

What's Next?



Deep & durable remissions

"One-and-done" treatment

Personalized autologous product

Proven applicability

Evolving supportive care & toxicity management

Relatively limited engineering complexity

Acute toxicities

Persisting side effects

Manufacturing complexity

Limited scalability

Inherent product variability

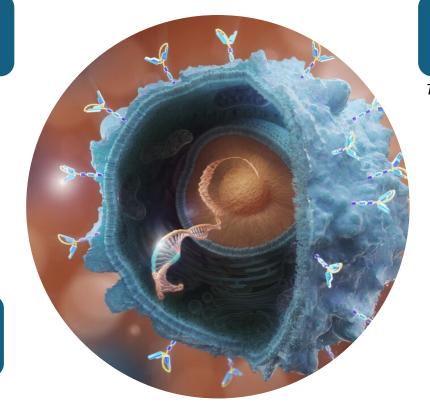
Access constraints

Logistical demands

Opportunities for innovation remain

Autologous CAR T-cells

Targeting surface proteins



TCR T-cells

Targeting intracellular proteins

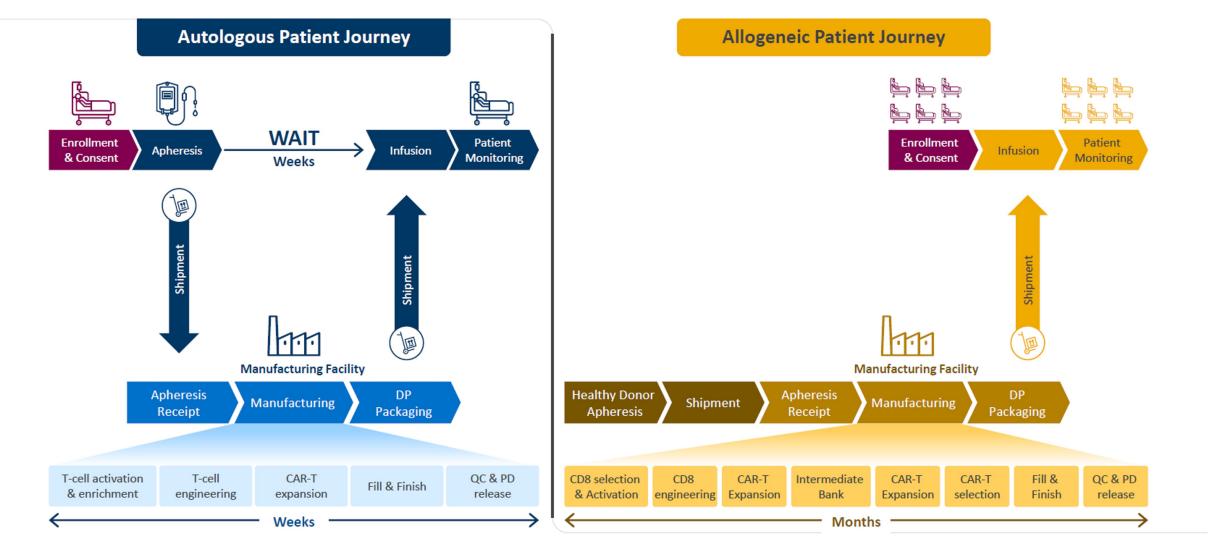
Allogenic CAR T-cells

Targeting surface proteins

CAR Tregs

In vivo Strategies

Allogeneic effector cells could improve scalability





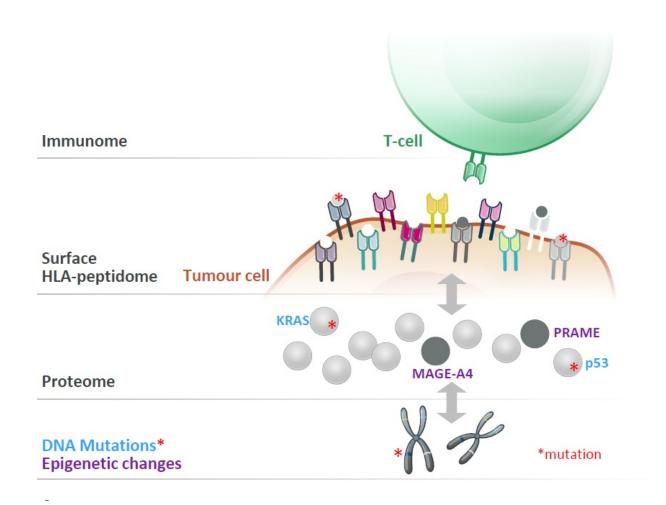
Caribou Biosciences Announces Positive Data from ANTLER Phase 1 Trial Demonstrating Efficacy and Durability of Vispa-cel (CB-010), an Allogeneic CAR-T Cell Therapy, on Par with Autologous CAR-T Cell Therapies

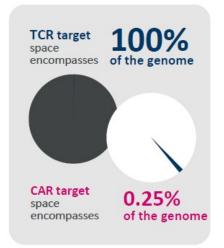
November 3, 2025

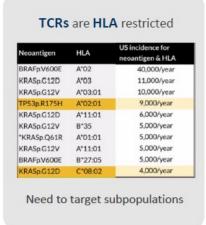


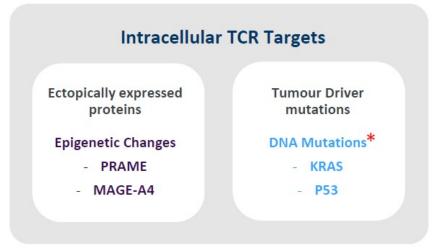
 Data demonstrate efficacy and durability of vispa-cel, an allogeneic anti-CD19 CAR-T cell therapy, are on par with autologous CAR-T cell therapies in the confirmatory cohort (N=22) and with longer-term follow-up on patients who received optimized vispa-cel (N=35)

TCR-T's – Beyond extracellular targets



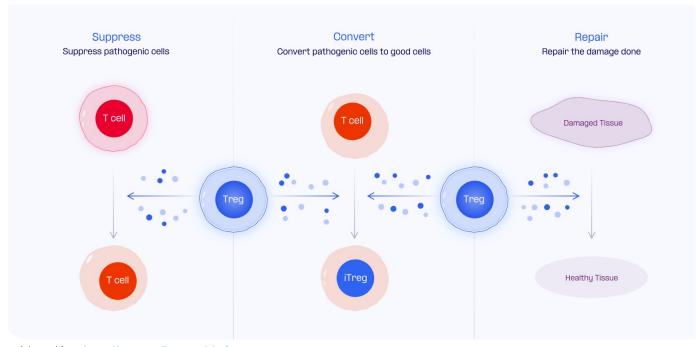






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Regulatory T-Cells as catalyst in non-oncology approaches?



Adopted from https://www.guell-tx.com/platform

Nobel Prize in Physiology or Medicine 2025



Ill. Niklas Elmehed © Nobel Prize Outreach

Mary E. Brunkow

Prize share: 1/3



Ill. Niklas Elmehed © Nobel Prize Outreach

Frederick J. Ramsdell

Prize share: 1/3



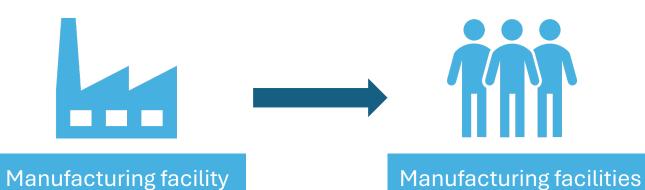
Ill. Niklas Elmehed © Nobel Prize Outreach

Shimon Sakaguchi

Prize share: 1/3

The Nobel Prize in Physiology or Medicine 2025 was awarded jointly to Mary E. Brunkow, Frederick J. Ramsdell and Shimon Sakaguchi "for their discoveries concerning peripheral immune tolerance"

In vivo constructed cell therapies – the new frontier?



EsoBiotec to Be Acquired by AstraZeneca to Advance Cell Therapy Ambition

Mar 17, 2025

EsoBiotec's ENaBL platform enables rapid, scalable cell therapy treatments, bypassing traditional complexities and making transformative therapies more accessible to patients.





Therapy Portfolio with Acquisition of Orbital Therapeutics

AUGUST 21, 2025 | PRESS RELEASE

Kite to Acquire Interius BioTherapeutics to Advance In Vivo Platform



https://interiusbio.com/press-release/kite-to-acquire-interius-biotherapeutics-to-advance-in-vivo-platform/https://www.abbvie.com/capstan-therapeutics.html

