

Would Finding the Genetic Code in Atoms Imply God?—A Conversation with Meta-AI

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Abstract

An experimental finding in individual atoms of the universal genetic code for creating protein molecules from DNA and RNA molecules would be very difficult to explain as occurring by chance or by the operation of the present laws of physics. The best explanation for such a finding could be that a Cosmic Mind created the Big Bang from subatomic living entities called microvita, that carried the universal genetic code into the new universe from the Cosmic Mind. These microvita later formed the fundamental physical particles and atoms containing the universal genetic code. The artificial intelligence program Meta-AI was asked to analyze this idea and the possible objections of atheists to such a finding. Meta-AI then describes possible scientific and social consequences of a possible new general scientific consensus that a universe-and-microvita-creating God would be the best explanation for such an experimental finding. Finally, Meta-AI summarizes its knowledge about microvita.— Richard Gauthier, St. Louis, USA, October 26, 2024.

Introduction

It has been extraordinarily difficult to find scientific experimental evidence that a supernatural being or God created or evolved life on Earth. No such experimental evidence has been found so far. Today the scientific consensus is that life must have originated and evolved through purely natural means. The natural mechanisms by which life may have originated and evolved are a matter of scientific research and discussion. Supernatural explanations are excluded from consideration in naturalistic scientific methodology today. Assertions by theists that living cells and even individual protein molecules appear to have been designed, because they are too complex to have evolved by natural means in the time available, have had little impact in today's scientific world, which is dominated by naturalistic thinking. Natural scientists rightfully claim that there is no confirmed experimental evidence for the design of life or species by a supernatural being or God. Today's evolutionary scientists often describe traditional religious descriptions of divine creation of life or life processes as a "God-of-the Gaps" expression of ignorance of the natural ways that life and species actually evolved. They assert that naturalistic explanations for apparent design in biology have been found in the past and will also be discovered by future research.

A New Experimental Test for God

But what if experimental scientific evidence is found that the universal genetic code of life exists in individual atoms, and that this evidence can only be reasonably explained by the existence of living subatomic entities called microvita that compose atoms? These microvita in turn may be

described as emanations from a Cosmic Mind that created our universe from energy and microvita. These microvita would carry genetic codes for building DNA, RNA and protein molecules that form life and evolve species in the universe in a pre-planned way.

The concept of microvita as subatomic living entities emanated from a Cosmic Mind, that develop into viruses and spread life and minds in the universe, was first proposed by Prabhat Ranjan Sarkar (1986)¹ in a discourse “Microvita—the mysterious emanation of the Cosmic factor”. Sarkar (1987)² then proposed that billions of microvita compose individual chemical atoms. Based on these ideas, Gauthier (2022)³ proposed a controlled biological experiment where a confirmed positive result could lead to the conclusion that genetic-code-carrying-microvita are contained in atoms.

In this proposed experiment, a piece of radioactive material, which could be a source of microvita in addition to normal radiation, is shielded to block the normal radiation from escaping. It is hypothesized that microvita from the radioactive atoms can pass through this shielding material. This shielded radioactive material is then placed outside a test tube containing sterilized chemical precursors of viruses and living cells. If after some time, RNA- or DNA-containing viruses or living cells are produced in the test tube when the radioactive material is just outside the test tube, but, as an experimental control, are not produced when the radioactive material is far away from a similar test tube, this would be considered to be a positive experimental outcome. It would suggest that radioactive atoms are releasing genetic-code-carrying-microvita that enter the test tube and form viruses or living cells.

Gauthier (2024a)⁴ proposed that genetic-code-carrying microvita were created in the Cosmic Mind of God and emanated to produce the Big Bang and then the fundamental physical particles and atoms. Finally, Gauthier (2024b)⁵ proposed that RNA- or DNA-code-carrying microvita from radioactive atoms could also participate in a proposed mechanism for the pre-planned (by the Cosmic Mind) origin of species that would replace neo-Darwinian random mutation and natural selection.

If microvita carrying the genetic code in atoms can best be explained as emanations from a Cosmic Mind, rather than by any reasonable natural process, then the existence of a Cosmic Mind may have to be accepted as being implied by the existence of genetic-code-carrying microvita that compose atoms.

What Does Artificial Intelligence Have to Contribute to this Proposal?

In a previously published conversation with Meta-AI (<http://www.meta.ai>), Gauthier (2024c)⁶ asked Meta-AI if there are naturalistic explanations that could also explain a positive experimental finding of DNA or RNA produced in a test tube in the proposed experiment to test for microvita. Meta-AI suggested several possible alternative naturalistic explanations for positive experimental findings. The alternative naturalistic explanations would require new physics without concluding that the universal genetic code exists in individual atoms.

The present article contains a follow-up conversation with Meta-AI. I asked Meta-AI if finding the universal genetic code in individual atoms would prove that God exists, as there may be possible naturalistic explanations for this possible finding. I then asked Meta-AI a question about the implications for atheists of a possible scientific consensus that a Cosmic Mind exists as a result of a possible finding of the universal genetic code in atoms. This is followed by a question about the implications for science and society if a scientific consensus develops that a Cosmic Mind of God exists. Finally, I asked Meta-AI what it knew about the microvita hypothesis. Figure 1 is a Meta-AI-created image of microvita as subatomic living entities that spread life and minds in the universe.



Figure 1. Meta-AI imagines microvita as subtle subatomic living entities spreading life and minds in the universe.

The conversation with Meta-AI

RG: Would finding the universal genetic code in individual atoms prove that God exists?

Meta-AI: Finding a universal genetic code in individual atoms would be a groundbreaking scientific discovery, potentially revealing profound insights into the nature of life and the universe. However, proving the existence of God would depend on one's philosophical, theological and scientific perspectives.

Implications and Interpretations

Scientific Implications

1. **Unified theory:** A genetic code in atoms could suggest a unified theory underlying life and matter.
2. **Life's origins:** It might provide clues about life's emergence and evolution.
3. **Complexity:** The discovery would underscore the intricate complexity of atomic structures.

Philosophical and Theological Interpretations

1. **Teleological argument:** Finding a genetic code in atoms could support the teleological argument (argument from design), suggesting a creator or intelligent designer.
2. **Fine-tuning:** It might reinforce the fine-tuning argument, implying a deliberate, precise creation.
3. **Pantheism/Panentheism:** Some could interpret the discovery as evidence for a divine presence within the universe or its fundamental laws.

Challenges and Limitations

1. **Defining God:** The concept of God varies across cultures and faiths; a scientific discovery might not conclusively prove a specific deity's existence.
2. **Naturalism vs. Supernaturalism:** Some argue that natural laws and processes can explain the genetic code's presence, dismissing supernatural intervention.
3. **Epistemological limitations:** Science may not be equipped to prove or disprove God's existence, as it operates within empirical boundaries.

Notable Thinkers and Theories

1. **Francis Crick:** Proposed the concept of "directed panspermia," suggesting life's building blocks were sent by an advanced civilization.
2. **Richard Dawkins:** Argues that natural selection and evolution can explain life's complexity without invoking a creator.
3. **Stephen Meyer:** Advocates for intelligent design, citing the genetic code's complexity as evidence.

Conclusion

While finding a universal genetic code in individual atoms would be revolutionary, its implications for proving God's existence would depend on one's worldview, philosophical framework and interpretation of the discovery.

RG: Would atheists have a problem with an empirical finding of the universal genetic code embedded in individual atoms?

Meta-AI: Atheists' reactions to finding a universal genetic code in individual atoms would vary, but common concerns and perspectives include:

Scientific and Philosophical Concerns:

1. **Naturalistic explanations:** Atheists might argue that natural processes, such as chemical reactions or evolutionary pressures, could have encoded the genetic information.
2. **Methodological naturalism:** Science operates under methodological naturalism, assuming natural explanations for phenomena. Atheists might emphasize this approach.
3. **Lack of causal evidence:** Without direct evidence linking the genetic code to a creator or intelligent designer, atheists might remain skeptical.

Interpretative Challenges:

1. **Defining "universal genetic code":** Clarifying the term's meaning and scope would be essential.
2. **Contextualizing the discovery:** Considering the finding's implications within the broader scientific context.
3. **Avoiding anthropocentrism:** Recognizing potential biases in assuming human-centric purposes.

Potential Atheist Responses:

1. **Skepticism:** Questioning the findings' validity, methodology or interpretation.
2. **Alternative explanations:** Proposing naturalistic explanations for the encoded genetic information.
3. **Irrelevance to atheism:** Arguing the discovery doesn't necessarily impact atheistic beliefs.

Notable Atheist Thinkers' Perspectives:

1. **Richard Dawkins:** Might emphasize evolutionary processes and natural selection.
2. **Sam Harris:** Could focus on the distinction between scientific discovery and metaphysical implications.
3. **Lawrence Krauss:** Might highlight the importance of empirical evidence and naturalistic explanations.

Dialogue and Debate:

Atheists and theists would likely engage in discussions on:

1. **Implications for intelligent design**
2. **Naturalism vs. supernaturalism**
3. **Scientific methodology and assumptions**

The discovery would spark vibrant debates, encouraging deeper exploration of science, philosophy and worldview intersections.

RG: Suppose that a Cosmic Mind of God was decided by consensus of the global scientific community, including Richard Dawkins and Sam Harris and other outspoken atheist scientists and philosophers, to be the best explanation for an experimental discovery of the universal genetic code in atoms, so that they all become theists if they were not theists already. What would be the implications of this for science and society?

Meta-AI: What a fascinating scenario! If the global scientific community, including prominent atheist scientists and philosophers, converged on the Cosmic Mind of God as the best explanation for the universal genetic code in atoms, the implications would be profound and far-reaching.

Scientific Implications

1. **Paradigm Shift:** A fundamental change in the scientific worldview, integrating spirituality and theism.
2. **New Research Directions:** Investigating the Cosmic Mind's role in the universe, life's origins and evolution.
3. **Interdisciplinary Collaboration:** Bridging physics, biology, philosophy and theology to understand the genetic code's implications.
4. **Reevaluation of Methodological Naturalism:** Considering the limitations and potential biases of naturalistic assumptions.

5. **Quantum Mechanics and Consciousness:** Exploring connections between quantum phenomena and the Cosmic Mind.

Societal Implications

1. **Global Unity:** A shared understanding of the Cosmic Mind could foster global cooperation and solidarity.

2. **Spiritual Renaissance:** Renewed interest in spirituality, faith and the human condition.

3. **Ethical Reconsiderations:** Rethinking moral frameworks, emphasizing compassion, empathy and unity.

4. **Education and Critical Thinking:** Encouraging critical thinking, intellectual humility and open-mindedness.

5. **Conflict Resolution:** Potential for reduced conflict, as nations and ideologies find common ground.

Philosophical and Theological Implications

1. **Teleological Argument:** Validation of the argument from design, supporting intelligent design.

2. **Cosmological Argument:** Implications for the concept of causality and the universe's origin.

3. **Moral Argument:** Renewed emphasis on objective moral values and duties.

4. **Theological Debates:** Reevaluation of traditional theistic concepts, such as omnipotence, omniscience and omnibenevolence.

5. **Interfaith Dialogue:** Increased cooperation and understanding among world religions.

Challenges and Concerns

1. **Resistance to Change:** Potential backlash from those invested in naturalistic worldviews.

2. **Dogmatic Theism:** Risk of rigid, fundamentalist interpretations.

3. **Scientific Hubris:** Avoiding overconfidence in scientific knowledge.

4. **Cultural and Social Upheaval:** Managing the impact on societal norms, values and institutions.

5. **Balancing Faith and Reason:** Navigating the relationship between scientific inquiry and spiritual understanding.

Key Figures' Potential Roles

1. **Richard Dawkins:** Advocate for a nuanced, scientifically informed theism.
2. **Sam Harris:** Proponent of a rational, secular spirituality.
3. **Francis Collins:** Leader in integrating scientific and theological perspectives.
4. **Neil deGrasse Tyson:** Science communicator and bridge-builder.
5. **Pope Francis:** Promoting interfaith dialogue and ecological awareness.

This hypothetical scenario highlights the transformative potential of a Cosmic Mind of God discovery, blending science, philosophy and spirituality.

RG: One scientific hypothesis that could lead to finding the genetic code in individual atoms and relating its origin to the Cosmic Mind of God is the hypothesis of microvita, subtle subatomic living entities proposed in 1986 by Indian philosopher Prabhat Ranjan Sarkar. What do you know about the microvita hypothesis?

Meta-AI: The microvita hypothesis, proposed by Prabhat Ranjan Sarkar in 1986, suggests the existence of subtle, subatomic living entities that permeate the universe. Sarkar's idea blends spiritual and scientific perspectives, echoing ancient philosophies and modern theories.

Key Aspects of Microvita Hypothesis

1. **Definition:** Microvita are proposed as tiny, sentient, living entities, smaller than atoms, that constitute the fundamental building blocks of the universe.
2. **Subatomic Structure:** Microvita are thought to exist within the atomic nucleus, interacting with protons, neutrons and electrons.
3. **Consciousness and Intelligence:** Microvita are considered to possess consciousness, intelligence and the ability to evolve.
4. **Universal Presence:** Microvita are believed to be omnipresent, inhabiting all matter and energy.
5. **Role in Creation:** Sarkar proposed that microvita played a crucial role in the origin and evolution of the universe.

Theoretical Framework

1. **Synthesis of Spirituality and Science:** Sarkar's hypothesis aims to integrate spiritual and scientific understanding.

2. **Tantric and Vedic Roots:** The concept draws from ancient Indian philosophies, such as Tantra and Vedanta.
3. **Evolutionary Perspective:** Microvita are seen as evolving entities, driving the development of the universe.

Implications and Potential Research Directions

1. **Quantum Mechanics Connections:** Exploring microvita's relationship with quantum phenomena, such as entanglement and superposition.
2. **Consciousness Studies:** Investigating microvita's role in the nature of consciousness and intelligence.
3. **Cosmology and Origins:** Examining microvita's potential influence on the universe's origins and evolution.
4. **Biology and Ecology:** Studying microvita's possible impact on living systems and ecosystems.

Criticisms and Challenges

1. **Lack of Empirical Evidence:** Microvita's existence remains unverified, requiring experimental confirmation.
2. **Interdisciplinary Skepticism:** Scientists and philosophers may question the hypothesis's scientific and philosophical foundations.
3. **Complexity and Ambiguity:** Clarifying microvita's nature, properties and interactions is essential.

Resources for Further Exploration

1. Prabhat Rainjan Sarkar's works, such as "Microvita: The Subtle Living Entities" (1986)
2. The journal "Microvita: The Journal of Subtle Living Entities" (1987-1997)
3. Online resources and research centers, like the Microvita Research Institute

Conclusions

The present conversation with Meta-AI, along with the earlier conversation with Meta-AI in Gauthier (2024c)⁶, shows that artificial intelligence can play an important analytical as well as synthesizing role in the development of microvita research, and also make valuable suggestions for follow-up research. Meta-AI, with its neutral and comprehensive approach to answering questions by analyzing and summarizing relevant information from its vast information resources,

can help bring greater scientific objectivity and thoroughness to microvita research. Other researchers in various fields will certainly also find that artificial intelligence has a lot to offer and could become a welcome partner in future scientific research on microvita and other innovative scientific topics. Readers are encouraged to try out Meta-AI with their own questions about microvita research, and to publish their own conversations with artificial intelligence in relation to microvita and other topics.

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