



VOLUME 4 SUPPLEMENT ISSUE, SEPTEMBER 2012
www.elsevier.com/eujim

ISSN 1876-3820

European Journal of **INTEGRATIVE MEDICINE**

Abstracts

**5th European Congress
for Integrative Medicine**

21–22 September 2012, Florence, Italy



Na ovom kongresu prihvaćena su dva rada za oralnu prezentaciju čiji su kratki sadržaji na sledećim stranicama. Napominjemo da će biti u celosti prikazani u sajtu

Magnetic and variable magnetic fields as the cause of malignant neoplasm origin and development

Trifunovic Nikola¹, Komatina Snezana²

¹ *Serbian Association for Integrative Medicine, Geophysical Engineer, Belgrade*

² *Faculty for Living Environment Protection, Belgrade, Serbia*

After more than 23 years of research on the causes of malignant diseases, it is possible to provide an explanation of how these diseases may have originated. A history about how geophysicists became engaged in the origin of cancer research is described. The realisation that cancer is an uncontrolled division of cells and that it produces an invasive creation expanding at the expense of normal tissues poses the question as to how to solve the lack of clarity concerning somatic cell division, that is, how and why does a mother cell divide into two baby cells and what is the promoter of this division. The study of procaryotic and eukaryotic cell division has shown that the Earth's magnetic field (EMF) is the promoter and carrier of both kinds of cell division and the molecules' magnetic properties (enabled by temperature characteristics) are decisive elements in DNA replication and RNA transcription. The above statement results from the knowledge of structural construction of elements and molecules, theory of electron valence and additive property of molecules' magnetic susceptibility. It is known that magnetic and electromagnetic forces are predominant in the biosphere, that is, everything acts on the basis of the laws of macro-EMF and micro- magnetic and electromagnetic forces in macromolecules as well as in cells. The explanation of bacterial division is given, as well as of the division of a mother cell into two baby cells. These explanations are a scientific interpretation based on the knowledge about EMF and molecules' magnetic properties as the constructing elements of bacteria and cells. The most part of previously unexplained facts in connection with procaryotes and eukaryotes division is given. Polymorphism of cells is the product of EMF. This statement is based on crossing over, which has been defined as a genetic material exchange on neighbouring chromatides in the North–South and East–West direction. Thus, it becomes clear that it is due to the EMF forces. This work explains the transportation of various substances through a cell membrane, a process that takes place due to molecules' magnetic properties. It is known that all cells of a somatic organism have characteristic magnetisation—proved by magnetic resonance. Artificial magnetic fields may be the cause of the origin and development of tumour tissues; our further work will present firm proof.