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ENHANCEMENT OF IMMUNE RESPONSE INVOLVES EXTRACT FROM SALSOLA LARICIFOLIA INDUCED ACTIVITIES ON CYTOTOXIC T LYMPHOCYTES IN VIVO

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This research is aimed to develop the methods that will eventually allow the screening evaluation of functional medicinal herb extracts enhance cell mediated immunity and against groups of cell line panels which contain multiple and representative hybridoma cell lines.

Our model which stimulated antigen presenting cells (APC) with secretion of Major Histocompatibility Complex (MHC)-I, II helps us for further study of immune effective medicinal herbs (Salsola Laricifolia.L) to spread a broad spectrum on innate immunity and T cell related mechanisms such as activation of CD4, CD8 and biological important cytokines, mediators. As current research, this study demonstrates that these herbal extracts exert their biological effect either through cytotoxic or immune modulating mechanisms and one of most active compounds responsible for the immune effects of herbal products.



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