Wong Lab Seeking Postdoctoral Research Fellow

Looking for an outstanding young scientist to join the Wong lab as a Postdoctoral Research Fellow (https://lab.research.sickkids.ca/wong/) at the Hospital for Sick Children in Toronto. This position is perfect for a highly motivated PDF interested in studying a novel gene editing technique for CF therapy. The individual will be able to work closely with an industry partner on this exciting well-funded project. Our lab uses a combination of CRISPR gene-editing tools to generate novel human ES/iPS cell reporters and gene therapy, cellular barcoding, single cell genomics, stem cell organoid cultures, high resolution light-sheet microscopy, high content/high throughput robotics, stem cell engineering and functional assays. We are a lab highly immersed in an environment with top-notch Scientists researching Cystic Fibrosis (CF) disease, stem cells and regenerative medicine.

Our ultimate goal is to find personalized treatments for each individual with CF.

Here’s What You’ll Get To Do

- Lead a recently funded project on gene therapy for CF.
- Work closely with an industry partner on this gene therapy project for CF.
- Mentoring of graduate/undergraduate/high school students is encouraged. We believe in paying it forward!
- Acquire knowledge in pre-clinical animal models, human stem cell models, and therapeutic strategies for CF.
- Disseminate research findings through publications, presentations at local seminars and international conferences.
- Collaborate on other projects in the lab.
- Work in an inclusive and supportive environment.
- Excellent trainee support at SickKids with great opportunities for networking and career development.

Here’s What You’ll Need

- PhD with previous postgraduate training in CRISPR gene editing, cell biology, molecular biology, animal models.
- Prior experience with stem cells, animal models and computational biology or a closely related field would be an asset.
- Must be highly self-motivated, well-organized with great time and project management, and willing to collaborate with other researchers.
- Excellent communication, written and interpersonal skills are mandatory.

To apply, submit CV with cover letter and academic transcripts directly to Dr. Amy Wong at apwong@sickkids.ca.

Thank you for your interest.