POST-DOCTORAL FELLOW POSITION:
QUANTITATIVE CELL BIOLOGY & MORPHOGENESIS LAB

INSTITUTE OF BIOMATERIALS & BIOMEDICAL ENGINEERING
UNIVERSITY OF TORONTO

A post-doctoral fellow position is available in the Quantitative Cell Biology & Morphogenesis Lab under the supervision of Professor Rodrigo Fernandez-Gonzalez (rodrigo.fernandez.gonzalez@utoronto.ca).

Potential areas of investigation include super-resolution microscopy analysis and modelling of molecular dynamics during embryonic wound repair, the role of mechanical forces in orienting cellular behaviours in developing embryos, or image analysis of collective cell movements during cardiac morphogenesis.

Requirements include a PhD and/or MD.

Individuals proficient in computer programming, and with previous experience with image analysis and/or mathematical modelling, and cell/molecular biology methods will be given preference.

The laboratory is situated in the Translational Biology and Engineering Program, which is the U of T component of the Ted Rogers Centre for Heart Research.

The lab is also affiliated with the Institute of Biomaterials and Biomedical Engineering (IBBME), the Department of Cell and Systems Biology at the University of Toronto, and the Developmental and Stem Cell Biology Program at the Hospital for Sick Children in Toronto, Ontario, Canada.

The successful candidate must meet legal requirements to work in Canada.

The above description is for information only. It is not an official job description or posting. Please contact the principal investigator for more information.