

## ***Abstract***

The point of the paper is to compare the provision and some basic principals of the legal code accounting for human as a biological entity and a bunch of molecules assembled and functioning according to certain laws as a chemical entity, with biological rules. Laws as a social phenomenon affecting human by written and spoken language through the second signal system and sensory organs serves like certain chemical substances, e.g. pheromones, to coordinate specimen in their interactions with one another and with the society as a whole. For this reason it appears as a part of a biological signaling principal on the highest level. According to hierarchy principal should be this signalization in harmony with the lower level signalization or the level of individual organs, tissues and cells. Should it be otherwise, an unbalance occurs with all the results it implies.

Should the law be a part of the hierarchy of biological signalization, the natural law theory, saying human is born with rights, that can only be recognized and described, can hardly be accepted. This recognizing and describing can is actually not only purely subjective opinion of the descriptor depending on the creation functional brain paths. Moreover, this ability is determined by the genetics and as such is very individual and is also derived from the particular social situation. If the human rights and the law as a whole are one of the foundations of democratic rule of law, these foundations should be from the scientific point of view unquestionable, otherwise there is a chance of its instability. So for securing the society and its functioning is mandatory to create stable construct of relationships in the society in accordance to the laws of nature.

The current legal code in our field is built on the foundations made of subjective laws. These manifest biologically as interneural connections in each of us and consequently, they are created differently almost every time, since there are orders of magnitude more connections in our central nervous systém than individuals creating these connections. Therefore even our subjective perception of the objective law (signalization of the society to the individuals) is different and must be moderated by authorities, which are nothing more than another differently created systems of subjective laws. Our weakness is even the fact that we possess the second signal system

and term-oriented thinking and this unlike others organisms, we not are governed by chemical impulses but mainly language, be it written or spoken. Therefore it is possible for even a somehow defective organism to create signals and to be able to force us respond to such defective signals, which is less probable with a defective chemical signal.

With that comes entropy as a factor getting decreased by every unbalance in the system bringing the need for more energy (money) for securing stability and at the same time it is increasing the vulnerability of the system. Also liberty, its format and measure affects entropy of the society as a system. Unbalance and disharmony of the natural and the social, meaning society's laws conflicting with the natural laws is probably supported even by some negative effects, which worsen and even threaten the core existence of a specimen and maybe even the species as a whole. These negative effects can be observed especially in the last decades. Law, lawyers and politicians should in their activities respect the biological sense of a human.