



POST-DOCTORAL and STAFF SCIENTIST POSITIONS AVAILABLE

The Andersen Lab is moving to the Department of Biology at Johns Hopkins University in Baltimore, Maryland, starting in September 2023. This vibrant and world-class research environment will enrich studies by the lab's highly collegial and hard-working team. Multiple NIH- and NSF-funded positions are available to develop independent scientific paths with support from our interdisciplinary team. All recent post-docs have moved on to careers of their choice in industry or academia. Staff scientists have the opportunity to lead their own teams, gain funding, and obtain independence.

The lab focuses on a variety of topics ranging from mechanistic studies of proteins and cells to populations in diverse ecosystems. All projects are focused on nematodes, primarily *Caenorhabditis* species, but also novel parasitic nematode model species. Major areas of continuing interest and expansion within the lab include...

- **Anthelmintic resistance in free-living and parasitic nematodes:** high-throughput resistance assays, gene discovery using molecular and quantitative genetics, genomics and gene expression
- **Development of new Ascarid model species:** genome assembly using multiple sequencing technologies, gene model generation, focus on poultry and rodent Ascarid species
- **Comparative genomics and host-pathogen evolution:** computational approaches for gene modeling and orthology, genetic crosses, and novel transgenesis methods

More information about the lab can be found at <https://andersenlab.org>

Johns Hopkins University was the nation's first research university and is consistently the top-funded NIH research university. Post-doc associations are highly supportive. The Biology Department comprises an unparalleled community of creative and engaged colleagues along with ample resources and core facilities. **Starting salaries will be well above the NIH minimum**, enabling a comfortable life in Baltimore.

Candidates must possess a Ph.D. or equivalent degree in parasitology, genetics, genomics, or related fields. Experience with poultry or rodent species is encouraged but not required. Scientists from underrepresented backgrounds are encouraged to apply. Interested applicants should send (1) a cover letter describing previous research and interest in the Andersen lab (1 pg); (2) a CV; and (3) names and contact information for three academic references to erik.andersen@jhu.edu. These positions are available after September 1, 2023, but applications will be accepted and considered until all positions are filled. Johns Hopkins is an Equal Opportunity employer. Hiring is contingent upon work eligibility in the USA.

