

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

View U.S. Patent No. 11,345,895 in PDF format.

WARF: P170133US02

Inventors: Igor Slukvin, Mi Ae Park, Akhilesh Kumar

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 or 608-960-9857

We use cookies on this site to enhance your experience and improve our marketing efforts. By continuing to browse without changing your browser settings to block or delete cookies, you agree to the storing of cookies and related technologies on your device. See our privacy policy

