NIH-funded Postdoctoral Position in Mucosal/Viral Immunology

An NIH post-doctoral research position is available immediately in the laboratory of Drs. Linda J. Saif and Anastasia Vlasova of The Ohio State University for a recent PhD trained in mucosal/viral immunology. Research focus is on mucosal immunity to enteric viruses (rotavirus, coronavirus, etc) and mucosal viral vaccines in pregnant sows in the context of animal models for human disease and vaccines. Emphasis is on passive immunity (maternal vaccines) and immunomodulators (adjuvants, micronutrients, probiotics, etc), including vitamin A, that enhance vaccines and reduce disease in nursing neonates. Additional training/experience in virology and in vitro cell culture and animal models is also desired. Our laboratory focuses on comprehensive and integrated studies of innate and adaptive mucosal immune responses in neonates to enteric viral pathogens and vaccines and the impact of gut commensals/probiotics/micronutrients on these responses. Immune correlates of protection are assessed by viral challenge of neonatal animals.

Requirements:
- A recent PhD in immunology or virology with viral immunology training
- Relevant documented experience in immunology including immunoassays and flow cytometry, microarrays and molecular assays.
- Experience in mucosal immunology, virology, biostatistics, cell culture, animal models desired.
- Excellent written and oral communication skills in English documented by scientific presentations and peer-reviewed publications
- Ability to independently analyze and present scientific data at meetings and prepare and submit scientific reports and publications
- Ability to collaborate within a research team

Please send resume, one page statement of laboratory skills, scientific accomplishments, interests and goals and contact information for 3 references including supervisors via e-mail addressed to:

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