**ZeoVation Microbiologist Job Description**

ZeoVation, Inc. is a functional material company, co-founded by Dr. Bo Wang and Prof. Prabir Dutta in 2016 to commercialize their inventions and develop value-added functional products, including highly potent antimicrobial agents and sunscreen active ingredients.

Starting 2019, ZeoVation has been sponsored by National Science Foundation (NSF) through the Small Business Innovation Research (SBIR) program and recently received contract from the Air Force to develop, manufacture and commercialize the antimicrobial products. With the expansion of our product development needs, we plan to build our own antimicrobial testing facility. We are looking for a microbiologist to join our team and lead the effort of antimicrobial testing.

- **Responsibilities**
  - Lead the effort to build antimicrobial testing facility.
  - Propagation, maintenance, and quantitation of a broad array of human pathogenic (BSL2) bacteria and fungi by spectrophotometry, colony formation, and other assays,
  - Experimental design, assay development and optimization, in support of evaluation of antimicrobial properties of a variety of nanoparticle-based coatings applied to surfaces of different materials (glass, metals, plastics, fabrics, etc.).
  - Analyze and report results through written reports and oral presentations.
  - Contribute to product development collaboration and proposal writing.

- **Requirements**
  - BS or higher degrees in Microbiology or related discipline with experience sufficient to support the above listed activities.
  - Extensive experience in microbial experiments, including fungi, bacteria and virus.
  - Demonstrated leadership.
  - Strong experiment, communication and presentation skills.
  - U.S. citizen or permanent resident.
  - Contact Prabir Dutta (dutta.l@osu.edu) to apply.