



## Generation Of Functional Neutrophils And Macrophages From Induced Pluripotent Stem Cells In Chemically Defined Conditions Using Transient Expression Of Etv2

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### The Invention

The present invention provides methods of producing in vitro derived neutrophils or macrophages in xenogen- and serum-free conditions from pluripotent stem cells and in vitro derived populations of neutrophils and macrophages. Methods of treatment using in vitro derived neutrophils or macrophages are also contemplated.

### Additional Information

#### For More Information About the Inventors

- [Igor Slukvin](#)
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#### Tech Fields

- [Pluripotent Stem Cells : Differentiation](#)

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