

Under the Microscope #12 - Brain cells from skin cells

February 29 2012

This is a beautiful image of human brain cells, which can now be grown from adult skin cells.

Yichen Shi: “Brain neural stem cells derived from human [skin cells](#): these stem cells express typical marker genes of brain neocortical stem cells, such as Pax6 (Red fluorescent labeled), and form a rosette structure resembling the transection of the neural tube.”

The entire image is about 250 μm across (a really thick bit of human hair).

Under the Microscope is a collection of videos that show glimpses of the natural and man-made world in stunning close-up. They are released every Monday and Thursday and you can see them here: bit.ly/A6bwCE

Provided by University of Cambridge

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