

# The Fundamentals Glossary

Essential Terms, Technologies & Institutions Shaping Human Health, the Biofield & AI Integration

## Section 1 — Core Vocabulary: The Foundations

Term	Definition
Biofield	The complex field of energy and information generated by and surrounding the human body.
Electromagnetic Field (EMF)	A physical field produced by electrically charged objects, including the body, Earth, and man-made devices.
Biophotons	Ultra-weak light emissions from living cells, carrying biological information.
Bioelectromagnetics	The study of how electromagnetic fields affect biological systems.
Qi / Prana / Spirit Currents	Ancient cultural terms for life-force energy flowing through the body.
Resonance	When one system vibrates at the same natural frequency as another, amplifying energy transfer.
Coherence	The state of harmony between biological systems and their surrounding environment.
Ions	Atoms or molecules with an electrical charge.
Molecules	Groups of bonded atoms forming the building blocks of life.
Mitochondria	The cell's powerhouse, generating energy in the form of ATP.
Neural Oscillations	Brainwave patterns generated by electrical activity in the nervous system.

## Section 2 — Technologies & Practices That Influence the Biofield

Technology / Practice	Description
EEG	Measures electrical activity in the brain.
EKG	Records the heart's electrical activity.
PEMF Therapy	Uses controlled EMFs to stimulate healing and reduce inflammation.
Reiki / Energy Healing	Practices believed to restore energy balance.
CRISPR Gene Editing	Biotech tool for rewriting DNA sequences.
Brain-Computer Interfaces (BCIs)	Devices enabling direct communication between the human brain and digital systems.
Internet of Things (IoT)	Billions of connected devices exchanging real-time data.
5G / 6G Networks	High-speed wireless systems powering modern tech ecosystems.
Biofeedback Devices	Tools measuring physiological activity for self-regulation.
DARPA's Neural Engineering Program	Research on manipulating neural circuits using electrical and optical stimulation.

## Section 3 — Key Players: Corporations, Agencies & Institutions

**Government Agencies:** DARPA, NASA, NIH, FCC, DoD, NSA.

**Tech Corporations:** Neuralink, Google DeepMind, Microsoft, OpenAI, Palantir.

**Biotech & Medical Innovators:** Boston Scientific, Medtronic, CRISPR Therapeutics, Editas Medicine.

The more you understand about your biofield, the better you can protect it. Join us as we uncover how energy, environment, and emerging technologies shape human health.