CD4+ Naïve → T-helper Differentiation

- Th2
- Th1
- Th17

FOXP3+CD4+ → iTreg

- Th1
- Th2
- Th17

CD8+ Naïve → CD8+ Treg

MSC EFFECTS

- Reduced IL-4 and IL-13 production in Th2-dominated allergic and autoimmune disease. 6,33
- Th2 inhibition via Treg induction. 6
- Increased Th2 relative to Th1 and Th17 activity in non-Th2-dominated autoimmunity and allotransplant models. 4,18,21,34

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DISEASE RELEVANCE

- Allergic Asthma.
- Systemic Lupus Erythematosus.
- Chronic GvHD.
- Multiple Sclerosis.
- Type I Diabetes.
- Inflammatory Bowel Disease.
- Transplant Rejection.

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