

**PSTP/VSTP RETREAT SCHEDULE OF EVENTS
SACRAMENTO ZOO
MARCH 12, 2009**

- 8:15 – 8:55** **Continental Breakfast**
- 9:00 – 9:10** **Welcome**
- Fern Tablin, V.M.D., Ph.D., Director of VSTP*
Michael F. Seldin, M.D., Ph.D., Director of PSTP
Charles Bevins, M.D., Ph.D., Associate Director of PSTP
- 9:15 – 9:30** ***“EARLY POSTNATAL PLP-PROMOTER EXPRESSING PROGENITORS PRODUCE MULTILINEAGE CELLS IN VIVO”***
- Joyce H. Ma, PSTP Student*
- 9:35 – 9:50** ***“GENETIC TEST AND DETERMINATION OF ALLELE FREQUENCY FOR CANINE HYPERURICOSURIA”***
- Nili Karmi, VSTP Student*
- 9:55 – 10:10** ***“BIOMIMETIC SCAFFOLDS FABRICATED FROM APATITE-COATED POLYMER MICROSPHERES”***
- Hillary E. Davis, PSTP Student*
- 10:20 – 10:50** **Morning Break**
- 10:55 – 11:10** ***“THE EFFECTS OF LIPOPOLYSACCHARIDE ON EGG YOLK CLEARANCE BY CHICKEN MACROPHAGES”***
- Ingrid Cornax Edwards, VSTP Student*
- 11:15 – 11:30** ***“ARGININE DEIMINASE AS A NOVEL THERAPY FOR PROSTATE CANCER INDUCES AUTOPHAGY AND CASPASE-INDEPENDENT APOPTOSIS”***
- Randie Kim, PSTP Student*
- 11:35 – 11:50** ***“ILEAL INTERPOSITION (IT) SURGERY INCREASES CIRCULATING GLP-1 AND PYY RESPONSES AND DELAYS DIABETES ONSET IN A NOVEL RAT MODEL OF TYPE 2 DIABETES MELLITUS, THE UCD-T2DM RAT”***
- Bethany P. Cummings, VSTP Student*
- 12:00 – 1:10** **Lunch**

- 1:15 – 1:30 *"IMMUNOLIPOSOMAL / IMMUNO-NANOMICELLE THERAPY OF B CELL NON-HODGKIN'S LYMPHOMA"*
Shiloh Martin, PSTP Student
- 1:35 – 1:50 *"EXACERBATED DISEASE IN SIMIAN IMMUNODEFICIENCY VIRUS (SIV) AND PLASMODIUM FRAGILE CO-INFECTED RHESUS MACAQUES"*
Kristin A. Trott, VSTP Student
- 2:00 – 3:00 **Keynote:**
"Psoriasis Bench to Bedside: Genetics Meets Immunology"
James T. Elder, M.D., Ph.D.
Professor of Molecular Genetic Dermatology, University of Michigan
- 3:05 – 4:05 **Poster Session and Afternoon Refreshments**

EFFECTORS SECRETED BY THE BRUCELLA TYPE IV SECRETION SYSTEM INTERFERE WITH MACROPHAGE ANTIGEN PROCESSING AND PRESENTATION
Vidya Atluri, PSTP Student

DEPRESSIVE SYMPTOMS AND CONTRACEPTIVE USE AMONG LATINAS IN AN AGRICULTURAL COMMUNITY
Teresa L. Barcellos, PSTP Student

MONOCHROMATIC X-RAY CANCER PHOTOTHERAPY AND CHARACTERIZATION OF THE COMPTON LIGHT SOURCE
William J. Frederick III, PSTP Student

DIVERSE ROLES FOR CLASS A PLEXIN SIGNALING DURING THE DEVELOPMENT OF THE CORTICOSPINAL TRACT
Lawrence K. Low, PSTP Student

STOICHIOMETRY OF CLC-K AND BARTTIN AS DETERMINED BY TOTAL INTERNAL REFLECTION FLUORESCENCE (TIRF)
Karen J. Mu, PSTP Student

RENAL VOLUME DETERMINED BY COMPUTED TOMOGRAPHY
Nicolas D. Prionas, PSTP Student

EFFECTS OF OXYGLOBIN VERSUS HESPAN AND SHED BLOOD RESUSCITATION ON THE MICROCIRCULATION IN A CANINE HEMORRHAGIC SHOCK MODEL: CORRELATION WITH SYSTEMIC FUNCTION AND OXYGENATION
Patricia To, PSTP Student

**IN VITRO EFFECTS OF PARTICULATE MATTER ON HUMAN ENDOTHELIAL ADHESION MOLECULE
EXPRESSION**

Alissa Blum, VSTP Student

**IDENTIFICATION AND CHARACTERIZATION OF ANTIGENIC PROTEINS OF THE ETIOLOGIC AGENT OF
EPIZOOTIC BOVINE ABORTION**

Roxann Brooks, VSTP Student

**ENVIRONMENTAL FACTORS THAT ENHANCE THE SURVIVAL AND REPLICATION OF VIRULENT
RHODOCOCCLUS EQUI BY INDUCTION OF VIRULENCE PLASMID GENE EXPRESSION**

Denise F. Gonzalez, VSTP Student

STUDIES OF ANTIMICROBIAL AND CHEMOTACTIC ACTIVITIES OF CANINE B-DEFENSIN 103

Brian C. Leonard, VSTP Student

THE ROLE OF CAVEOLAE IN OSTEOBLAST MECHANOTRANSDUCTION

Jessica M. Morgan, VSTP Student

ROLE OF INNATE SIGNALING IN B-1 CELL RESPONSES TO VIRAL INFECTION

Elizabeth Waffarn, VSTP Student

**ROLE OF GLIAL SODIUM-DEPENDENT CO-TRANSPORTERS IN AN IN VITRO TRAUMATIC BRAIN INJURY
MODEL**

Eric West, VSTP Student

4:10 – 4:25

**"A SYNTHETIC, CHEMICALLY DEFINED, THREE-DIMENSIONAL CELL ADHESION
MATRIX AS A TOOL FOR THE STUDY OF CANCER CELL PHENOTYPES AND THE
TUMOR MICROENVIRONMENT"**

Ekama Onofiok, PSTP Student

4:30 – 4:45

**"THE PHARMACOKINETICS AND PHARMACODYNAMICS OF MEDETOMIDINE IN
THE HORSE FOLLOWING INTRAVENOUS ADMINISTRATION"**

Kristin N. Grimsrud, VSTP Student

4:50 – 5:05

**"IDENTIFICATION OF ENDOCYTIC MOTIFS IN RECEPTORS IMPORTANT FOR
SYNAPTIC STABILITY"**

Jolene Chang, PSTP Student

5:45 pm

Dinner at *Buca di Beppo* in Sacramento

(1249 HOWE AVE, SACRAMENTO, CA 95825)