

Overview:

Paradox Immunotherapeutics is a Toronto-based pharmaceutical company developing immunotherapies for rare diseases that cause organ failure. Using a proven-successful immunotherapy drug design platform, they design drugs that harness the body's own immune system to clear lethal deposits from affected organs and reverse organ damage. The company is founded by the same team that designed PRX004, an immunotherapy to treat heart failure caused by transthyretin (ATTR) amyloidosis. PRX004 was licensed to Prothena Biosciences Inc. (So. South Francisco, USA) by University Health Network (Toronto, Canada) and entered FDA clinical trials in 2018 (NCT#03336580). Using the same platform technology, their current research pipeline includes a potential treatment for immunoglobulin light chain (AL) cardiac amyloidosis, another cause of heart failure for which no first-line therapy currently exists and a US market opportunity of ~\$3.2B. With a team of experts in immunotherapy drug design, they possess an orphan drug discovery platform for the potential treatment of ~30 rare diseases, a platform technology which has already sparked the interest of major players in the pharmaceutical industry.

For more information: <https://tedrogersresearch.ca/2019/06/world-first-technology-to-clear-the-heart-of-dangerous-protein-deposits/>

Job Title: Industrial Post-doc

Job Type: Full-time (1-year contract)

Number of openings: 2

Job site: Discovery District, Toronto, ON

Position Description:

The successful candidate will be required to report to the chief scientific officer and co-founders while performing standardized laboratory research techniques and procedures described below:

General skillsets required:

- Keep accurate, detailed, up-to-date laboratory notebooks
- Summarize data for presentations and reports
- Contribute to technical reports, study reports and manuscripts
- Collaborate with research development team members to accomplish organizational and corporate goals
- Maintain good laboratory practices
- Assist with general lab management tasks as needed
- Maintain laboratory facility and supplies

SPECIFIC SCIENTIFIC EXPERTISE REQUIRED:

- **DESIGN AND EXECUTE SURFACE PLASMON RESONANCE BINDING ASSAYS**
OR
- **MOUSE HANDLING, SURGERY, AND LIVE ANIMAL IMAGING**

Knowledge, skills and experience:

- PhD in biochemistry, biological sciences, or related discipline
- Demonstrated experience with immunoassays, affinity binding assays or flow cytometry is preferred
- Able to conduct experiments, analyze data and perform troubleshooting without supervision when needed
- Quick learner, entrepreneurial spirit and work ethic, able to work with a small and versatile research team committed to meeting tight deadlines
- Strong interpersonal skills that inspire and earn trust with team members, partners and collaborators
- Superior written and verbal communication skills; able to communicate clearly and credibly with business partners, executive leadership, and exterior collaborators
- Flexible and adaptable working style; willing to take on new assignments and resilient to respond to new challenges
- Proficiency in English with excellent written and verbal communication skills
- Legally allowed to work in Canada

Education:

- PhD required (graduated within last 5 years)

Job posted: Nov 28, 2019

Candidates interested should send a cover letter and CV to: yulong@paradoximmuno.com