ImmuneTesTR

oncology

How Is Your Immune System Performing in the Fight Against Cancer?

Assessment of treatment response and immune-resistance mechanisms through immunoprofiling

bioart

Take Control

Consult your clinician to assess the state of your immune system during treatment, monitor its response to therapy and evaluate recurrence risk from an immunological perspective. Support recovery with scientific data.

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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 is the cellular analysis performed?

1

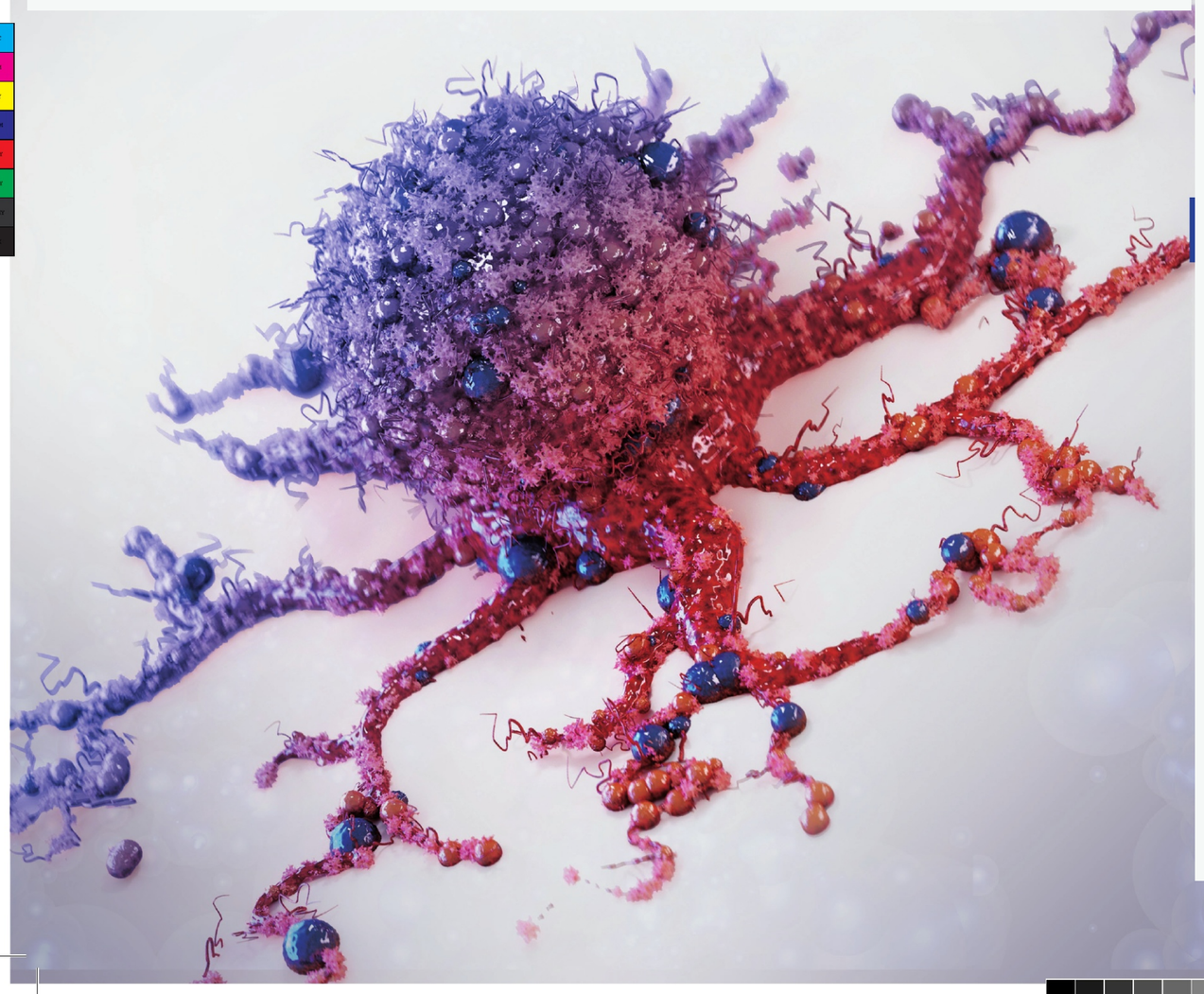
A routine blood sample collected by your clinician, together with a referral form containing your clinical information, is delivered to our laboratory.

2

Samples are analysed against disease-specific cellular parameters using flow cytometry and cell-stimulation methods. The ImmuneTesTR - oncology panel profiles T lymphocytes, natural killer cells, monocytes and neutrophil subsets, including recognition capacity, functional capacity and exhaustion markers. More than 40 cellular and secreted molecular markers are assessed.

3

A detailed report describing the current state of your immune system is provided to your clinician.



The Unseen Hero of Treatment

Chemotherapy, radiotherapy and targeted medicines are used in cancer care. An active, balanced immune system is critical to the effectiveness of these treatments. Can your immune cells distinguish malignant cells? Have they lost function after a prolonged struggle?

What is Immunoprofiling?

Insight into How the Battle Is Progressing

This advanced blood analysis shows not only the number of immune cells, but how effectively they function. It addresses questions not answered by standard blood tests:

- Are cells active, or do they display signs of functional exhaustion?
- Can cytotoxic effector cells recognise malignant cells?
- Are memory cells sufficient to provide long-term protection?

What Does This Test Tell You?

Biological Data That Illuminate Treatment

- Recognition capacity: Can immune cells recognise malignant cells and mount a response?
- Functional exhaustion: Signs of effector-cell exhaustion can inform whether the treatment approach should be reviewed.
- Protection against recurrence: Are memory cells sufficient to help guard against disease recurrence after treatment?

Conclusion

These findings help your clinician evaluate your biological response to treatment and plan an appropriate strategy with the current state of your immune system in view.