



## Induction Of Arterial-Type Of Hemogenic Endothelium (Ahe) And Enhancement Of T Cell Production From Pscs Through Overexpression Of Ets Factors Or Modulating Mapk/Erk Signalling Pathways

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### The Invention

The present invention is a method of creating a population of hemogenic endothelial cells with arterial specification and enhanced T cell potential. In one embodiment, the method uses ETS transgene induction at the mesodermal stage of differentiation. In another embodiment, the method activates ERK and NOTCH signaling at the mesodermal stage of differentiation.

### Additional Information

#### For More Information About the Inventors

- [Igor Slukvin](#)

#### Tech Fields

- [Pluripotent Stem Cells : Differentiation](#)

For current licensing status, please contact Andy DeTienne at [adetienne@warf.org](mailto:adetienne@warf.org) or 608-960-9857