Avaliação do Efeito de Ultradiluições de Lipopolissacarídeo (LPS) Preparadas de Acordo com a Farmacotécnica Homeopática sobre a Ativação de Células Dendríticas Diferenciadas in Vitro

Evaluation of the Effect of Lipopolysaccharide Ultradiluted Prepared According to Homeopathic Farmacotechnics on the Maturation of Dendritic Cells in Vitro

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Homeopathy, conceived by Samuel Hahnemann from objective and systematic research of the pharmacologic action of the drugs on the healthy, demands that to be used as medicines, these substances must suffer a process of successive dilutions followed by succussions in order to neutralize the toxic effect and to liberate its potential dressing. Generally, after using homeopathic medicines, a systemic improvement can be observed and this phenomenon may be due to immunologic system stimulation. The beginning of the immune response depends on the dendritic cells that capture, process and present antigenic fragments of cells of the immune system. This project intends to evaluate the effects of lipopolysaccharide ultradiluted in maturation of the DC in vitro. The effects of homeopathic solution will be studded in cells, which will facilitate an analysis and interpretation of the results, in the search for the mechanism of action of such solutions.