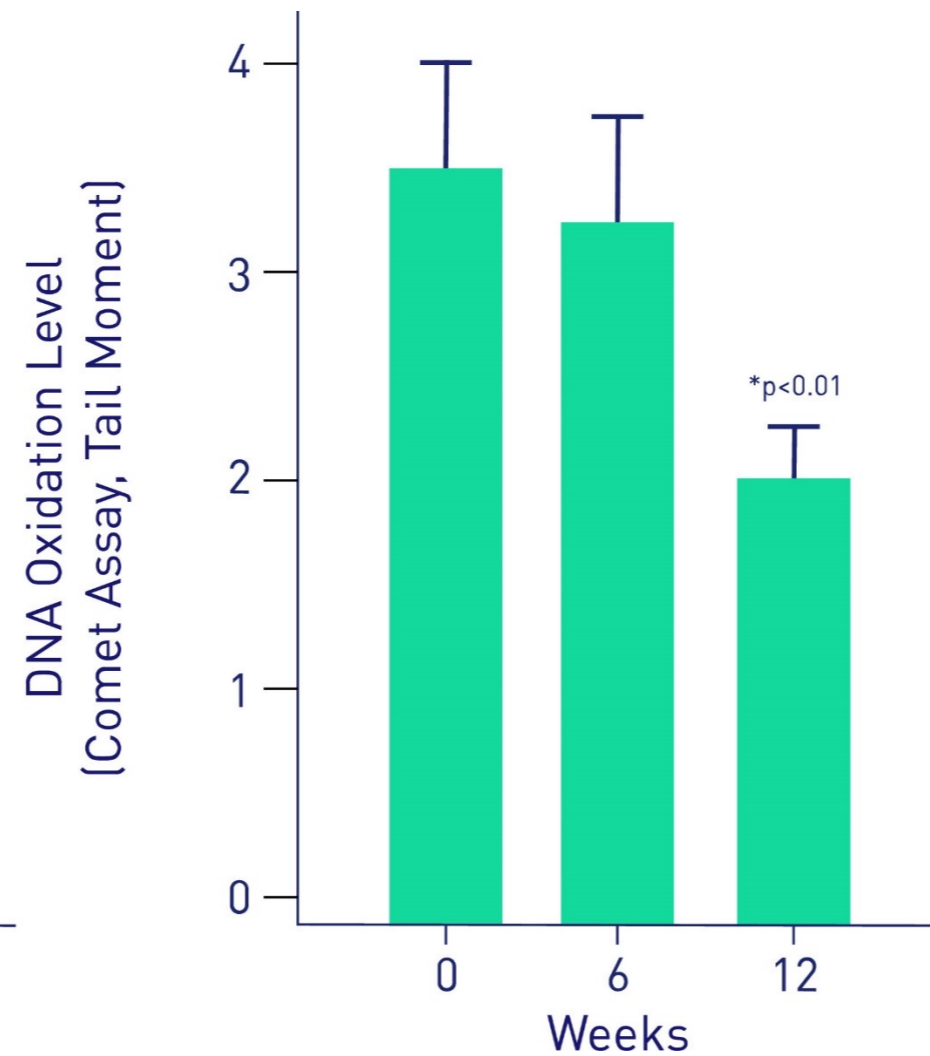
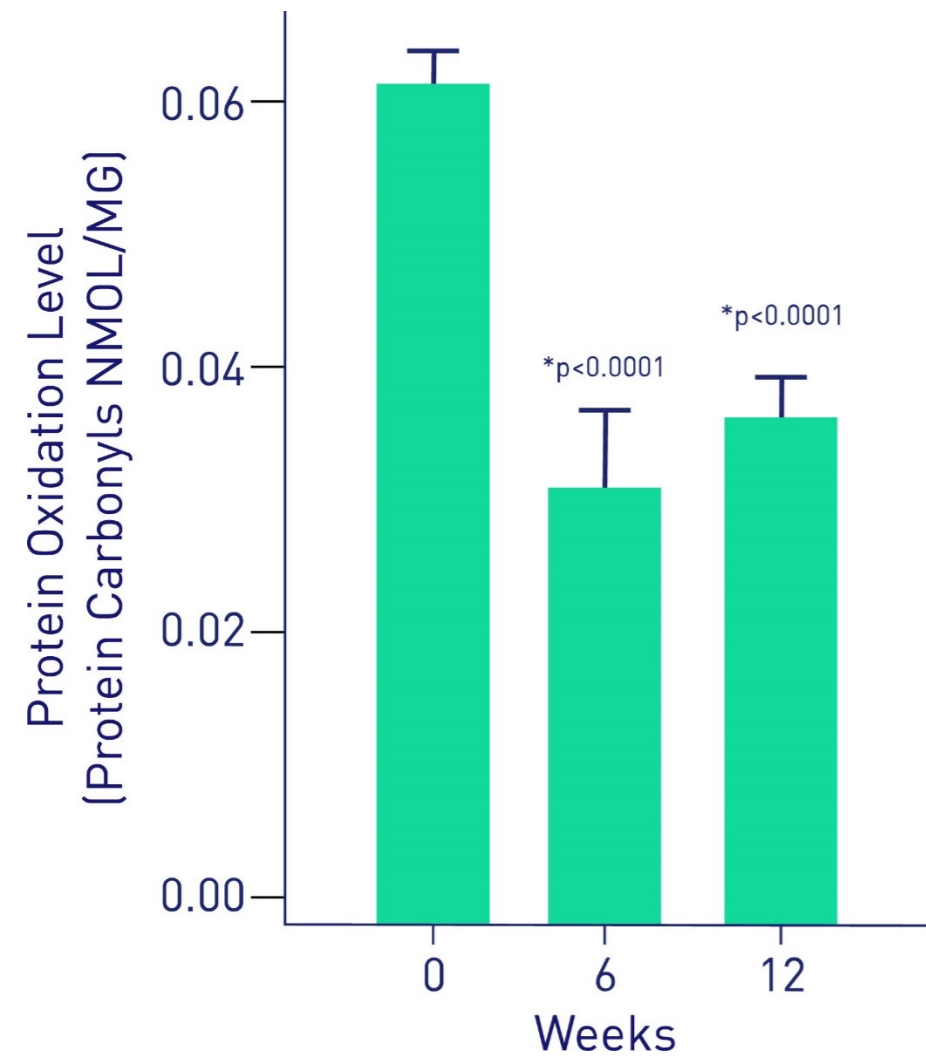


Antioxidant Activity Comparison

Chemical analyses have shown that Enzogenol is a highly active antioxidant, several times stronger than vitamin C or other polyphenol extracts.

Wood, et al., 2002. Antioxidant activity of procyanidin-containing plant extracts at different phs. [Food Chemistry 77, 155-161.](#)

Anti-ageing Benefits - 2

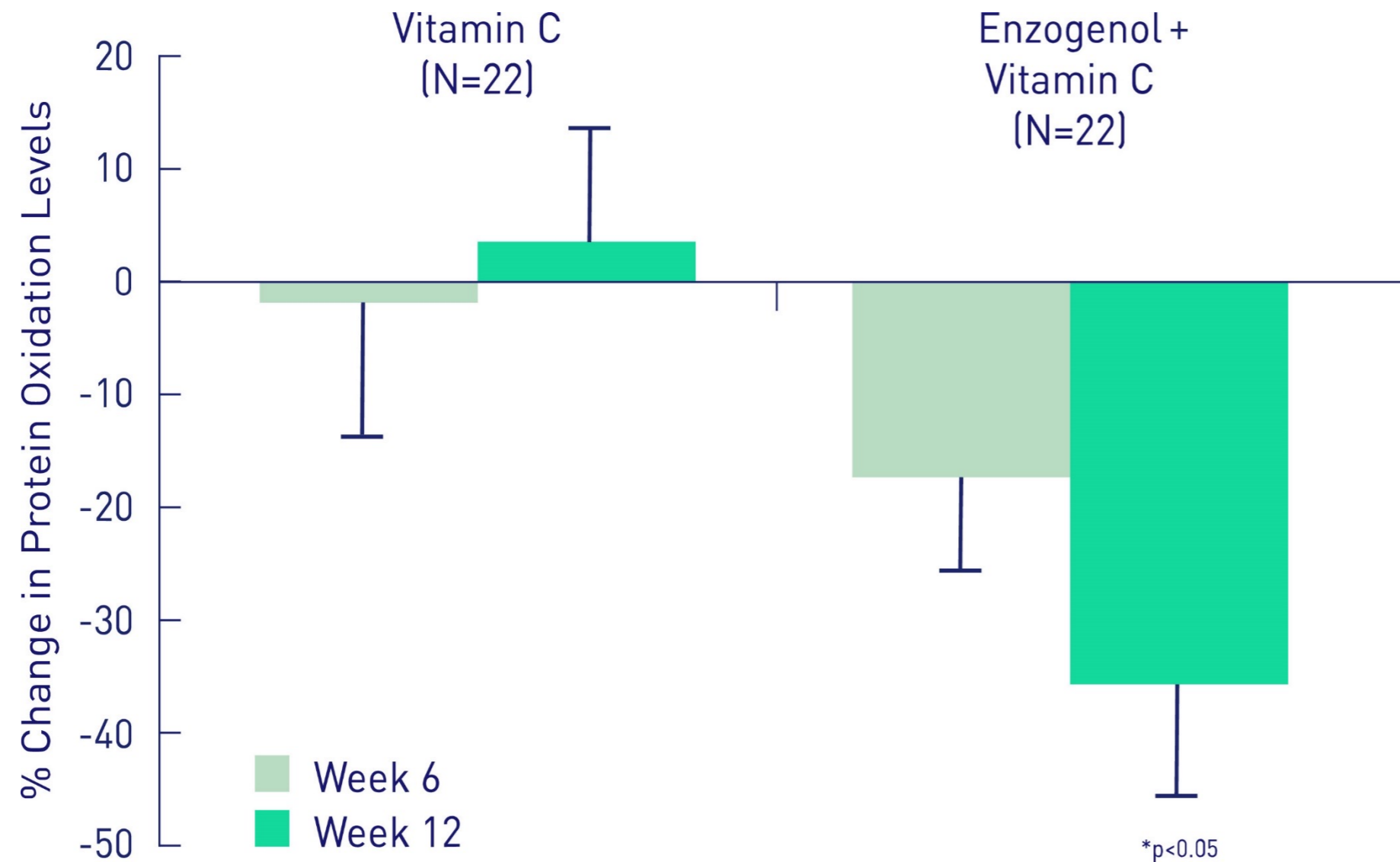


Reducing Protein and DNA Damage

Clinical studies have shown that taking Enzogenol can reduce oxidative stress, including protein oxidation and DNA damage in the body and thereby support a healthy oxidative balance.

Senthilmohan, et al., 2003. Effects of flavonoid extract Enzogenol® with vitamin C on protein oxidation and DNA damage in older human subjects. [Nutrition Research 23, 1199-1210](#)

Anti-ageing Benefits - 3

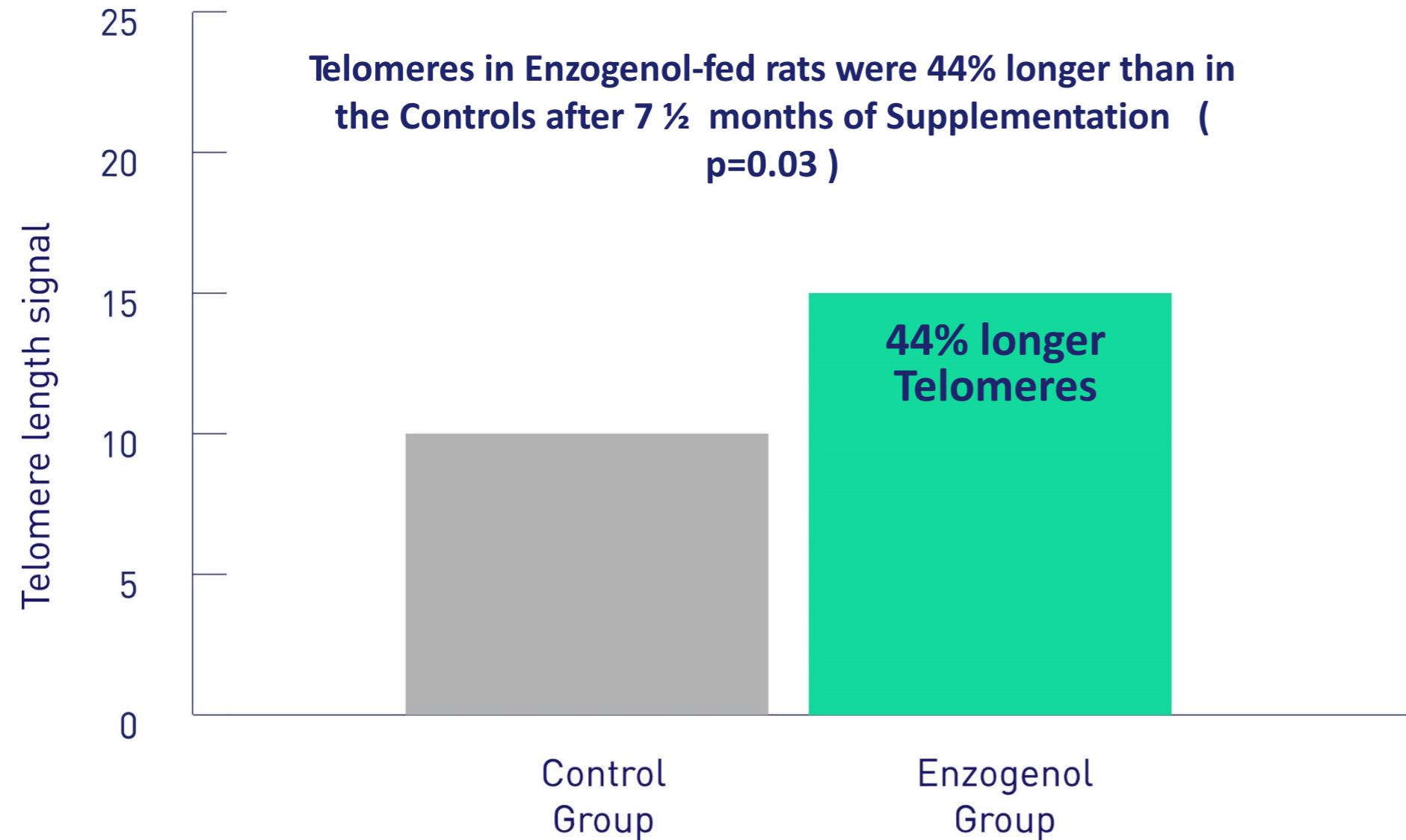


Reducing Protein Oxidation compared to Placebo (Vit C)

This clinical study has shown that taking Enzogenol significantly and systemically reduces oxidation of blood proteins, an important marker of oxidative stress levels.

Young, et al., 2006. Comparative effects of enzogenol and vitamin c supplementation versus vitamin c alone on endothelial function and biochemical markers of oxidative stress and inflammation in chronic smokers. [Free Radical Research 40\(1\), 85-94.](#)

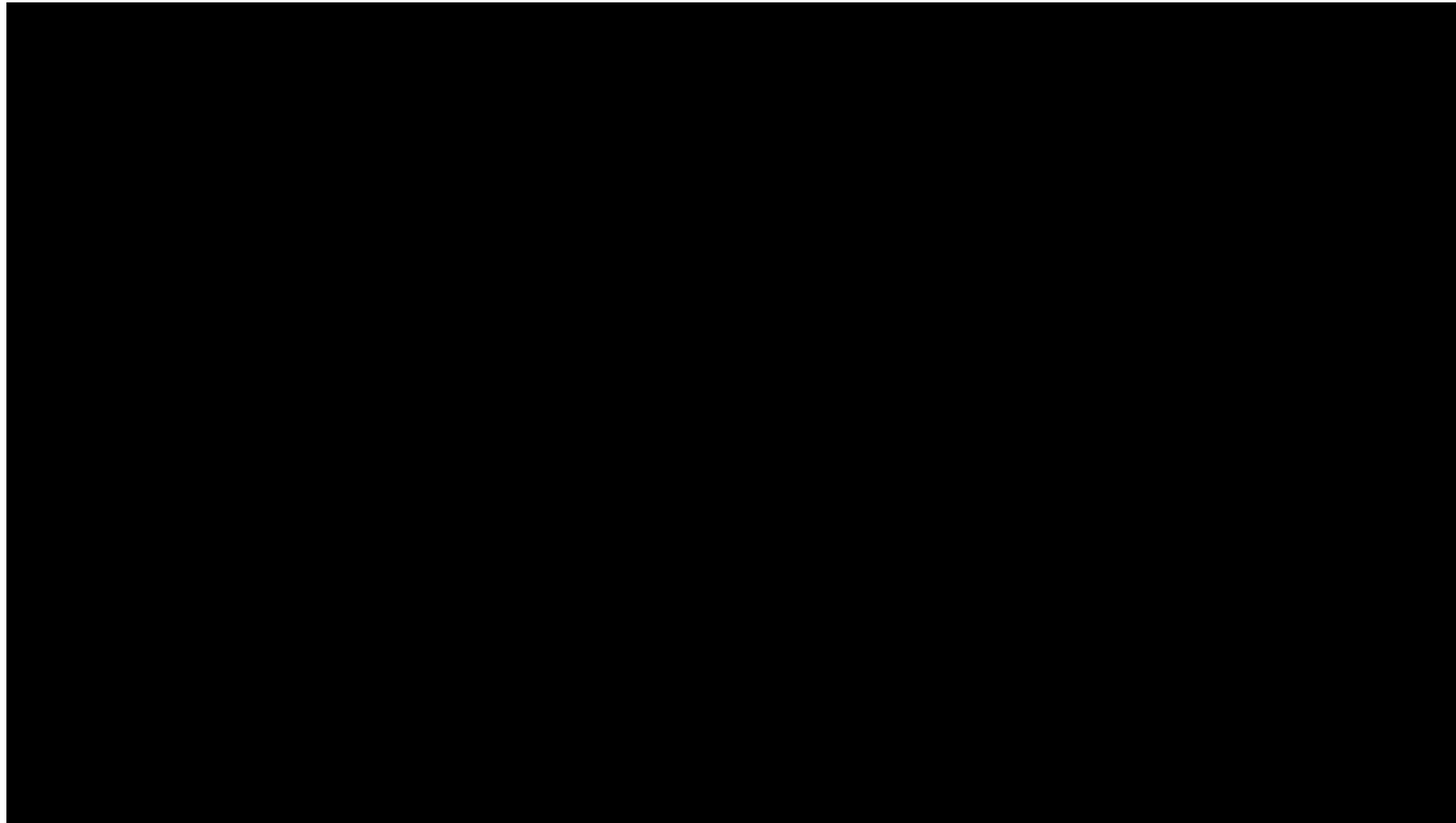
Anti-ageing Benefits - 4



Preserving Telomere Length
Enzogenol protects Telomeres from the age-related shortening process a new rat study has shown. This research is very important as it shows the anti-ageing properties of Enzogenol.

Frevel, M. 2019. ENZOGENOL Pine Bark Extract – From An Ancient Remedy To A Natural Neurotherapeutic. in Natural Medicines – Clinical Efficacy, Safety and Quality. Ghosh, D. and Mukherjee, P.K. CRC Press

Anti-ageing Benefits - 5



Increasing Longevity

ENZOGENOL increases lifespan in mouse trials.

These trials caused no harm, discomfort or suffering to the mice – in fact, the mice receiving the Enzogenol food lived longer, healthier lives than the control mice.

(<https://www.youtube.com/watch?v=mJojZpXhq9k>)

Frevel, M. 2019. ENZOGENOL Pine Bark Extract – From An Ancient Remedy To A Natural Neurotherapeutic. in Natural Medicines – Clinical Efficacy, Safety and Quality. Ghosh, D. and Mukherjee, P.K. CRC Press

Anti-ageing Benefits - 6

Conclusions

- **Clinical trials show how Enzogenol protects our body from oxidation and reduces damage to cellular building blocks, including proteins and DNA, contributing to its anti-ageing effect.**
- **Animal trials show how Enzogenol protects Telomeres from shortening keeping cells and the whole body younger.**
- **Animal trials show how Enzogenol increases longevity by 18.4%, and preserving health and mobility with age.**