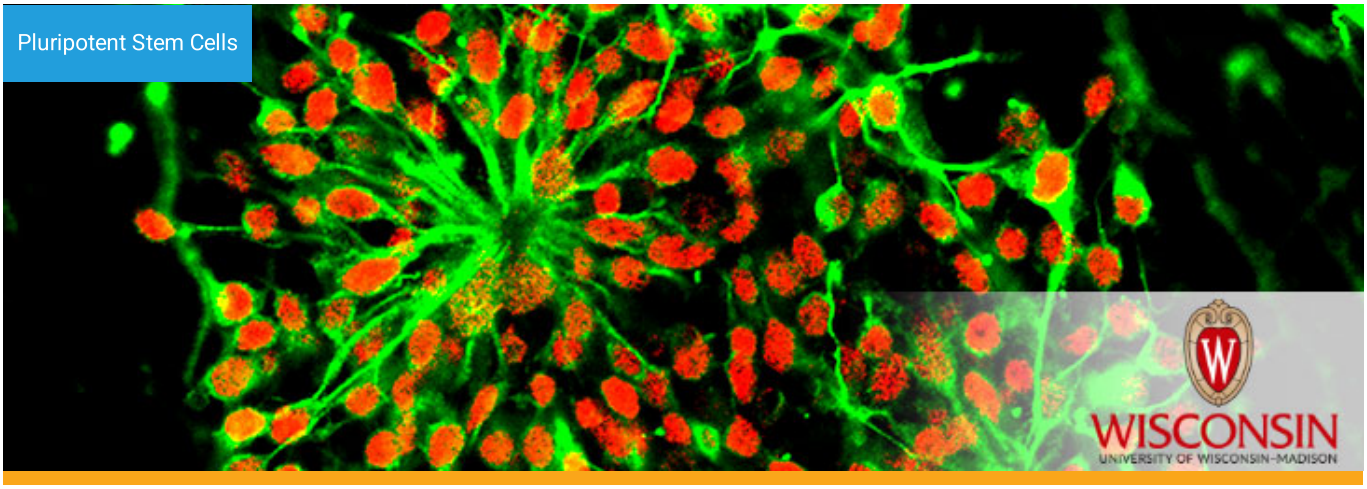

Cardiac Differentiation Of Human Pluripotent Stem Cells Under Defined Conditions Using Matrix Overlay Methods

View U.S. Patent No. 9,068,167 in PDF format.

WARF: P100142US02

Inventors: Timothy Kamp, Jianhua Zhang, Samira Azarin, Sean Palecek, Xiaojun Lian

The Invention

Methods for culturing the pluripotent stem cells to undergo epithelial-to-mesenchymal transition and for generating high-yield, high-purity cardiomyocyte cultures from pluripotent stem cells are described. Pluripotent stem cells are cultured on a support with an overlaid matrix and, optionally, exposed to one or more factors to induce epithelial-to-mesenchymal transition and cardiogenesis.

Additional Information

For More Information About the Inventors

- Timothy Kamp
- Sean Palecek

Tech Fields

- Pluripotent Stem Cells : Differentiation

For current licensing status, please contact Andy DeTienne at adetienne@warf.org or 608-960-9857