

GlycanAge

From menopause relief to
precision longevity care —
powered by **glycans**

The first biomarker test that
shows how hormones reshape
your inflammation, aging &
cardiovascular health

Developed in collaboration with:

KING'S UNIVERSITY OF
College LONDON **CAMBRIDGE**

HARVARD UNIVERSITY OF
MEDICAL SCHOOL **OXFORD**

JOHNS HOPKINS **Stanford**
UNIVERSITY University



Traditional care treats menopause symptoms. Glycans reveal the biology of long-term health

Menopause isn't just about hot flashes or mood changes. The loss of estrogen accelerates biological aging, increases inflammation, and raises risks of cardiovascular disease, osteoporosis, and cognitive decline. GlycanAge provides the first **reliable way to track** how menopause and hormone replacement therapy (HRT) affect **long-term health**.

What is GlycanAge & how it can transform your care?

GlycanAge is a simple finger-prick test that measures glycans — sugar molecules on antibodies that reflect systemic inflammation and immune function, two key drivers of aging and disease. By integrating GlycanAge into menopause and HRT care, you can go beyond symptom management to focus on healthspan and prevention. With glycan testing you can:

- ✔ Detect early inflammatory changes linked to perimenopause, menopause even if symptoms are not present
- ✔ Show measurable benefits of HRT and allow personalization of hormone therapy, adjusting dose & type with objective data
- ✔ Identify and monitor cardiovascular risk years before it becomes clinically apparent
- ✔ Build a foundation for better long-term health and an extended healthspan

Key figures:

30+

Years of scientific research

350+

Scientific papers published

€40m+

In R&D grant funding

300k+

Glycan samples analyzed by us

“With optimized hormone replacement, I’ve seen patients drop 20–25 years off their GlycanAge. This isn’t just about relieving menopausal symptoms — it’s about showing measurable improvements in biological age and inflammation. For the first time, we can prove the systemic benefits of HRT with objective data, and that changes the conversation from short-term relief to long-term health and longevity.” — Dr Joseph Raffaele, MD, Founder, Raffaele Medical

What does the science tell us?

Hormone tests often give an incomplete picture during perimenopause and menopause, as levels of estrogen, progesterone, and FSH fluctuate dramatically — sometimes even daily. This leaves both women and clinicians without reliable guidance.

Glycans offer something different. They provide a stable, integrated readout of how the immune system is responding to hormonal changes over time.

Read our white paper

The Estrogen–Glycan Connection: Biological Aging in Perimenopause and Menopause

