



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

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### 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](#)
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#### 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