

Center for Food Animal Health Projects FY 12-13

CFAH 12-13

| Faculty | Title |
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| Aly, Sharif; Champagne, John; Lehenbauer, Terry | Effectiveness of Intracardiac KCl administration in unconscious calves with prolonged time to death post captive bolt euthanasia |
| Aly, Sharif; Champagne, John; Silvia-del-Gallardo, Rodrigo | A Cumulative Temperature Heat Index to predict the effect of heat stress on milk yield in Genetic Bases for Resistance and Immunity to Avian Diseases |
| Gershwin, Laurel | An Integrated approach to control of bovine respiratory diseases |
| Hoar, Bruce; Tucker, C; Maas, J | Development and administration of a beef cow-calf health and welfare audit tool |
| Li, X; Hoar, Bruce; Atwill, E. Robert | Identifying new and specific species/genotypes and determining occurrence and risk factors of Cryptosporidium and Giardia in cattle on California Rangeland |
| MacLachlan, James; Gardner, Ian; Mullens, Bradley; Barker, Christopher; | Bluetongue Virus Infection of Ruminants in California: Pathogenesis and Epizootiology |
| Murphy, Brian; Gomez-Lucia Duato, Esperanza | Mutations in the Caprine Arthritis Encephalitis Virus Determine Disease Outcome |
| Rossow, Heidi | Relationship between blood nutrient levels and milk components |
| Stott, Jeff; Anderson, M; Maas, J; Teglas, M | Characterization and pathogenesis of the etiologic agent of epizootic bovine abortion |
| Stott, Jeff; Anderson, M; Maas, J; Teglas, M | Development of vaccine candidates and immunodiagnosics using recombinant proteins encoded by the etiologic agent of epizootic bovine abortion |
| Tell, Lisa | A National Agricultural program for Minor Use animal drugs: Serum Pharmacokinetics and efficacy of tulathromycin in domestic goats (Capra aegagrus hircus) |

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Formula Funds 12-13

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| Aly, Lehenbauer, Champagne, Penedo, Gorden, Godden | Molecular epidemiology of food animal pathogens: Longitudenal study of molecular epidemiology of Coagulase Negative Staphylococcus spp. Mastitis pathogens in dairy heards. |
| Angelos, John | Intranasal vaccination with recombinant Moraxella spp.proteins tp prevent infectious bovine keratoconjunctivitis |
| Gershwin, Laurel | Modulation of the Immune Response to Respiratory Pathogens in Cattle |
| Li, Hoar, Atwill | Predisposing risk factors for antibiotic resistant bacteria in California cull dairy cattle |
| MacLachlan, Gardner, Mullens, Barker, Gerry | Bluetongue Virus Infection of Ruminants in California: Pathogenesis and Epizootiology |
| Rossow | Quantifing Nitrogen, Potassion and Phosphorus excretion to manage nutrient balance on dairies |
| Silva del Rio | Feeding Management Practices: Implications for Production Efficiency And Environmental Footprint |