

6-7-2018

Host Factors Involved in Porcine Reproductive and Respiratory Syndrome Virus Entry

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Recommended Citation

Lee, Young-Min, "Host Factors Involved in Porcine Reproductive and Respiratory Syndrome Virus Entry" (2018). *Funded Research Records*. Paper 69.

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DATA MANAGEMENT PLAN

When resources have been developed with USDA funds and the associated research findings published or provided to USDA, they will be made available for research purposes to qualified individuals (e.g., other USDA-funded researchers) within the scientific research community.

1. Expected Data Type/Format

The proposed research will generate new cell lines, plasmids, cDNA libraries, shRNA libraries, recombinant viruses, and primary sequence information. The project will be conducted by laboratory experiments.

2. Data Sharing and Public Access

Data generated by the proposed research will be shared via the conventional mechanisms of presentations at scientific meetings and publication in peer-reviewed scientific journals to move forward the discovery and development for emerging infectious diseases. Peer-reviewed journal articles produced by the proposed research will be submitted to the digital archive PubMed Central.

3. Sharing Model Organisms

Model organisms and materials developed with USDA funds and the associated research findings published or provided to USDA will be made available to qualified individuals (e.g., other USDA-funded researchers) within the scientific community via applicable Utah State University Material Transfer Agreements and/or licensing agreements through the Office for Technology Commercialization. Sharing of organisms and materials will be deposited into a central repository or center such as the Biodefense and Emerging Infections Resources Repository, making them available to the broader research community.

4. Genome-Wide Association Studies

Genome-wide association studies (GWAS) generated with USDA funds and their associated activities will be made available to the scientific research community. This will be accomplished by ensuring that the projects provide a viable plan for submission of GWAS data to one of the public GWAS data repositories.

5. Roles and Responsibilities

The PI of the project will ensure the implementation of the proposed Data Management Plan.