

**Opportunity Title:** Postdoctoral Research Opportunity- Microbiology and Immunology

**Opportunity Reference Code:** ARS-ABBL-2015-0026

**Organization** U.S. Department of Agriculture (USDA)

**Reference Code** ARS-ABBL-2015-0026

**How to Apply** A complete application package consists of:

- An application
- Transcript(s) – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV

If you have questions, send an email to [USDA-ARS@oru.org](mailto:USDA-ARS@oru.org). Please include the reference code for this opportunity in your email.

**Description** A Postdoctoral Research Opportunity is available with the U.S. Department of Agriculture (USDA) Agricultural Research Service (ARS) Animal Biosciences and Biotechnology Laboratory (ABBL) in Beltsville, Maryland.

The selected applicant will serve as a researcher in the Animal Biosciences and Biotechnology Laboratory. Selected applicant is responsible for systematically conducting independent research on the enteric diseases of poultry which will ultimately lead to a novel product to use against Coccidiosis, a poultry disease. The selected applicant is also responsible for writing scientific papers concerning his research.

The appointment is full-time for one year and may be extended based on recommendation of the ARS and availability of funding. The selected applicant will receive a stipend as support for their living and other expenses during this appointment. Stipend rates are determined by ARS officials, and are based on the applicant's academic and professional background. The participant must show proof of health and medical insurance. Health insurance can be obtained through ORISE. **The participant does not become an employee of ARS or ORISE.**

While participants will not enter into an employment relationship with ARS, this position requires a pre-employment check and a full background investigation.

This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizen Details](#) page of the program website for information about the valid immigration statuses that are acceptable for program participation.

This is an equal opportunity program open to all qualified individuals without regard to race, color, age, sex, religion, national origin, mental or physical disability, genetic information, sexual orientation, or covered veteran's status.



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For more information about the ARS Research Participation Program, please visit <http://www.orise.orau.gov/usda-ars>.

**Qualifications** Eligible applicants must have received a doctorate degree in Veterinary Microbiology and Immunology and a DVM degree within five years of the desired starting date.

Preferred skills include:

- Handling poultry including sacrificing chickens and collecting samples such as tissues, blood, spleen, duodenal loop, caeca, crop, and thymus.
- Performing routine and recurring techniques using a variety of specialized equipment including FACSCalibur, Luminex, in Ovo Egg Injector, Confocal Microscope.
- Making and culturing hybridoma cells and producing ascities for purified monoclonal antibodies. Preparing, purifying, and testing bioactivity in proteins using standard biochemical procedures.
- Writing original manuscripts is crucial.

**Eligibility Requirements**

- **Degree:** Doctoral Degree.
- **Discipline(s):**
  - **Life Health and Medical Sciences** (2 👁)