

10 Science Backed Protocols For Healthy Ageing

1. Prioritize a Mediterranean Diet

A Mediterranean-style diet, rich in fruits, vegetables, whole grains, and healthy fats like olive oil, has been linked to improved longevity and reduced age-related diseases.

Study: The PREDIMED study found that the Mediterranean diet reduced cardiovascular events by 30% in high-risk individuals over five years

Source: Primary Prevention of Cardiovascular Disease with a Mediterranean Diet | New England Journal of Medicine

2. Consume Omega-3 Fatty Acids

Foods like fatty fish (e.g., salmon) and walnuts are rich in omega-3s, which support brain health and reduce inflammation.

Study: Research has shown that omega-3 fatty acids reduce the risk of Alzheimer's disease and slow cognitive decline

Source: Omega-3 fatty acids and dementia - PMC

3. Boost Antioxidant Intake with Berries

Berries such as blueberries and strawberries are high in antioxidants that combat oxidative stress, a key driver of ageing.

Study: A study found that regular blueberry intake has the potential to decrease cardiovascular risk factors

Source: <u>Blueberries Decrease Cardiovascular Risk Factors in Obese Men and Women with</u> <u>Metabolic Syndrome, - ScienceDirect</u>

4. Incorporate Green Tea

Green tea contains polyphenols, which protect cells from damage and support skin health.

Study: Research highlights green tea may have anti-inflammatory anticarcinogenic properties.

Source: Green tea and skin - PubMed

5. Emphasize Whole Grains

Whole grains like oats and quinoa support heart health and lower cholesterol, reducing age-related cardiovascular risk.

Study: The Nurses' Health Study showed that higher whole-grain consumption was associated with lower all-cause mortality

Source: Whole Grain Intake and Mortality: Two Large Prospective Studies in U.S. Men and Women

6. Eat Fermented Foods

Fermented foods like yogurt and kimchi improve gut health by promoting a diverse microbiome, which is linked to reduced inflammation.

Study: Probiotic intake was found to alleviate chronic inflammation in older adults

Source: Probiotic-Reduced Inflammaging in Older Adults: A Randomized, Double-Blind, Placebo-Controlled Trial

7. Add Dark Leafy Greens

Spinach and kale are rich in vitamin K and lutein, nutrients crucial for bone health and eye protection.

Study: A study showed that high lutein intake protects against macular degeneration, a leading cause of blindness

Source: <u>The role of the carotenoids</u>, <u>lutein and zeaxanthin</u>, <u>in protecting against age-related</u> <u>macular degeneration</u>: A review based on controversial evidence - PMC.

8. Stay Hydrated

Proper hydration supports skin elasticity and overall cellular function, reducing the visible effects of ageing.

Study: Dehydration has been linked to poorer health outcomes and accelerated ageing markers

Source: Link between hydration and aging | National Institutes of Health (NIH)

9. Reduce Processed Sugar Intake

Excess sugar contributes to glycation, which damages collagen and elastin, accelerating skin ageing.

Study: Glycation has been shown to impair skin structure and increase wrinkle formation

Source: Advanced Glycation End Products in the Skin: Molecular Mechanisms, Methods of Measurement, and Inhibitory Pathways

10. Resistance training

Nuts like almonds and seeds like flax are rich in healthy fats and antioxidants, which reduce inflammation and support cardiovascular health.

Study: A meta-analysis found that doing any amount of resistance training, like lifting weights, can lower your chances of dying early by 15%, dying from heart problems by 19%, and dying from cancer by 14%. The biggest benefits happen if you do about 60 minutes of resistance training a week, cutting the risk of dying early by up to 27%.

Source: <u>Resistance Training and Mortality Risk: A Systematic Review and Meta-Analysis -</u> <u>PubMed</u>