Kalamazoo College Biology Department

Diebold Symposium
Schedule of Events

Thursday, May 6, 2004

Opening Session, Dow 226, 4:00 p.m.
4:00-4:30  Dr. Lynn Margulis, Distinguished University Professor, Department of Geosciences, University of Massachusetts, Amherst
"Acquisition of Genomes by Symbiogenesis"
Reception Following

Friday, May 7, 2004

Lecture Session, Dow 226, 4:00-6:00 p.m.
4:00-4:30  Alexandra Gold
Identification Of Genes Affecting Sexual Dimorphism Of The Gonad In Caenorhabditis elegans
4:30-5:00  Margaret Kilar
Analysis Of The Alcohol Dehydrogenase (Adh3) And The Serine Protease Inhibitor, Kazal Type I (Spink 1) Genes In Alcohol-Induced Pancreatitis
5:00-5:30  Carrie Brankiewicz
Antagonistic Substances Produced By Vaginal Tract Bacteria With An Emphasis On The Pathogenesis Of Bacterial Vaginosis
5:30-6:00  Jessie Wagner
Manipulation Of The Cellular Redox State: The Effects Of Antioxidants On Trail-Induced Apoptosis In Rhabdomyosarcoma

Poster Session, Dow Third Floor, 7:00-8:15 p.m.

Laila Al-Duwaisan  Fish As A Biomarker For Cell Invasion
Jessica Beverwyk  Bat Foraging In Tamarik spp. And Salix spp. - A Survey Of Species Richness Along The Lower Owens River In California
Ben Bimber  Lovastatin Can Be Used To Produce Non-Prenylated Ykt6 From Pc12 Cells
Alexis Bowman  The Ultimate Experiential Education
Andrea Braunz  Analysis Of The Khri-3 Antigen In Guinea Pig Inner Ear And Lung Tissues
Stephanie Busch  The Role Of The Pi3k/Akt2 Pathway In Anti-Estrogen Resistant Breast Cancer
Daniel Drake  Effects Of Environmental Agents On Bacteria From The Oral Cavity
Mara Faust  Invertebrate Diversity On Sleepy Grass (Achnatherum robustum) Infected With The Alkaloid-Producing Neotyphodium Fungal Endophyte
Katherine Frank  Morphological Effect Of Immobilization On Collagen Fibrils In Rat Tail Tendons
Charles Geneczko  Occurrence Of Spontaneous Mammary Intraepithelial Neoplasia In The Canine Mammary Glands And Estrogen Receptor Negativity
Tristam Gibbons  The Intrinsic Rate Of Growth Of Soybean Aphid, Aphis Glycines Matsumura, Under Different Systems Of Soybean Production
Jessica Gierut  The Role Of HLA Class I And Class II Alleles In Association With The Outcome Of Hepatitis C Virus Infections
Renu Goyal  The Dose-Dependent Effect Of Ethanol On Sapp-secretion From Cho695 Cells
Phillip Kotzan  The Chiropractic Approach On Down Syndrome
Poster Session, Dow Third Floor, 8:15-9:30 p.m.

Nathan Brouwer  Phyllogenic Comparison Of Proposed Pathways Used By Hiv-1 Nef To Downregulate Mhc-I Cell Surface Expression


Vincent Hames-Frazier  Geometric And Feature Encoding Of Discrete Landmark Arrays In Clark’s Nutcrackers: What External Cues Aid In Avian Navigation And Heading Determination?

Rachel Hayward  The Relationships Between Fit And Form In Wheel Thrown Ceramic Pieces

Matthew Kaiser  New Biological Control Agents Of Soybean Aphid (Aphis glycines) Using Native And Previously Introduced Hymenopterous Parasitoids And Dipteran Predators

Nick Kujala  Biocide-Induced Antimicrobial Peptide Resistance In Porphyromona gingivalis

Gina Lutz  A Comparative Analysis Of The Macrofaunal Communities Associated With Whale, Wood, And Kelp Falls On The Deep-Sea Floor

Jonathan Oliva  Properties Of Breast Epithelial Cancer Cell Line After Treatment With Modified Citrus Pectin And The Transfection Of Non-Galectin-3 Expressing Cell Line With Cleaved Galectin-3 Cdna

Emily Olson  Pharmacokinetics And Pharmacodynamics Of Loperamide In Mdr1a (+/+) And Mdr1a (-/-) Mice

Kirsten Rosenkrands  A Model System For Studying The Effects Of Invasive Predatory Cladocerans On Zooplankton Prey Behavior

Mike Sassack  Construction Of His-Tagged Atr Fusion Proteins: Working Toward The Identification Of Atr-Interacting Proteins

Jonas Traxler-Ballew  Density Independent Gall Dispersion In A Willow Complex

Saturday, May 8, 2004

Lecture Session, Dow 226, 8:30 a.m.-12:15 p.m.

8:30-9:00  Coffee and Doughnuts

9:00-9:30  Holly Huang  Elucidating The Role Of Phosphorylation State And The Cytoplasmic Domain In Mechanisms Of Tnf-Alpha Converting Enzyme (Tace) Activation

9:30-10:00  Megan Noe  Establishing A Protocol For The Detection Of Gene Duplications In Drosophila melanogaster

10:00-10:30  Anna Pierzchala  Responses Of Four Tortricid Moth Species (Lepidoptera: Tortricidae) To High-Release Pheromone Dispensers: Implications For Mating Disrupt Of These Species

10:30-10:45  BREAK

10:45-11:15  Michael Martin  Purification Of A Bacteriocin-Like Inhibitor By Enterococcus faecium Strain 62-6 Antagonistic To The Growth Of Vaginal Lactobacilli: Potential Significance For The Pathogenesis Of Bacterial Vaginosis

11:15-11:45  Erica Zontek  Manipulation Of Ground Predator Populations Affects Prey Removal In A Highbush Blueberry (Vaccinium corimbosum) Field

11:45-12:15  Janice Watch  Ethanol Prolongs Clearance Of Exogenous Serotonin In The Dorsal Hippocampus But Not The Dorsal Raphe Nucleus Of Rat Brain

6:00pm  BANQUET