

Milestones:

NC229	2014 (4 mos)	2015 (12 mos)	2016 (12 mos)	2017 (12 mos)	2018 (12 mos)	2019 (8 mos)	Projected major outcome for each objective
Objective 1							
1.1 PRRSV immunity and vaccinology	—————→						Cross protection amongst PRRSV strains feasible
1.2 PRRSV epidemiology surveillance	—————→						Effective biosecurity barriers perfected and completely understood
1.3 Economic Impact of Interventions	—————→						Cost effective alternative interventions identified and weighted
Objective 2							
2.1 PEDV							
Diagnostic/lab methods	—————→						Serologic and viral procedures optimized and in place
Vaccinology/Epidemiology	—————→						Complete understanding of PEDV protective immunity Standard PEDV reference reagents in place Viral evolution models in place
2.2 Influenza							
Protection of swine herds	—————→						Hetrologous protection X swine influenza achieved
Public health implications	→	→	→	→	→	→	Monitoring on a permanent basis, to protect swine industry and humans alike
2.3 ASFV							

Vaccine design and Development							ASFV strain variation understood Feasibility of vaccination accepted and actively investigated
Diagnostic surveillance prevention of infection occurrence							Optimal standards of ASFV surveillance attained in the US and maintained on a permanent basis