

Biographical Sketch

Andrea Rodríguez-Villafañe

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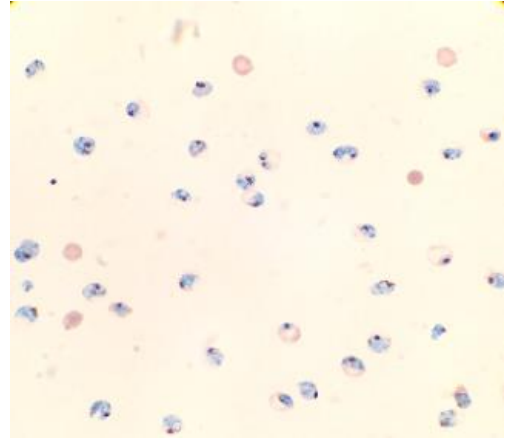
Current Status

B.S. Candidate

Dept. of Biology, UPR- Río Piedras

Education

2016-present BS. Molecular Biology, UPR- Río Piedras



Current Research Interests

My main research interest is studying the malaria parasite. Last year, I participated in a study that focused on identifying new potential vaccine candidates against *Plasmodium falciparum* malaria. This year, my research project examines the role played by certain proteins of *Plasmodium berghei* in antimalarial drug resistance and their effect on the morphology of these parasites.

Research Experience

2018- present UPR- Río Piedras, Undergraduate Researcher (mentor: Dra. Adelfa E. Serrano)

2018 summer Brown University, Intern (mentor: Dr. Jonathan Kurtis)

2017-2018 Brown University, Undergraduate Researcher (mentor: Dr. Jonathan Kurtis)

Presentations

Andrea Rodríguez-Villafañe, Alok Das Mohapatra, Anup Jnawali, Dipak Raj, Jonathan Kurtis. Evaluation of the anti-parasitic effect of *Plasmodium falciparum* specific murine antibodies in *in vitro* assays. Leadership Alliance National Symposium 2018. Hartford, Connecticut, July 28-29, 2018

Andrea Rodríguez-Villafañe, Alok Das Mohapatra, Anup Jnawali, Dipak Raj, Jonathan Kurtis. Evaluation of the anti-parasitic effect of *Plasmodium falciparum* specific murine antibodies in *in vitro* assays. Brown Research Symposium 2018. Providence, Rhode Island, August 3-4, 2018