

## Discovery Report

Patent: EVE-PAT-2026-001 | Organiq Sweden AB

## 1 · DISCOVERY

QUERY	Auto-scan: Interleukin-12 family signaling
COMPOUND	CATECHINS
DISCOVERY SCORE	156.977
ENGINE	DISCOVERY_v1.1
CORPUS VERSION	current
GENERATED	2026-05-20T02:00:03.359Z

## 2 · EVIDENCE

TARGETS	CA1, CA2, CA12, CA9, CA7, CA4, CA5B, CA5A, MAPT, POLK
PATHWAYS	Erythrocytes take up carbon dioxide and release oxygen, Erythrocytes take up oxygen and release carbon dioxide, Cytokine Signaling in Immune system, Metabolism, Reversible hydration of carbon dioxide, O2/CO2 exchange in erythrocytes, Immune System, Transport of small molecules
EVIDENCE SCORE	45.50
STUDIES	51

## X-VAULT EVIDENCE SEAL

SYSTEM	BiohacksAI   XVAULT_v1
DISCOVERY ID	DISC-catechins-20260520-0a9b290d
EVENT HASH	d0524857a9c5a519...bb0ec14e
CHAIN HASH	aa74d1f18bf07852...6b2e5be3
PREV HASH	621a7f95805fd416...ac8a25ad
CORPUS VERSION	current
CORPUS ROOT	NOT_AVAILABLE...AVAILABLE
VAULT INDEX	3119
SEALED AT (UTC)	2026-05-20T02:00:03.390Z

## · VERIFICATION

This document is cryptographically sealed by the BiohacksAI X-Vault Evidence Engine. The discovery payload hash and corpus Merkle root can be independently verified.

Verify at: [everified.com/verify](https://everified.com/verify)

Verification fingerprint: d0524857a9c5a519...bb0ec14e

