

2009–2010 ILHAC Awards

PI/co-PI(s)	Department(s)	Title	Species
Jones Hostetter	VPATH	Development of an in vivo diagnostic for Johne's disease using emerging technologies of nanoparticles and "smart" copolymers**	Cattle
Nara Oppriessnig	BMS	Developing a Broadly Protective PRRS vaccine	Swine
Nolan Li Kariyawasam	VMPM	Characterization of Three Putative Autotransporters of Avian Pathogenic <i>E. coli</i> and their Potential Use as Vaccines against laying hen Peritonitis**	Poultry
O'Connor Plummer Engelken	VDPAM	A randomized clinical trial evaluating a farm-of-origin autogenous <i>M. bovis</i> vaccine to control Infectious Bovine Keratoconjunctivitis (Pinkeye) in beef cattle	Cattle
Opriessnig Madson	VDPAM	Enhancement of PCV2 shedding in experimentally PCV2 infected boars by immune stimulation and concurrent <i>M. hyopneumoniae</i> infection, effect of vaccination on PCV2 shedding, and proof of the concept that PCV2 DNA present in semen is associated with dam infection	Swine
Plummer Still O'Connor Plummer, C. Ramamoorthy	VDPAM	Shedding and Seroprevalence of <i>Coxiella burnettii</i> among Iowa residents and ruminants livestock	Cattle Sheep Goat
Rosenbusch Lee	VMPM	Identification of virulence factors of <i>Mycoplasma bovis</i> using an in vivo virulence assay with transposon Tn4001 mutants.***	Cattle
Yaeger Zhang	VPATH	Evaluation of commercial verses homologous vaccines for the prevention of abortion due to <i>Campylobacter jejuni</i> (IA3902)	Sheep
Minion Strait	VMPM	Evaluation of <i>Mycoplasma hyopneumoniae</i> Surface Protein Diversity	Swine
Rosenbusch Strait	VMPM	Characterization of immunomodulatory <i>Mycoplasma bovis</i> surface proteins	Cattle

** Denotes continuation of project, 2nd of 3 years | *** Denotes continuation of project, 3rd of 3 years