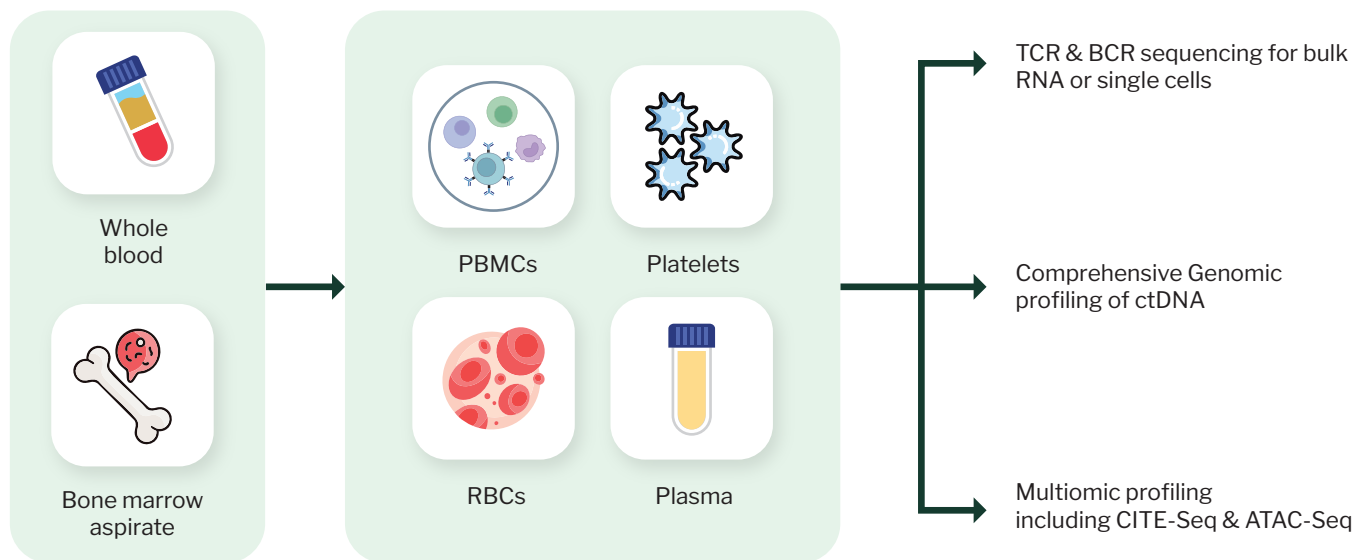
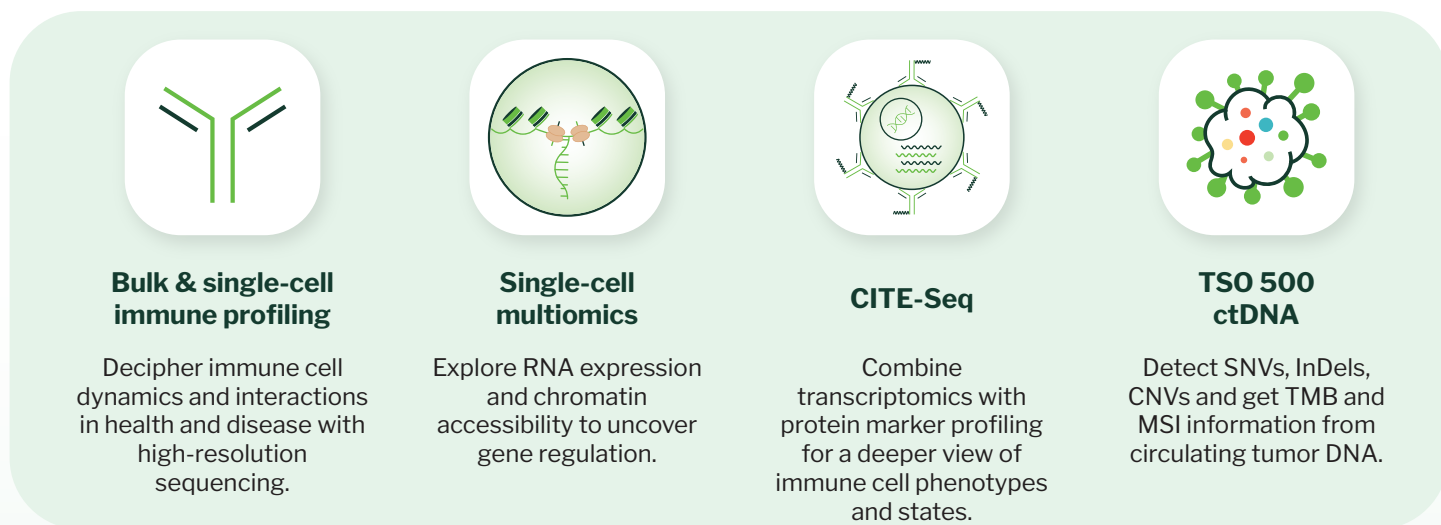


Empowering hematology discoveries with precision and depth

At Signios Bio, we empower hematology researchers with a full suite of cutting-edge technologies and expert-driven workflows, tailored to address the complexities of blood, immune system, and hematological malignancy studies. Whether you're studying immune cell dynamics, hematopoiesis, or blood-based biomarkers, our comprehensive services provide the tools you need to make impactful discoveries.





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Our robust bioinformatics capabilities ensure your data is transformed into meaningful results, ready for interpretation and publication.

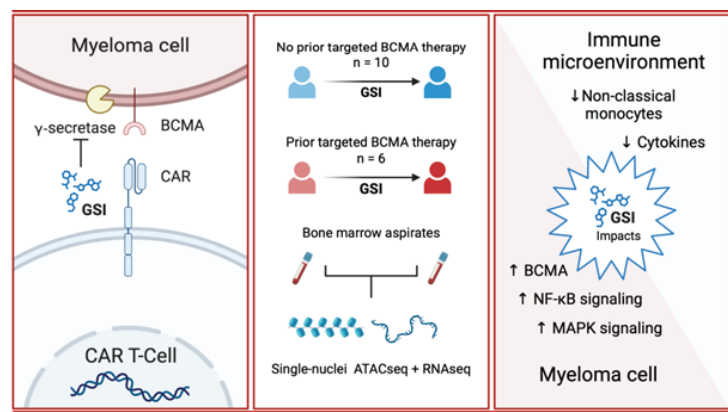
Cell type annotation	Pathway analysis	Multomics integration	Publication-ready outputs
Precisely identify immune and hematopoietic cell populations, including rare and transitional states.	Gain insights into critical signaling pathways driving immune responses, hematopoiesis, or disease progression.	Combine transcriptomic, epigenomic, and proteomic data for a comprehensive understanding of cellular mechanisms.	Receive high-quality figures, interactive visualizations, and detailed reports to streamline your research dissemination.

Why choose Signios Bio as your partner in hematology research?

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- Tailored solutions for hematology:** We design custom strategies to address the unique challenges of studying blood-based systems, including rare cell populations and complex microenvironments.
- Scalable services:** Whether you’re conducting exploratory research or large-scale studies, our workflows are designed to scale with your project’s scope.

Driving impactful discoveries

This study utilized single-nuclei RNA sequencing for bone marrow isolates, conducted by Signios Bio, to investigate the tumor microenvironment in patients with relapsed multiple myeloma undergoing gamma-secretase inhibitor (GSI) and CAR T-cell therapy. Results revealed significant effects of GSI on monocytes, altering gene expression and immune cell interactions, which may enhance the efficacy of BCMA-targeted therapies.



Coffey, David G *et al.* “Single-cell analysis of the multiple myeloma microenvironment after gamma-secretase inhibition and CAR T-cell therapy.” *Blood*, blood.2024025231. 7 Oct. 2024, doi:10.1182/blood.2024025231

Signios Bio’s hematology solutions have supported important research into hematopoiesis, immune cell biology, and hematological malignancies. By partnering with us, you gain access to state-of-the-art technologies and a collaborative team dedicated to advancing your research goals.

Let’s accelerate your hematology discoveries together.

