



Anita Rajamani, photo by UC Davis/T.J. Ushing

UC Davis DEB Student Spotlight on Anita Rajamani (Passerini lab)

The UC Davis Designated Emphasis in Biotechnology (DEB) program would like to thank DEB student Anita Rajamani (Biomedical Engineering graduate group) and her DEB mentor, Professor Anthony Passerini, for graciously agreeing to a photo shoot. See below for a description of Anita's current research project.

Anita Rajamani's Bio/Research

"I am a biomedical engineering PhD candidate in Passerini lab. My research is in the interface of nutrition, lipid metabolism and vascular inflammation. Cardiovascular diseases are the leading cause of death and disability worldwide. Systematic mechanistic studies can identify novel therapeutic targets or biomarkers that can help reduce the incidence of cardiovascular diseases. My research has identified key types of fat and fat metabolites in circulating dietary lipoproteins that differentiates individuals' likelihood to develop atherosclerosis. Further, I investigate the mechanistic pathways that connect fat metabolism to endothelial inflammation. The interdisciplinary nature of this project yielded in collaboration with the nutrition and biochemistry labs and aided in combining metabolomics and bio-engineering approaches to solve the problem. The support of my lab members, undergraduate researchers and collaborators has made it possible to tackle such multifaceted complex problems."

Stay tuned for the next DEB student in the spotlight post!

If you are a DEB student and would like a photo shoot in your lab, feel free to contact me to set one up!

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