Position title: Graduate student in pharmacoepidemiology  
Location: Centre for Clinical Epidemiology, Lady Davis Institute - Jewish General Hospital, Montreal, QC

This position is intended for an MSc student in epidemiology in the Department of Epidemiology, Biostatistics and Occupational Health at McGill University with strong interest in pharmacoepidemiological research. As part of his/her thesis work, the successful candidate will contribute to a pharmacoepidemiological study funded by the Canadian Institutes of Health Research (CIHR) that will assess the effects of direct oral anticoagulants (see below).

The Principal Investigator for this study is Dr. Douros, an Assistant Professor in the Department of Medicine (Division Clinical Epidemiology) and an Associate Member in the Department of Epidemiology, Biostatistics and Occupational Health at McGill University. His research program investigates the effectiveness and safety of commonly prescribed medications in vulnerable populations, including patients with liver disease or patients subjected to polypharmacy and at risk of drug-drug interactions. Given the underrepresentation of such populations in randomized controlled trials, this research program will provide much needed information regarding the benefit-risk profile of drugs. For the implementation of this research program, Dr. Douros uses large electronic healthcare databases such as the administrative databases of Quebec's health insurances and the United Kingdom’s Clinical Practice Research Datalink.

As part of this research program, Dr. Douros will assess the effectiveness and safety of direct oral anticoagulants, blood thinners used for ischemic stroke prevention in atrial fibrilliation, in patients with atrial fibrillation and concomitant liver disease. This is a vulnerable, high-risk population that was systematically excluded from randomized controlled trials in the area. Thus, the findings of this study will inform clinical decision making in this vulnerable population thereby improving patient care and health outcomes.

A CIHR-level MSc stipend will be provided. For information or to submit a CV with cover letter please contact (c/o Melissa Dahan at Melissa.dahan@ladydavis.ca):

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