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*Impact of Antibiotic Treatment on Lactobacillus Population
Dynamics and Intestinal T Cell Regulatory Function*

Dormarie is a fourth-year Ph.D. candidate in the Immunology and Molecular Pathogenesis (IMP) program and an ARTDTP fellow at Emory University. She obtained her B.S. degree in Biomedical Sciences from the University of Puerto Rico in Ponce (UPRP) in the summer of 2020. She is currently mentored by Drs. David S. Weiss and Luisa Cervantes-Barragan to study how oral antibiotic use affects the host microbiome-immune system interactions. Her dissertation aims to demonstrate how commonly prescribed antibiotics, such as ciprofloxacin, select for microbiota species, like *Lactobacillus*, that subsequently alters the intestinal immune regulatory functions.