

## Bibliography and References Cited

### *Summary*

*Communication of research findings to producers, veterinarians, and scientists is a high priority activity of PRRS CAP participants. The following list contains all references cited in this grant application and all research publications by PRRS CAP1 participants. These include peer-reviewed publications of original research by PRRS CAP1 participants (114 total), abstracts and proceedings from presentations at scientific and producer meetings (348 total), and reviews of PRRS knowledge in the form of book chapters and theses (12 total). The PRRS CAP1 references are identified in bold. It is estimated that one third to a half of the publications originated directly from CAP1-funded projects and many publications cross projects. All of the bolded publications, as best as can be determined, are the work product of scientists who participate in PRRS CAP. Publications in the year 2004 may or may not represent research funded by PRRS CAP1, but represent the productivity of the CAP scientists. The list of proceedings and meeting abstracts is extensive and contains similar titles at multiple meetings. This fact emphasizes the high level of extension and communication provided by PRRS CAP.*

### **References 1-24 identify the CAP1 funded projects.**

1. Lopez, O, Role of neutralizing antibodies in protective immunity against PRRSV infection
2. Dee, S, Aerosol transmission of porcine reproductive and respiratory syndrome virus
3. Johnson, J, Identifying genes expressed differently in pigs with differential phenotypic responses to PRRSV
4. Osorio, F, Identification and characterization of PRRSV immunogenic subunits using viral vectors
5. Kleiboeker, S, Reference panels, novel biosensors and approaches to marked vaccines for PRRSV
6. Rowland, R, Management of PRRS Persistence: Identification of persistently infected swine
7. Wyatt, C, Development of methodologies for understanding epitope-specific T cell responses
8. Faaberg, K, Characterization of PRRSV Minor glycoproteins for use in a second-generation vaccine
9. Munoz-Zanzi, C, Modeling of dynamic PRRS serologic profiles for herd stability monitoring in sow herds
10. Fang, Y, Production of monoclonal antibodies against the PRRSV non-structural proteins
11. Dee, S, Aerosol transmission of porcine reproductive and respiratory syndrome virus: Application to the Field
12. Erdman, M, Alphavirus as a vaccine vector for PRRSV
13. Risatti, R, Mapping PRRSV genetic determinants of macrophage host range and immune modulation
14. Liu, H, Host cell-virus interactions required for PRRSV
15. Murtaugh, M, Integrative analysis of a PRRSV challenge model of immune resistance.
16. Lunney, J, Long term PRRSV persistence: Understanding the mechanisms involved in controlling, regulating and predicting PRRSV persistence
17. Rowland, R, Role of inflammatory cytokines in growth performance during PRRSV infection

18. Baker, R, Quantifying risk and evaluating the relationship between risk score and PRRS negative herd survival
19. Grant, S, Nanosensor architecture for rapid PRRSV detection
20. Zuckermann, F, Functional inhibition of porcine plasmacytoid dendritic cells by PRRSV
21. Goldberg, T, Viral genetic variation and cross-protective immunity to PRRSV: An integrated and experimental and epidemiological approach
22. McCaw, M, Identification of immune response alterations and genetic mutations associated with failure of protection against heterologous PRRSV challenge
23. Fang, Y, The role of PRRSV nonstructural protein 2 in viral replication
24. Christopher-Hennings, J, PRRSV surveillance, elimination and immunity in boars and boar semen

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**CRWAD = Conference for Research Workers in Animal Diseases**

**Proc. AASV = Proceedings of the American Association of Swine Veterinarians annual meeting.**

**Proc. ISVEE = Proceedings Symp Intl Soc for Veterinary Epidemiology and Economics**

**Proc. IPVS = Proceedings of the IPVS Congress, Copenhagen, Denmark**

**Proc. Leman Conf = Proceedings of the Allen D. Leman swine conference, St. Paul, MN.**