

Postdoctoral position to study immunity against hepatitis C virus

A postdoctoral position is available in the laboratory of Dr. Naglaa Shoukry at Centre de Recherche du CHUM, Montreal, Canada to work on an NIH-funded project in collaboration with Dr. Chris Walker at Nationwide Children's, Columbus, OH. The goal of this project is to compare different aspects of the immune response against hepatitis C virus in a set of unique and rare samples from humans and primate models of HCV infection. As part of this collaborative project, the candidate is expected to spend some time in Dr. Walker's lab in Columbus, OH.

For more information on Dr. Shoukry's research please refer to:

<http://www.canhepc.ca/en/members-category/nominated-principal-investigator>

For more information on Dr. Walker's research please refer to:

<http://www.nationwidechildrens.org/christopher-m-walker>

Requirements:

- Ph.D. in Immunology, Virology or a related field
- Experience in tissue culture and multicolor flowcytometry.
- Experience in handling human infectious material is an asset.

Interested applicants should forward their curriculum vitae, a cover letter explaining their interest in this post and the names and contact information for 2 references to Dr. Naglaa Shoukry: naglaa.shoukry@umontreal.ca

Only candidates selected for an interview will be contacted.

Relevant Publications:

Boisvert M, Zhang W, Elrod EJ, Bernard NF, Villeneuve JP, Bruneau J, Marcotrigiano J, Shoukry NH, Grakoui A. Novel E2 Glycoprotein Tetramer Detects Hepatitis C Virus-Specific Memory B Cells. *J Immunol.* 2016 Dec 15;197(12):4848-4858.

Abdel-Hakeem MS, Bédard N, Murphy D, Bruneau J, Shoukry NH. Signatures of protective memory immune responses during hepatitis C virus reinfection. *Gastroenterology.* 2014 Oct;147(4):870-881.e8.

Shoukry NH, Grakoui A, Houghton M, Chien DY, Ghayeb J, et al. Memory CD8+ T cells are required for protection from persistent hepatitis C virus infection. *J Exp Med.* 2003 Jun 16;197(12):1645-55.

Grakoui A, Shoukry NH, Woollard DJ, Han JH, Hanson HL, et al. HCV persistence and immune evasion in the absence of memory T cell help. *Science.* 2003 Oct 24;302(5645):659-62.