

# Post-Doctoral Research Associate

Aquatic Animal Health Laboratory, Michigan State University

East Lansing, Michigan, United States

Application deadline: *until filled*

Contact PI: Dr. Bartolomeo Gorgoglione



## Post-Doctoral Researcher in Pathobiology of co-infections in fish

The Aquatic Animal Health Laboratory, of Dept. of Pathobiology and Diagnostic Investigation at Michigan State University, invites applications for a full-time postdoctoral position to study the pathobiology of co-infections in fish.

The study of co-infections affecting fish offers fascinating novel opportunities to understand host-pathogen dynamics eliciting different pathological and immunological outcomes, rather than as classically assessed in highly controlled single infections. The selected scientist will join Dr. Gorgoglione's new laboratory at MSU, focusing on fish immunopathology, for characterizing the host response toward multiple infections patterns. Candidates should have a positive attitude for interacting with students (either at undergraduate and postgraduate level) and collaborators. Written and oral skills, as demonstrated by prior publications/presentations, abilities to work independently on challenging and innovative research, good organizational and interpersonal skills will be considered. The position is suitable for international candidates. Applicants should have experience with *in vivo* and *in vitro* several lab techniques, including:

- Molecular biology techniques, such as DNA/RNA isolation, PCR techniques, immunoblotting
- Bioinformatics and statistical analysis
- Histopathology, immunohistochemistry, *in situ* hybridization
- Pathogen and tissue culture techniques, basic virology methods
- Fish necropsy, tissue samples collection and processing

Position details:

Education requirements: Ph.D. in microbiology, molecular biology, or related to fish infectious disease or immunology.

Salary: \$ 48,671 / year (100 % Full-Time-Equivalent), with benefits provided.

Appointment: 1 year (annually renewable)

Application procedure:

a complete application should be submitted through [MSU Careers website](#) (Job # [619403](#)) and should include:

- Cover letter, with statement of research interests and motivation of why your expertise is appropriate for the position
- Curriculum Vitae (CV), with a complete list of scientific publications
- Copy of doctoral degree and other relevant degree certificates (scanned; in English)
- Names and contact information for max three persons willing to act as references

For further questions, please contact Dr. Bartolomeo Gorgoglione ([BartGorg@msu.edu](mailto:BartGorg@msu.edu)).

[Michigan State University](#) is an equal opportunity, affirmative action employer and educator. Women and individuals from under-represented minorities are strongly encouraged to apply. Final appointments will be subject to a pre-employment screening. MSU has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.