

Biology & Biotechnology

POSTER SESSION, 9:30am to 11:30am Campus Center, Odeum

Estrogenic Effects of OTC Promensil on Breast Cancer Cells

Gabrielle Paquette, Hannah Smith
Advisors: Mike Buckholt, Jill Rulfs

Determining How Infected Macrophages Evade Natural Killer Cell Antibody Dependent Cellular Cytotoxicity

Michelle Pan
Advisors: Kiera Clayton, Reeta Rao

Exploring the effects of CBD on *C. elegans* with 6-OHDA induced Parkinson's Disease to determine potential therapeutic implications

Claire Behning, Amanda Holbrook
Advisors: Mike Buckholt, Jill Rulfs, Suzanne Scarlata

Effects of codon content and context on transcript stability and translation efficiency in *M. smegmatis*

Olivia Atkins
Advisor: Scarlet Shell

The Role of The Map Kinase Pathway in *C. elegans* Immune Response Against *C. albicans*

Susanna Oppong
Advisor: Reeta Rao

Bat activity is related to habitat type and structure in managed barrens in New England

Natalie Kay, Amelia Sadlon
Advisor: Marja Bakermans

Suv420 Localization During Mitosis is Regulated by Phosphorylation

Hannah Shell
Advisor: Amity Manning

Exploring Exogenous Cannabinoids as a Potential Therapeutic for the Reduction of Oxidative Stress in *C. Elegans* Model Systems

Alexia Barcus, Hannah Kachadoorian
Advisor: Mike Buckholt, Jill Rulfs, Jagan Srinivasan

Investigating the Common Loon Syrnix

Kaylee Gladu
Advisors: Mike Buckholt, Jill Rulfs, Jay Mager (Ohio Northern), Mark Pokras (Tufts Vet School)

Examining the Effects of Phytoestrogens on Prostate Cancer Cells

Ally Breen, Lia Kelly
Advisors: Mike Buckholt, Jill Rulfs

Effects of 2,3-dihydroxybenzoate on Growth and Antibiotic Resistance in *E. coli*

Dana Littlefield, Tammie Zhu
Advisor: Mike Buckholt

Evaluating environmental interference in outdoor automated radio telemetry systems

Vinh Tran
Advisor: Marja Bakermans

Little Balls of Stress: Understanding the Activation Pathway of Resveratrol-Induced Stress Granules

Katherine Stratton
Advisor: Natalie Farny

Characterizing the Kekkoon Family as Adhesion Molecules

Hannah Allen
Advisor: Joe Duffy

Structural Analysis of Kek1's Interaction with the EGFR

Alex Boucher Jr
Advisor: Joe Duffy

Stressed Out! Role of GPER1 in BPA-Induced Stress Granule Formation

Hope Hutchinson
Advisor: Natalie Farny

fNIRS study on Tacit Knowledge in Manufacturing

Alex Breiling
Advisors: Benjamin Nephew, Yihao Zheng

Fast Food Waste

Alex Guerra, Wirt Jones

Advisors: Mehul Bhatia, Reeta Rao