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Professor, Microbiology
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Area of Expertise:

- Bacteriology
- Food safety (poultry products)
- Vaccinology

Focus of Research:

- *Salmonella* Bioremediation (pre-harvest)
- Bacteriophage Felix O1 (*Salmonella* lytic phage)
- Nanoparticle delivery systems for vaccines and therapeutics
- Recombinant vaccine development

Current Funded Projects - Selected (Source):

- Evans, N.P., F.W. Pierson, **N. Sriranganathan (Co-PI)**. Control of Hemorrhagic Enteritis in the Shenandoah Valley and Continued Research for Disease Prevention. 2015 (2yr) Cargill Turkey LLC. and Virginia Poultry Growers Co-Operative (\$270,750).
- Evans, N.P., P. Karnezos, M. Sims, **N. Sriranganathan (Co-PI)**, F.W. Pierson. Investigation of Medium Chain Fatty Acids for *Salmonella* Reduction in Poultry with the In-Vivo Imaging System. 2015 (1 yr) Land O'Lakes (\$10,273.00).
- **Sriranganathan, N. (PI)**, S. Boyle, R. Prater, S. Elswafi. Nanoparticles to deliver antisense nucleic Acid Constructs as Therapeutics for Intracellular Bacterial Infections, 2015 (2 yr) VMCVM-VCOM Center for One Health Seed Grant (\$56,014).
- **Sriranganathan, N. (PI)**, E. Subbiah, S Boyle. A Novel Recombinant Safe Vaccine to Control Boar Taint. 2015 (2 yr) Smithfield Foods, Inc. (\$865,489).