

2015 Summer Undergraduate Poster Session Abstracts

Evaluation of the Adjuvant Properties of BscF, a Purified Needle Protein from *Bordetella pertussis*

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Health Care Coverage among AIAN Elders by Gender and Income

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Evolutionary Ecology of rRNA Copy Number

Waisner H, Darby B
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Effect of Constitutive α_{1A} -adrenergic Receptor Activation on Gene Expression of Notch1 and Nme1 in the Adult Female Mouse Brain

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Aldh1a2 Expression in the Adult Female Mouse Brain with Constitutively Active α_{1A} -Adrenergic Receptors

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Constitutive α_{1A} -Adrenergic Receptor Activation and Gene Expression of Creb1 and Ascl1 in the Adult Female Mouse Brain

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Shh and Akt2 Expression in the Constitutively Active Mutant α_{1A} -Adrenergic Receptor Female Mouse Brain

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Cpe and Casr Expression in Adult Female Mice with Constitutively Active Mutant α_{1A} - adrenergic Receptors

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Expression of the Apolipoprotein E (APOE) Gene in Constitutively Active Mutant α_{1A} -Adrenergic Receptor (CAM α_{1A} -AR) Adult Mice

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Expression of Npas-3 and Aldh1a1 in Adult Female Mice with Constitutively Active Mutant α_{1A} -Adrenergic Receptors

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Expression of Brain-Derived Neurotrophic Factor (Bdnf) and Cyclin E1 (Ccne1) in Adult Female Mice with Constitutively Activated α_{1A} -Adrenergic Receptors

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Expression of Noggin in Adult Female Mice with Constitutively Active Mutant α_{1A} - Adrenergic Receptors

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Fibronectin Splicing in Human Proximal Tubule Cells Exposed to High Concentrations of Glucose

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Differential Expression of Fibronectin Splice Variants in Breast Cancer Cell Lines

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Expression of ITGAV and ITGB3 in Arsenic and Cadmium Transformed UROtsa Cells

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ITGA9 and ITGA3 Expression in Arsenite (As⁺³)- and Cadmium (Cd⁺²)-Transformed UROtsa Cells

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Put a little “metal” in it: CD44 and ITGB6 Expression in Cadmium (Cd²⁺) and Arsenic (As³⁺) Transformed UROtsa Cells

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Gene Expression of ITGA4 and ITGB1 in Cd²⁺ and As³⁺-transformed UROtsa Cells

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Fibronectin Splice Variants are Differentially Expressed in Cultured Human Proximal Tubule Cells

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Expression of ITGA5 and ITGA8 in Arsenite (As³⁺) and Cadmium (Cd²⁺) Transformed UROtsa Cells

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Expression of Stem Cell Biomarker Genes ALDH1A1, CD44, and PROM1/CD133 and Doming in Proximal Tubule Cells

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Expression of the TGF- β Family of Cytokines and Their Receptors in Human Proximal Tubular Cells

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Exploring the Roles of MT-3, Gelsolin, and DPYSL3 in the Renal Epithelial-to-Mesenchymal Transition

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Expression of Sox4, Sox6, BATF3, and CEBPB in Human Proximal Tubule and HK-2 Isolates

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Expression of SEMA 3C, SEMA 3F, SEMA 5A, and SEMA 5B in Human Proximal Tubule and HK-2 Cell Lines

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Expression of WNT3a, WNT5a, & Their Receptors FZD1, & FZD2 in MT3-induced Mesenchymal-to-Epithelial Transition in Renal Proximal Tubule Cells

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Expression of ARHGDI1, EPHB2, TRIB1, and PIK3R3 Genes in the Immortalized Cell Line HK-2, HK-2 MT-3 Cells and in Mortal Cultures of Human Proximal Tubular Cells

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Expression of N-Cadherin, E-Cadherin, and K-Cadherin Genes in HK-2 cells, HK-2 MT-3 cells and HPT Cells

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Expression of MMP1 and DCN in HK-2, MT-3, and HPT Cell Lines

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Expression of the Proapoptotic Genes CASP2 and BAX in the HK-2 Cells, HK-2 MT-3 Cells and Human Proximal Tubular Isolates

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Technology Use among American Indian/Alaskan Native Elders

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Contributing Factors to American Indian/Alaskan Native Elders' Quality of Life

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Identity Theft among American Indian and Alaskan Native Elders

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Turtle Mountain Leech Genome Project: Relating Morphology to Genetic Barcodes for Several Glossiphoniidae and Erpobdella Species

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Turtle Mountain Leech Genome Project: Relating Morphology to Genetic Barcodes for Several Glossiphoniidae, Haemopidae, and Macrobdellidae Species

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Changes in Histone Modifications during the Initiation of Transcription

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The cis-regulation of Cebpa During Macrophage-Neutrophil Differentiation

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Expression of Tyrosine Hydroxylase in Microglial Cell Cultures: Catecholamines as Potential Gliotransmitters

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Developing a Reporter Assay of Wnt Pathway Activity and Comparing its Expression in Male and Female Snapping Turtles (*Chelydra serpentina*)

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Effects of Atrazine and Estrogen on Gene Expression within the Hypothalamus of Male and Female Snapping Turtles (*Chelydra serpentina*)

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Genetic Diversity of Pollinators in a Space Plot System in Mekinock, North Dakota

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Genetic Diversity of the Invasive Gypsy Moth, *Lymantria dispar dispar* (Lepidoptera: Erebidae: Lymantriinae)

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Expression of ALDH1A1 in Arsenite(As⁺³) and Cadmium (Cd⁺²) Transformed UROtsa Cells

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Expression of Vimentin in UROtsa Parent, Arsenite, and Cadmium –transformed Cell Lines and Urospheres

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CD44 Expression In A Model of As⁺³ and Cd⁺² Induced Bladder Cancer

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Differential Expression of N-Cadherin (CDH2) in Arsenic (As³⁺) and Cadmium (Cd²⁺) Transformed UROtsa Cells and UROspheres: A Study of the Expression Levels of Neural Cadherin as a Potential Biomarker for Aggressive Bladder Cancers.

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Expression of CDH1 in Cd⁺² and As³⁺ Transformed UROtsa cells and in UROsphere Derived from these Transformed Cell Lines

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Variation of OCLN Expression in As³⁺ and Cd²⁺-transformed UROtsa and Corresponding Putative Cancer Stem Cells

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Expression of TWIST1 in UROtsa parent and Arsenite and Cadmium Transformed Cell Lines and Urospheres

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Expression of SNAI1 in Cd²⁺ and As³⁺ Induced Bladder Cancer using a UROtsa Model

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Expression of SNAI2 in UROtsa Parent, and Arsenite and Cadmium Transformed Cell Lines and Urospheres

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A Preliminary Investigation into Metallothionein-3's Influence on the Expression of GAGE Antigens in MCF7 Cells

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The Unique N- and C-Terminal Domains of Metallothionein-3 Influence the Expression of GAGE Antigens in MCF7 Cells.

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