

**Reprogramming of human primary somatic cells by OCT4 and chemical compounds.**

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**Funding Grants:** Reprogramming of human somatic cells back to pluripotent embryonic stem cells

**Public Summary:**

In this study we report a small molecule cocktail that enables reprogramming of human primary somatic cells to iPSCs with exogenous expression of only OCT4. In addition, mechanistic studies revealed that modulation of cell metabolism from mitochondrial oxidation to glycolysis plays an important role in reprogramming.

**Scientific Abstract:**

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