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God is Dead, Long Live DNA

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Science was created in an effort of people to survive in given circumstances and to explain their existence to themselves, mainly by proving that God is the creator of all life¹. Today we know that all living things have a common denominator, DNA. Without DNA there is no life. All life forms, i.e. substantive content of life, can be broken down into individual components and their functions, which will ultimately always lead us to DNA molecule. Therefore, we undoubtedly know that all life is based on a code written in DNA molecule.

Philosophy and science, which stand even nowadays between God and DNA, must ultimately take their stand regarding the arguable fact that all living things on earth are what they are exclusively because of a code written in DNA molecule. How DNA was created, when and under which conditions, whether it came from somewhere, how the first molecules of living things were organized and put into interaction with it, whether there are some other relations, some active spaces unknown to us or different interrelationship of operation of certain laws or their interaction with given circumstances, we still do not know today. However, we quite certainly and reliably know that DNA in living things has been decoded at the molecular level, by the determinant "how":

- how it was built and from which molecules DNA is made of;
- how DNA strands are built, how they are divided and how they are matched;
- how genes are determined, what they encode and how many genes DNA consists of;
- how DNA code is being transcribed and how protein synthesis is coded i.e. how the molecular structure of a living thing is created etc.

¹ Each member of a particular religious community believes that it is nothing but his God, or deity he believes in.

Hence, all questions in natural sciences to which we obtain concrete and verifiable answers are related to the question HOW? How DNA does it and how provable something is. However, there is not even one question or answer as to WHY? Why DNA does it?

So, we know the whole DNA structure, we can control it, we can change it, we can synthesize it in a laboratory and build completely new combinations of base pairs, i.e. completely new genes. Hence, through DNA we are able to create completely new life forms, which do not exist in a given space and time (Man becomes a creator, changes the existing and produces new forms of life).

However, we must not forget that behind all this cognition stands the very DNA, namely our own DNA. The DNA which forms and controls our life and ourselves? We can ask ourselves also "whether this DNA is finally aware of itself". It indirectly adjusts itself to a given space and time and creates new codes for which we believe to be our invention, our knowledge and our necessity, however beyond it there is quite a specific DNA standing on, our own DNA, by which we are what we are in material existence. Therefore, before opening any question that may tend to cast doubt over the above findings on whatever terms, the following question should be dealt with primarily: "Are a thought, an intellect and cognition in any way associated with the material things, i.e. with a DNA material code"?

Without any doubt we know that life forms of people are determined by a personal structure of a DNA code, i.e. that all material life manifestations of all living things are given in the overall DNA code. Hence, it is beyond any doubt that in material manifestation of living things, the following relation has been established: specific DNA = specific material form of life = control of all physiological processes of living things = reproduction and sustainability of the material and functional organisation of living things = material basis for the intellect (lat. *intellectus*, *spiritus*) i.e. material basis of self-realization.

Therefore, it is clear that with regards to DNA, we have no answers to the questions with determinant WHY? Why something is inorganic, and yet why the same inorganic arranged in a different way in a living thing becomes organic, or perhaps why the same organic in an interaction with DNA becomes alive? It is clear that we do not have answers to many questions regarding DNA, but a fundamental cognition that is not brought in question is that life in our space and time functions on the basis of a genetic code written into DNA, and finally that the DNA constitutes material basis by which it indirectly "perceives itself", all in the function of carrying and transmitting a DNA code, i.e. carrying and transmitting codes of material life.

Hereby, the unequivocal statement is given as follows: "DNA is a tool of living things by which a living thing perceives itself and finds a way to adapt itself as well as to transform and create new forms of life by adapting and transforming itself, i.e. by means of a new DNA coding in line with the given space and time". Namely, DNA, besides carrying and transmitting the code of material life in general, is also a tool which serves to indirectly control the evolution of living things. This opens the question as to what the final goal of evolution is. Whether it is an intellect, the mind or something closely-related to them? Can this mean that living things perceive themselves for the purpose of their own sustainability and transmission of the life code i.e. the self-preservation of DNA in a given space and time. It is also clear to us that there is a real possibility for the transmission of a life code far beyond these two constraints.

Previous questions and statements on DNA molecule do not give DNA any divine attribute nor is it thought to be a tool of any kind of supernatural force or a creation of intelligence outside its molecular determination and the like.

DNA simply encodes all the properties and all material manifestation of life, and all living creatures, including humans. That is a fact, just like it is a fact that DNA is material, i.e. that it is built from molecules known to us and that nothing with regards to this fact is doubtful any more today. What further cognition may and should the unquestionable acceptance of this knowledge bring us, it is impossible to say precisely at this point. However, this leads us to re-opening questions of general field theory, or the issue of energy instability in the structure of the matter. This is the issue of stabilizing the energy of a whole in the structure of matter (atoms) and complex units afterwards i.e. molecules as an energy stabilization of atoms in different interactions, or energy stabilization of polarity of molecules in a given space and time. And so on in terms of the structural and functional organisation of matter itself.

Questions as to whether and when molecules are alive, whether life is a property of matter, which erase conceptual boundaries between organic and inorganic molecules in the creation of living things (Mičić, 2012), as well as the issue regarding the creation of the first forms of life, simultaneously with DNA or through interaction with molecules that preceded DNA molecule etc. are not issues that in any way question the statement that material life is the association of molecules which have a structural and functional viability in given circumstances, the viability of a life by transmitting the molecular code of life, which is the DNA in a given space and time.

Whether God is dead (how and why?) and whether DNA is alive (how and why?), are questions without a decisive answer.

Nonetheless, the theory of relativity teaches us that both God and DNA are animate and inanimate, that it is just a question of how they are perceived (how rules are formed in a fuzzy inference²).

Instead of conclusions, hereby it is stated that philosophy through its relation towards God, and consistently through religion and idealism, ran away from the material essentials of the living (DNA), and then the philosophy of materialism vulgarized the relationship between the matter and the intellect (vulgar materialism³). Here, a question of philosophical definition of material life, as well as all living things which existence and material basis is related to DNA molecule is being raised. Finally, science should enable the discussion on perceiving life as a property of matter, just like movement and energy are (Mičić, 2012).

Therefore, why are all living things actually the DNA? Why life is an association of molecules organized in accordance with the stabilization of energy at an elementary level and sustainability versus entropy? Finally, philosophy and science should enable discussion on the questions like how something happens towards answering the question as to why something happens.

References

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² Escape from yes/no conclusions to conclusions in which statements can have different degree of membership i.e. truth values (true to some degree from 0 to 1 and *vice versa*).

³ Paul–Henri Thiry, Baron d'Holbach (1723 – 1789), French philosopher.