

Horizontal exchange of biological information and genesis of adaptive immune system

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ABSTRACT:

Multicellular organisms have never evolved alone. Coevolution has been accomplished by means of horizontal information transition. A wide row of hierarchized interspecies interactions simultaneously transmitting biological information had evolved in the past. In the present review, we summarize the current hypothesis about possible horizontal exchange of biological information and genesis of adaptive immune system.

Keywords:

Evolution, Genes, Bacteria, Vertebrates