



New Jersey Medical School

**Multiple Lab Positions in Coronavirus pathogenesis and virus-host interaction**  
**Wong Lab, CVHII, Rutgers New Jersey Medical School**

Multiple positions are available in the Wong lab at the Center for Virus-Host-Innate-Immunity (CVHII), Rutgers New Jersey Medical School (NJMS) in Newark. We are actively recruiting postdoc, graduate student, research assistant/technician and research scientist. The overall research interest of the lab is to understand how coronaviruses cause disease. We are seeking highly motivated and talented individuals to join our team and contribute to multiple projects investigating coronavirus pathogenesis, biology, immunology and virus-host interaction with various innovative models and developing models for studying coronavirus infection. We are also developing other projects on antibody discovery and epitope mapping and aim to contribute to generating novel antivirals against coronavirus infection. Our collaborative projects include studying multiple coronaviruses, with emphasis on MERS-CoV and SARS-CoV-2.

The Wong Lab is part of CVHII at Rutgers-NJMS, which is also part of the Institute for Infectious and Inflammatory Diseases (i3D) with close interaction with the Center for Immunity and Inflammation (CII). The outstanding scientific environment provides opportunities to interact with leading scientists in different areas of innate immunity and infectious diseases at Rutgers. Members of the CVHII have access to state-of-the-art BSL3/ABSL3 facilities at our Regional Biocontainment Laboratory (RBL) supported by the NIAID. The location also offers excellent opportunities to explore the New York metropolitan area. Multiple positions will be available starting from November 1st, 2023.

**Qualifications:**

We are seeking candidates with a relevant degree and experience in biological sciences or related fields for different positions. Candidates for postdoctoral positions should have or expect to have a Ph.D. or equivalent degree by the start date while candidate for predoctoral positions should have or expect to have completed their undergraduate degree by the start date. Prior experience in animal work, virology, and immunology is preferred. Candidates with expertise in analyzing immune cell populations by flow cytometry either in clinical or animal samples are highly encouraged to apply. Successful candidates will receive training in a variety of techniques used in virology, immunology,



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cell biology and animal work including BSL3 practices, flow cytometry, tissue culture, confocal microscopy, and molecular biology.

Interested candidates should contact Dr. Roy Wong ([roy.wong@rutgers.edu](mailto:roy.wong@rutgers.edu)) and include a cover letter addressing their qualifications and interest in the position and a copy of their CV with contact information for three references.

The Wong lab aspires to create a respectful, diverse and vibrant environment for those who are interested in science and coronaviruses. Underrepresented minorities are encouraged to apply. For more information about the lab, please visit [www.roywong-cov.com](http://www.roywong-cov.com)