Mission Statement

The Infectious Diseases Institute will generate solutions to the detrimental effects of microbes on the health of humans, animals, plants, and the environment for the benefit of society.

Campus-wide Capabilities

- 220 faculty across 13 internationally recognized colleges at Ohio State
- United Nations Food and Agricultural Organization North America Antimicrobial Resistance Reference Center
- National Institute of Antimicrobial Resistance Research and Education member
- Plant and Animal Agrosecurity Research facility
  - BSL-3 and BSL-3Ag facilities
  - Arthropod Containment Level 2 facility
- World-class clinical research hospitals
  - Nationwide Children's Hospital (NCH)
  - Wexner Medical Center
  - Veterinary Medical Center
- Funding sources: NIH, CDC, FDA, USDA-NIFA, DoD, and Industry
- Cross-cutting collaboration partners
  - Center for Clinical and Translational Sciences
  - Center for Retrovirus Research
  - Global One Health Initiative
  - Institute for Genomic Medicine @NCH

Current Research Focus Areas

- Antimicrobial Resistance
- Ecology, Epidemiology, and Population Health
- Host Defense and Microbial Biology
- Microbial Communities
- Prevention, Detection, and Therapies
- Viruses and Emerging Pathogens

Engage with the Infectious Disease Institute (IDI) Team and Network

- Sponsored research collaborations — Expert interdisciplinary teams to solve your challenges
- Consulting services — Comprehensive network of subject matter experts
- Testing services — Testing and evaluation to bolster your development pipeline
- Resource access — Specialized facilities and clinical trials
- Sample access — Extensive stable culture isolates and related materials available through MTAs
- Trainee and workforce development — Highly qualified future employees and options to bring new skills to your team
About the Infectious Diseases Institute

The Ohio State University Infectious Diseases Institute (IDI) was established by a multi-million-dollar internal investment in infectious disease research and education with the mission of uniting an interdisciplinary community to discover societally beneficial solutions to improve the health of humans, animals, plants, and the environment. The IDI represents one of the most comprehensive infectious disease research organizations in the world, covering a multitude of areas from human clinical trials in pharmacology and immunology at Wexner Medical Center and Nationwide Children’s Hospital; to companion and large animal clinical studies at the Veterinary Medical Center; to food/agricultural research at the Ohio Agricultural R&D Center; to biotechnology development within the College of Engineering; to welfare research within the Colleges of Nursing, Social Work, Public Health, Medicine, and the Glenn College of Public Affairs. The IDI also boasts generous internal support from the Office of Research for dedicated marketing, business development, program management, and proposal development staff, as well as financial support for interdisciplinary seed grants, targeted investments, travel awards and seminars/workshops. The combined activities of IDI are a driving force in innovation locally and globally, transforming the way we think about infectious disease and microbiology research, education and outreach.

IDI Contacts for Further Discussion and Engagement

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Dr. Faith is the Strategic Alliance Officer for the Infectious Diseases Institute. He directs business development efforts with government, industry and foundation sponsors, interfacing closely with faculty and internal university organizations to deliver high-value research and educational opportunities. Dr. Faith has extensive scientific leadership experience in virology, vaccines, genomics, and biodefense, as well as business development experience for large cross-cutting government, industry and academic programs.

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Dr. Oglesbee is the Director of the Infectious Diseases Institute and a professor in the College of Veterinary Medicine. Dr. Oglesbee has led a 25-year research program focused on neurovirology, neuro-oncology, and comparative neuropathology. Relevant expertise is based upon a PhD in virology and a comparative medical education combined with specialty board certification in veterinary anatomic pathology.