

**PSTP/VSTP RETREAT SCHEDULE OF EVENTS
SACRAMENTO ZOO
FEBRUARY 28, 2008**

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 **"RECOMBINANT RIFT VALLEY FEVER VIRUS LACKING THE NSS AND NSM GENES IS HIGHLY ATTENUATED, CONFERS PROTECTIVE IMMUNITY FROM VIRULENT VIRUS CHALLENGE AND ALLOWS FOR DIFFERENTIAL IDENTIFICATION OF INFECTED AND VACCINATED ANIMALS"**

Brian H. Bird, VSTP Student

9:35 – 9:50 **"STOICHIOMETRY OF CLC-K AND BARTTIN AS DETERMINED BY TOTAL INTERNAL REFLECTION FLUORESCENCE (TIRF)"**

Karen Mu, PSTP Student

9:55 – 10:10 **"A COMPARISON OF TWO DNA EXTRACTION METHODS OF TOXOPLASMA GONDII OOCYSTS FROM TURBAN SNAILS (TEGULA SPP.)"**

Roxann Brooks, VSTP Student

10:20 – 10:50 **Morning Break**

10:55 – 11:10 **"THE ROLE OF AUTOPHAGY WITH ARGININE DEIMINASE AS A NOVEL PROSTATE CANCER THERAPY"**

Randie Kim, PSTP Student

11:15 – 11:30 **"ESTABLISHMENT OF A VIRAL VECTOR SYSTEM FOR EXPRESSION OF ANDES VIRUS PROTEINS IN TARGET CELLS"**

Jessica Levine, VSTP Student

11:35 – 11:50 ***" TRAFFICKING IN EXPERIMENTAL ALLERGIC ENCEPHALOMYELITIS:
THE EFFECT OF ASTROGLIAL CHEMOKINES CCL2 AND CXCL10 ON
INFILTRATION OF TH17 LYMPHOCYTES INTO THE BRAIN"***
Joyce Ma, PSTP Student

12:00 – 1:10 **Lunch**

1:15 – 1:30 ***" THE ROLE OF IL-1 IN DIRECTING THE ANTIVIRAL B-1 CELL
RESPONSE"***
Liz Waffarn, VSTP Student

1:35 – 1:50 ***"CORRELATIONS BETWEEN ACCULTURATION AND ADOLESCENT
PREGNANCY AMONG LATINAS"***
Teresa Barcellos, PSTP Student

2:00 – 3:00 **Keynote:**
"MESENCHYMAL STEM CELLS IN VASCULAR CALCIFICATION"
Linda L. Demer, M.D., Ph.D.

3:05 – 4:05 **Poster Session and Afternoon Refreshments**

***"IDENTIFYING THE NEURONAL RECEPTOR FOR AGRIN INVOLVED IN INTERNEURONAL
SYNAPSE FORMATION"***
Jolene Chang, PSTP Student

***"SRC TYROSINE KINASE ONCOGENIC POTENTIAL AND PATHWAY AS REVEALED BY SELECTIVE
INHIBITOR AZD0530"***
Yu-Ming Chang, PSTP Student

***"EFFECTS OF EICOSAPENTAENOIC ACID, FISH OIL AND LIPOIC ACID IN A NOVEL RAT MODEL
OF TYPE-2 DIABETES"***
Bethany Cummings, VSTP Student

***" THE EFFECT OF EGG YOLK AND LPS ON MACROPHAGE CHEMOTAXIS AND THE
INFLAMMATORY RESPONSE"***

Ingrid Cornax Edwards, VSTP Student

"A MONOCHROMATIC X-RAY SOURCE FOR CANCER DIAGNOSIS AND PHOTOTHERAPY"
William Frederick III, PSTP Student

"TEST FOR HYPERURICOSURIA"
Nili Karmi, VSTP Student

"A CHARACTERIZATION OF β -DEFENSINS IN THE CANINE GASTROINTESTINAL TRACT"
Brian Leonard, VSTP Student

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

"VISUAL FIXATION PATTERNS DURING RECIPROCAL SOCIAL INTERACTION DISTINGUISH A SUBGROUP OF 6-MONTH-OLD INFANTS AT-RISK FOR AUTISM FROM COMPARISON INFANTS"
Noah Merin, PSTP Student

"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

"THE ROLE OF VEGETATION DENSITY AND FLOW CONDITIONS ON REMOVAL OF CRYPTOSPORIDIUM PARVUM OOCYSTS FROM SURFACE WATERS IN COASTAL CALIFORNIA WETLANDS"
Amber Roegner, VSTP Student

"MICROVASCULAR CHANGES FOLLOWING HEMORRHAGE AND RESUSCITATION IN A CANINE HYPOVOLEMIA MODEL"
Patricia L. To, PSTP Student

"A RHESUS MACAQUE MODEL FOR HUMAN CO-INFECTION WITH HIV-1 AND MALARIA"
Kristin Trott, VSTP Student

"PHARMACOKINETICS OF DETOMIDINE AND ITS METABOLITES FOLLOWING INTRAVENOUS AND INTRAMUSCULAR ADMINISTRATION IN HORSES"
Kristin Whitley, VSTP Student

4:10 – 4:25

"ANNEXIN 2 PLAYS A ROLE IN FLOW-INDUCED PGE2 RELEASE AND COLOCALIZED WITH RAFT LIKE STRUCTURES IN OSTEOBLASTS"

Jessica Wade, VSTP Student

4:30 – 4:45

"IMMUNOLIPOSOMAL THERAPY OF B CELL NON-HODGKIN'S LYMPHOMA"

Shiloh Martin, PSTP Student

4:50 – 5:05

"MOLECULAR PHYLOGENETIC ASSESSMENT OF A SYSTEMIC IRIDOVIRUS FROM THE BANGGAI CARDINALFISH (PTERAPOGON KAUDERNI) "

Thomas Waltzek, VSTP Student

5:45

Dinner at Chevy's in Sacramento