

ImmuneTesTR

longevity

Turn Back Time

Biological age and inflammaging analysis through immunoprofiling

Take Charge of Your Health

Speak with your clinician to understand the biological indicators that influence your body's defence capacity and ageing trajectory.

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These analyses are performed as part of an R&D service using advanced flow cytometry and cell-stimulation technologies.



How does the process work?

How do we assess your biological age?

1

A small blood sample collected through your clinician is delivered to our laboratory together with your clinical information.

2

Within ImmuneTesTR - longevity, more than 40 parameters assessing immune-cell memory, activation and functional capacity are analysed using flow cytometry and cell-stimulation methods.

3

A detailed report describing your immune-fitness level and risk profile is provided to your clinician.

Why Do Some People Age Faster?

Have you ever wondered why one person of the same age appears energetic and healthy while another becomes ill more often? Much of the answer lies in the immune system's history. Past infections, stress, diet and lifestyle leave lasting traces on immunity. We call this accumulated record the immune biography. It helps determine whether biological age runs ahead of or behind chronological age.

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What is Immunoprofiling?

A Cellular-Level Health Check

Immunoprofiling differs from conventional blood testing: it examines not just cell numbers, but how healthy and functional the cells are. It asks:

- Is a hidden inflammatory process (inflammaging) accelerating ageing?
- Is defence capacity against new infections adequate?
- Is the immune system resilient, or showing signs of exhaustion?

What Does Your Report Show?

Critical Data for Your Health Investment

- Inflammaging risk: The degree of chronic inflammation that may erode health and predispose to chronic disease.
- Defence reserve (naive cells): The immune system's capacity to respond to new threats.
- Cellular functional capacity: How effectively immune cells perform their roles.

Conclusion

These biological data can help you and your clinician plan lifestyle changes, nutritional strategies and supportive approaches more intelligently.