## Abstract


### DISEASE TREATING METHOD

This invention belongs to the field of medicine, in particular, the treatment of patients with the preparations containing genetic material, and can be used for treating the impaired hematopoiesis connected with chromosome abnormalities and subsequent death of blood stem cells (BSCs) caused by the therapy with cytostatics or high doses of radiation; for treating the diseases connected with the impairments of basic mechanisms of BSC differentiation without division towards specific hematopoietic elements, which develop due to malignant transformation of hematopoietic cells making these cells unable to normally differentiate and causing their uncontrolled proliferation; and for treating the diseases connected with abnormalities in stem cell (SC) chromosomes, which requires the appearance of genetically, phenotypically, and physiologically healthy SCs in the body.

The desired result, consisting in expansion of the application field, is achieved by that the fragmented DNA that is allogeneic and consists of the fragments with a length corresponding to one–ten nucleosome units that constitute the entire patient’s genome in association with nuclear matrix proteins is introduced into the patient’s body in the amount equal to or exceeding the amount of own DNA of the blood plasma and tissue fluids but no more that 1500 mg/mL.