

Joint Conference

International Conference on

ENVIRONMENTAL MICROBIOLOGY AND MICROBIAL ECOLOGY

&

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The effect of the biological life and man-kind on the Earth (mainly between 1778 and 2015)**Béla Ralovich**

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Components and events of the timeless and endless Universe are consequences of permanent flow of energy, that is substance under the direction of laws of eternal Nature which will never be totally known by man kind. All components of the Universe have lived their own anorganic life in accordance with the energetical/substantial processes of Nature. The life of our Earth is exceptional because of the presence of biological life. The biological life is a biological phenomenon of a living unit which lasts till the death of it. The living unit is a substantial matrix which is bordered by permeable membrane/wall. Inside the unit and through its membrane/wall an active organized and directed energy/substance transport flows which can only exist when the environmental circumstances are in accordance with the life requirements of the unit. Now it seems that the living unit is only present in the Bio-sphere of our Earth which is a closed system for it. The living unit has been affected by the outside effects and it can accommodate to those between the borders of its life requirements. In the same time it influences on its environment, too. In the case of any kind of closed systems it is obligatory permanently to ensure the specific life conditions which are necessary for a continuous biological life and reproduction. It seems that both the appearance of biological life and mainly that of man kind have caused fundamental effects on the Earth in consequence of which different periods and ages have been formed on it. It is necessary to know about these periods and ages because each of them had/have special energetic and substantial processes which had/have serious biological importance. Now we shall deal with only the latest age of the third period which has started in 1778.

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