

Postdoctoral Position: Molecular Virology

A Postdoctoral Research position in Molecular Virology is available at the Department of Pediatric Infectious Diseases and Immunology at the School of Medicine at the Pontificia Universidad Católica de Chile. The candidate will be expected to apply Molecular biology, Cell Biology, classical virology and immunological approaches to the understanding of viral replication. The selected candidate will join a multidisciplinary team of scientist studying molecular aspects of virus (Orthomyxoviridae, Hantavirus, Retroviruses and Flaviviruses) replication. Work will be conducted as part of the Anillo Program Project No 1408 “Molecular Pathogenesis of Emerging Viruses”. Salary for the position will be commensurate to the FONDECYT Postdoctoral fellowships awarded by CONICYT (year 2015).

Position requirements:

- A completed Ph.D., or M.D./Ph.D. degree in Biomedical Sciences, Biology, Biochemistry, Microbiology, Virology, Immunology, or related fields.
- Strong record of publication in Molecular Virology or in related fields.
- The candidate will be required to apply for a Postdoctoral Fellow from CONICYT during 2017.
- Experience in Cellular and Molecular Biology.
- Demonstrated experience in Virology, Clinical Virology, Molecular Virology and/or Immunology will be considered a plus.
- Excellent communication and organizational skills.
- Fluent in written and spoken English.

Positions responsibilities:

- Conduct basic (Molecular Virology) and translational research using viruses as model systems.
- Assist in the supervision and training of Doctoral and undergraduate students.
- Perform virological assays, including the manipulation of viruses under Biosafety Level 3 conditions.
- Collaborate with other principal investigators and international researchers of the Network Program.

Application:

Application guidelines should be personally requested to Dr. Rafael Medina at emergingviruses@gmail.com. Complete applications should be submitted to Dr. Rafael Medina at emergingviruses@gmail.com. Applications will be received until May 31, 2016. Enquiries can be directed to the same e-mail address.

Postdoctoral Position: Translational studies on Emerging Viruses.

We are seeking for a motivated postdoctoral fellow to join a multidisciplinary team of scientist studying molecular factors of severe disease due to influenza virus and Hantavirus at the Department of Pediatric Infectious Diseases and Immunology at the School of Medicine at the Pontificia Universidad Católica de Chile. The candidate will be involved in performing virological and immunological assays, to understand human disease and immune response to infection with these viruses. The selected candidate will work closely with clinical staff, basic scientist, bioinformatics specialist and a group of world-renowned international collaborators as part of the Anillo Program Project No 1408 “Molecular Pathogenesis of Emerging Viruses”. Salary for the position will be commensurate to the Fondecyt Postdoctoral fellowships awarded by CONICYT (year 2015).

Position requirements:

- A completed Ph.D., or M.D./Ph.D. degree in Biomedical Sciences, Virology, Immunology, or related fields.
- The candidate will be required to apply for a Postdoctoral Fellow from CONICYT during 2017.
- Experience in innate and cellular immunology.
- Excellent communication and organizational skills.
- Fluent in written and spoken English.
- Competence in statistical analyses.

Positions responsibilities:

- Coordinate with clinical staff, the recruitment of patients, and the collection and processing of human samples from patients infected with influenza or Hantavirus.
- Help maintain a clinical metadata electronic archive (database) following international and national Institutional Ethics Committees standards.
- Assist in the maintenance and organization of a state of the art cryopreserved collection of biological samples.
- Assist in the supervision and training of Doctoral and undergraduate students.
- Perform immunological assays, including Multiplex Luminex assays, ELISPOTS, Multicolor Flow Cytometry, *in vitro* cell activation assays, among others.
- Perform virological assays, including the manipulation of viruses under Biosafety Level 3 conditions.
- Perform multivariate and integrative metadata analyses
- Collaborate with other principal investigators and international researchers of the Network Program.

Application:

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