

**Dr. Ganesh V. Halde**

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As a cardiovascular research scientist working to better understand how inflammation and immune responsive metabolic dysregulation contributes to ischemic (reduced ejection fraction; HFrEF) and non-ischemic heart failure (preserved ejection fraction; HFpEF). Dr. Halade's research focuses on 1) study of heart failure etiology with an integrative approach focusing on splenic leukocytes and heart; 2) measurement of inflammatory mediators that impair cardiac repair and resolving lipid mediators that facilitate cardiac repair after heart attack; 3) role of resolution receptor (FPR2) in inflammation-resolution processes in heart failure with reduced (HFrEF) and preserved ejection fraction (HFpEF); and 4) translate our findings for use in human therapy emphasizing on balanced lifestyle component such diet, sleep, and exercise, considering risk factors such as obesity, diabetes, aging, and cardiotoxic co-medications (oncological drugs). Dr. Halade is working in generating novel ideas/hypothesis in cardiovascular medicine and inventing feasible and translational solutions to inflammatory heart diseases. My lab team would describe me as a motivated, inspiring, and improved mindset group member who maintains a positive, proactive attitude when faced with challenges.

- a) <https://health.usf.edu/medicine/heart-institute/faculty/gshalade>
- b) <https://scholar.google.com/citations?user=gHES7LoAAAAJ&hl=en>
- c) <https://www.aging-us.com/interviews/interview-with-dr-ganesh-v-halade>