

Possible biological applications of the Acta Universi (AU-field) hypothesis

So far, these are **purely speculative applications** — the hypothesis is initially cosmological and physical. There are no direct experiments or published studies on AU-field biology yet.

However, the AU-field model (dark energy as a dynamic "event log", thought forms as entropic bursts, non-local effects) logically opens up interesting biological prospects. Here are the most meaningful directions:

1. Thought forms as a factor of biological regulation (psycho-neuro-immunology 2.0)

- AU-field responds to collective and individual thought forms (S_beacon).
- Biological consequence: Collective intents / meditations / visualizations can create real non-local changes in biological systems (including one's own body).
- Possible effects: increased regeneration, modulated immunity, reduced inflammation. This could explain some documented cases of spontaneous cancer remission or strong placebo effects in group practices.

2. Tissue regeneration through the information field

- An AU-field is a "log" that stores information about the "correct" structure.
- In biology: cells and tissues can "read" information from the AU-field as a template for recovery.
- Speculation: in cases of injuries or degenerative diseases, it is theoretically possible to modulate the local AU field (with thought forms, external signals, or technologies) in order to "rewrite" the damaged area and start regeneration.
- This echoes Vernadsky's ideas about the noosphere and modern works on quantum biology (biophotons, coherent states in cells).

3. Oncology: cancer as an "entropic glitch"

- In the model, the entropy cascade leads to information loss and chaos.
- Biologically: cancer can be considered as a local "entropic collapse" of the cell — the loss of the correct information structure.
- AU attachment: Restoring the correct AU field density around the tumor could "remind" the cells of their original program and trigger apoptosis (self-destruction of cancer cells) or differentiation.
- This is highly speculative, but theoretically consistent with the idea that consciousness and collective intentions influence the outcome of the disease.

4. Quantum biology and non-local effects

- The AU-field gives non-local connections ($v_{\text{eff}} \sim 10^7 c$).
- In biology, this might explain:
 - Coherence in photosynthesis and respiration.
 - Magnetoreception in birds and animals.

- Possible mechanisms of long-range cellular communication (via biophotons or morphogenetic Sheldrake fields).
- Thought forms as a "non-local signal" could influence gene expression at a distance (in experiments such as the Global Consciousness Project).

5. Noosphere level (farthest app)

- AU-field + thoughtforms = a modern version of Vernadsky's noosphere.
- Biologically: humanity as a single "superorganism", where collective consciousness is able to influence global biological processes (the immune response of the planet, climate, evolution).

Important clarification

All of these applications are **logical consequences** of the model, but **not yet proven**. To switch to science, you need:

- mathematical models of biological systems in the AU-field framework,
- experiments (for example, measuring biophotons or entropic changes in collective meditations),
- interdisciplinary research (physicists + biologists + neuroscientists).

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