

## **iPS cell culture and passage**

Cells are cultured in Essential 8™ Flex Medium Kit (Gibco, ThermoFisher Scientific) in 6-well plate dishes coated with 1:100 vitronectin (Cat. 14700, Gibco, Invitrogen) diluted in 1X DPBS. Incubation is at 37 °C with 5% CO<sub>2</sub> (Binder CB 150). Once high confluence is reached, the medium is removed, cells are washed with 1X DPBS and treated with 1 mL of 0,5 mM EDTA solution for 5 min at room temperature. After iPSCs detachment, EDTA is removed and iPSCs passage is carried out by resuspension of the cells in Essential 8™ Flex Medium Kit. To the new vitronectin-coated dishes of 6-well plate is added 100 µL of cell suspension in 2 mL of medium.