

Mary Anne Amalaradjou, Ph.D.

Assistant Professor at University of Connecticut

Storrs, CT, US

Mary Anne Amalaradjou is a microbiologist with laboratory work focused on food safety and gut health

Biography

Dr. Amalaradjou's research primarily focuses on food safety and gut health. Specifically, her research is targeted toward understanding pathogen survival and persistence along the food chain, their virulence attributes, and the application of probiotics to control foodborne pathogens. She also studies the efficacy of currently applied intervention (hurdle) technologies to reduce pathogen transmission during pre- and post-harvest processing of fresh produce, meat, and dairy products. Beyond controlling pathogens in food systems, her research also investigates the potential application of probiotics and functional foods in the prevention and treatment of gut pathologies. Through all aspects of her research, Dr. Amalaradjou's main objective is to improve food safety and promote public health. Her research program is funded by intramural (UConn Research Excellence Program and Storrs Agricultural Experimental Stations- USDA NIFA HATCH) and extramural funding agencies including the Center for Produce Safety, USDA, NSF, and the Foundation for Food and Agriculture.

Areas of Expertise

Inflammation, Microbiome , Gut Health, Probiotics, Food Safety , Virulence, Diet, Pathogens

Education

University of Connecticut

Ph.D. Animal Science

University of Connecticut

M.S. Animal Science

Indian Veterinary Research Institute

M.S. Animal Biochemistry

Pondicherry University

D.V.M. Veterinary Science and Animal Husbandry

Accomplishments

2016 FFAR New Innovator Award Winner

New Innovator in Nutrition and Healthy Food Choices - Foundation for Food and Agriculture Research 2016

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