



2025 HAUBER FELLOWS

The impact of polyamine depletion on macrophage polarization and phagocytic ability

Hauber Fellow: Jamie Cashour

Hauber Mentor: Dr. Cassandra Holbert

Hadamard Equivalence Classes and their relation to Hadamard Products

Hauber Fellow: Jeymar Fernandez-Guirado

Hauber Mentor: Dr. Sudeshna Basu

Determining the Effects of Polyamine Depletion on Cytokine Production in the Ovarian Tumor Microenvironment

Hauber Fellow: Lauren Imasa

Hauber Mentor: Dr. Cassandra Holbert

Turtlebot and further investigations for SLAM

Hauber Fellow: Anthony Kallab

Hauber Mentors: Drs. David Hoe & Hoyeon Kim

Differentiation and Cytokine Production of Polyamine Depleted CD4+ T Cells

Hauber Fellow: Michael Moseley

Hauber Mentor: Dr. Cassandra Holbert

Investigating the rate of scavenging activity to identify taphonomic animal markings

Hauber Fellow: Elizabeth Ogletree

Hauber Mentors: Prof. Marion Davidson and Dr. Rhys Williams

Analytical Studying for Machine Learning for detection of Road Hazards

Hauber Fellow: David Ogunbanjo

Hauber Mentor: Dr. Hoyeon Kim

Comparing Estradiol and Estrone Arc-Expression

Hauber Fellow: Joshua Player

Hauber Mentor: Dr. Craig Myrum



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Investigating Arc Expression in the Hippocampus Across the Sleep-Wake Cycle

Hauber Fellow: Zaira Rehman

Hauber Mentor: Dr. Craig Myrum

Numerical approximations of time dependent multi-physics flows

Hauber Fellow: Oscar Roat

Hauber Mentor: Dr. Prince Chidyagwai

Potential Disruption of Cytokine Production in Polyamine-Induced CD4+ T-Cell Lineages

Hauber Fellow: Yuri Singh

Hauber Mentor: Dr. Cassandra Holbert

Orexin-A induction of Arc protein expression

Hauber Fellow: Andres Socarras

Hauber Mentor: Dr. Craig Myrum

A Statistical-Based, N.F.L. Game Simulator in R Incorporating Actual Team Characteristics and Monte Carlo Techniques

Hauber Fellow: Maeve Walsh

Hauber Mentor: Prof. Richard Auer

Bidirectional Quantum Controlled Teleportation

Hauber Fellow: Hameed Zandi

Hauber Mentor: Dr. Hossein Aghababa