

Production of corneal tissue equivalents from human pluripotent stem cells (Technion)

code: STM-1283

In severe cases of corneal diseases such as total limbal stem cell deficiency, allo-grafts are obtained from patient's relatives or from post mortem donors. This approach is commonly used for years. However, shortage of donors and graft rejection are major drawbacks of this approach. Our novel invention is based on the production of corneal cells from human embryonic stem (hES) cells, allowing the production of unlimited amount of corneal epithelia ready to be transplanted into injured eye of patient.

Contact for more information:

Santiago Ini , +972-4-8294856

T - Technion Technology Transfer
Technion City, Senate Bldg., Haifa 32000, Israel
Tel. 972-4-829-4851; 972-8325-375
Fax. 972-4-832-0845