ABSTRACT

The preset disclosure provides methods of culturing cells, *e.g.*, pluripotent cells, multipotent cells, and/or immune cells (*e.g.*, T cells and/or NK cells) in a medium comprising at least about 5 mM potassium ion, wherein the medium is not hypertonic. In some aspects, the medium is hypotonic. In some aspects, the methods disclosed herein increases the number of less-differentiated cells in the population of cells. In some aspects, the cultured cells are engineered, *e.g.*, to comprise a chimeric antigen receptor or an engineered T cell receptor. In some aspects, the cells are administered to a subject in need thereof.

No Figure