



IMMUNOMODULATING PROPERTIES OF A BIOLOGICAL PRODUCT BASED ON HORSE PLACENTA

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ABSTRACT:

Currently, a fairly wide range of studies is devoted to studying the possibilities of using placenta extracts obtained by lysis of human placental tissues, sheep, goats, cattle and horses in medicine.

Based on these data, purpose to our study was to explore ix biological properties of the active drug based on horse placenta under conditions in vitro.

Research methods: percoll density gradient isopycnic centrifugation, trypan blue exclusion test, MTT test, cell culture, light microscopy, flow immuno-cytofluorimetry, enzyme-linked immunosorbent assay, proliferation test using intravital fluorescent CFSE stain. Bytes iopreparat s based horse placenta no cytotoxic th action on human mononuclear cells of peripheral blood at 24 hours exposure to concentrations not exceeding 3,250 pg / ml. and have a cytoprotective effect against mononuclear cells in human peripheral blood, reducing the intracellular level of reactive oxygen species after short-term exposure.

The drug also induces comfort production of the anti-inflammatory cytokine IL-4 by mononuclear cells of human peripheral blood.



Biography:

Fakhradiyev Ildar has completed his PhD at the age of 25 years from Andhra University and postdoctoral studies from Stanford University School of Medicine. A premier Bio-Soft service organization. He has published more than 25 papers in reputed journals and has been serving as an editorial board member of repute.

Publication:

1. Coping strategy as a way to prevent emotional burnout in primary care doctors: a randomized controlled trial.
2. Correction to: Prevention of Intra-abdominal Adhesions by Electrical Stimulation.
3. Prevention of Intra-abdominal Adhesions by Electrical Stimulation.
4. Method of Pulmonary Arterial Pressure Correction During Pulmonectomy by Forming Intervascular Anastomoses (Experimental Study).
5. Mitotic activity of thoracic duct cells in rabbits correlates with age and total lymphocyte numbers.

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