

# Welcome to the Stem Cell Laboratory at Koc University!

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## **Abstract**

Our lab studies the molecular mechanisms of cellular reprogramming. We want to understand how somatic cells such as skin fibroblasts can be converted into induced pluripotent stem cells (iPSC). Our focus is on identifying the role of chromatin modifying proteins in this process.

We are also interested in generating iPSCs from Turkish patients with rare genetic diseases for in vitro disease modeling and genome editing.