**Postdoctoral Fellow**  
The Lundquist Institute

Applications are invited for a Postdoctoral Fellowship in the Jendzjowsky Lab investigating neuro-immune control of airway defense at The Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center. Reporting to Dr. Nicholas Jendzjowsky, the Postdoctoral Fellow will actively participate in laboratory's important research. The primary duties will involve designing and executing experiments for projects focused on the neuro-immune sensing and reflex implementation in response to allergens and bacteria.

The Lundquist Institute is an independent, non-profit research institute with over 110 investigators, 600 scientists, trainees and technicians as well as administrative staff. In the 67 years since its founding, The Lundquist Institute has made seminal contributions to Science and Medicine, including the modern serum cholesterol test, the creation and implementation of a training system for paramedics, and the development of enzyme replacement therapy for lysosomal storage diseases. The Lundquist Institute intellectual property has enabled the formation of 10 spin-off companies over the last 9 years. Its ecosystem for innovation occupies 11.5 acres on the Harbor-UCLA campus in Torrance, CA. The newly completed research tower adds 80,000 square feet of state-of-the-art laboratory, office and public space to our scientific infrastructure.

**KEY RESPONSIBILITIES INCLUDE, BUT ARE NOT LIMITED TO:**

- Adheres to standards for safety and hygiene and ethical conduct as defined by the Institute and relevant outside parties.
- Perform and design experiments involving neuronal cell imaging using two photon/multiphoton microscopy, 3D tissue clearing, cell culture of neurons and neuroendocrine cells; immunocytochemistry, immunohistochemistry, and immunosorbent assays

**MINIMUM QUALIFICATIONS**

- PhD in neuroscience, physiology, biomedical sciences or equivalent.

**OTHER QUALIFICATIONS**

- The ideal candidate will possess the following knowledge, skills and professional competencies:
  - Background in neuroscience.
  - Candidate must have significant experience in molecular biology.
  - Flexibility in work schedule to accommodate experimental need that may occur on any day of the week. In-depth knowledge of the scientific principles, methods and processes (technical and/or theoretical) used to conduct scientific research– including experimental design, methods of data collection and analysis, and interpreting and reporting results.
  - Demonstrated expertise at working across and within disciplines.
  - A proven team player, able to collaborate and motivate successfully.
  - Ability to plan workload effectively.
  - Excellent interpersonal skills.
  - Confident and competent experimentalist.
  - Excellent verbal and written communication skills and the ability to work well independently or as part of a team.