

# Smiruthi Ramasubramanian

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## Degrees

Aug 2008      B.S. in Biomedical Engineering, Texas A&M University, College Station  
Honors in Biomedical Engineering  
Minor in Applied Mathematics

## Awards

1. Second Prize for research poster at Annual Koster Research and CIMED Day, May 2013
2. Merit Award for research poster at 10<sup>th</sup> Gordon research Conference on Cardiac Arrhythmia Mechanisms, February 2013

## Publications

1. **Ramasubramanian, S.** & Rudy, Y. The Structural Basis of IKs Ion-Channel Activation: Mechanistic Insights from Molecular Simulations. *Biophysical Journal* 114, 2584–2594 (2018).
2. **Ramasubramanian, S.** & Rudy, Y. Modulation of IKs by PIP2 During the Cardiac Ventricular Action Potential. (Submitted)