



## SYSTEMS AND METHODS FOR LABEL-FREE SENSING OF NEUTROPHIL ACTIVATION

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Inventors: Melissa Skala, Rupsa Datta, Alexandra Walsh

### The Invention

UW-Madison researchers have developed a unique inherent autofluorescent image-based classifiers neutrophil activation. The specific autofluorescence signatures are used to identify neutrophil activation with 92% accuracy. This allows for label-free sensing of neutrophil activation for CAR neutrophil production, and for immune reactivity studies.

### Additional Information

#### For More Information About the Inventors

- [Melissa Skala](#)

#### Tech Fields

- [Analytical Instrumentation, Methods & Materials : Microscopy](#)

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