

IMMUNOPHARMACOLOGICAL PROPERTIES OF RES-1080 *IN VITRO*

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Summary: The immunological properties of RES-1080, a pharmaceutical product obtained from horses hyperimmunized against reticulo-endothelial homogenate have been studied. RES-1080 was found to be capable of stimulating IL-1 from MNC, and of blocking OKT3-mediated mononuclear cell and T cell activation. These effects were accompanied by synthesis of cyclic GMP. RES-1080 activity was detected in the IgG-rich reaction from a DEAE column. The authors suggest that RES-1080 IgG interact on the one hand with monocytes (Fc receptor?) and on the other with T cells (T3 receptor or OKT3?); the stimulation of the former would result in IL-1 production and blocking of the latter in inhibition of T cell activation. This hypothesis could be relevant in explaining the immunomodulatory potential of RES-1080.