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Area of Expertise:

- Anatomic Pathology (including poultry)
- Virology
- Immunology

Focus of Research:

- Host-pathogen interactions
- Mechanisms that modulate the host immune system to favor viral persistence
- Immune-mediated diseases (hepatitis E - chickens)
- Inflammation
- Vaccine development

Current Funded Projects - Selected (Source):

- Zhang, C., **T. Cecere Co-PI**, Development of Recombinant Universal Vaccines Against PEDV. 2015 (1 yr) Smithfield Foods, Inc.
- Allen, C., **T. Cecere (Co-I)**. Evaluating NLR Modulation of Canonical and Non-canonical NF- κ B signaling in inflammatory bowel disease. 2015 (2 yr) NIAID / NIH / DHHS.