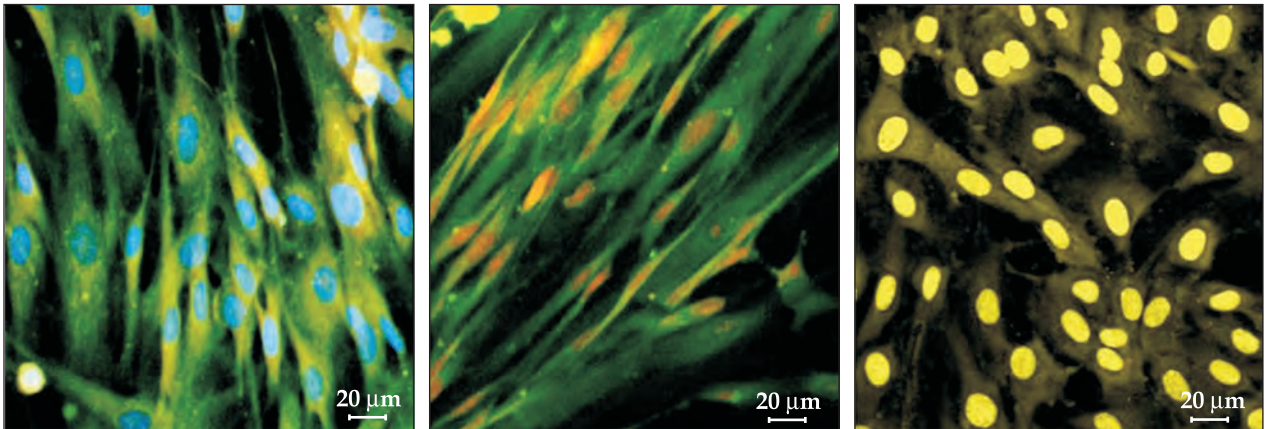


PREPARATION FOR CELL THERAPY



MSC culture. Confocal microscopy, various options of cells staining

Areas of Application

The preparation can be used at health care establishments for treating human diseases of various origins

Specification

A laboratory protocol for obtaining mesenchymal stem cells (MSC) from human umbilical cord and cultivating to the stage of their use in cell therapy has been developed. The preparation efficacy has been shown in pilot animal studies

Advantages

No domestic analogs exist. As compared with the foreign counterparts, the preparation is cheaper; obtainment and use of cells from umbilical cord meet moral and ethical standards, are safe and noninvasive. The preparation can be used both as allogeneic and autologous material for systemic and local application

Stage of Development.

Suggestion for Commercialization

IRL3, TRL3

Seeking partners for preclinical and clinical trials. The completed preparation can be offered to pharmaceutical companies

IPR Protection

IPR2

Contact Information

Olena H. Deryabina, Institute of Molecular Biology and Genetics of the NAS of Ukraine; +38 044 526 55 96, +38 044 200 04 12, +38 067 945 61 51, e-mail: oderyabina@gmail.com