

Position: Postdoctoral Fellow in Drs. Postovit (Queen's University, Canada), Larsson (Karolinska Institute, Sweden) and Dr. Topisirovic (LDI/McGill University, Canada)

Summary: Applications are solicited for a Postdoctoral fellow position focusing on a collaborative efforts initiated between the Postovit (Queen's University, Kingston, Canada), Larsson (Karolinska Institute, Stockholm, Sweden) and Topisirovic (McGill University, Montreal, Canada) labs that are focused on understanding the mechanisms that underpin plasticity of cancer cells and their ability to adapt to stressors emanating from their environment (e.g., hypoxia) and therapeutic insults (e.g., chemotherapeutics). More specifically, we are looking for a candidate who is interested in joining a team with broad and complementary expertise (e.g., systems biology, developmental, molecular, cellular biology and bioinformatics) whose major goal is to dissect the mechanisms that orchestrate epigenetic, translational and metabolic programs in context of cancer cell plasticity using state-of-the-art cell line-based and *in vivo* models. To this end, the candidate will be exposed to a multidisciplinary training program comprising a variety of well-established molecular, cell biology and biochemical techniques as well as newly developed systems biology (epigenomics, translationalomics, metabolomics) and associated bioinformatic approaches.

Qualifications: Interested candidates must hold a Ph.D. whereby the advantage will be given to those candidates with the strongest expertise in genetics/genomics (with a particular emphasis on epigenetics and protein synthesis) and/or metabolism. Previous authorship of high-quality publications in these or related areas will be expected. Evidence of interpersonal skills and the ability to work collaboratively in a team will be sought.

Job Details: The position can be taken at any of the participating labs in Queen's University, Karolinska Institute or McGill University. The contract will have a one year probationary period and may be extended for up to five years. The salary will be competitive and commensurate with experience. The deadline for receiving applications is 29th of June, 2022 whereby the start date will be flexible. Applicants should submit, in electronic form: curriculum vitae, names and contact information of three references and a signed letter of interest describing relevant experience and qualifications.

These materials should be sent to:

Lynne Postovit; e-mail: l.postovit@queensu.ca

Ola Larsson; e-mail: ola.larsson@ki.se

Ivan Topisirovic; e-mail: ivan.topisirovic@mcgill.ca

Equal Opportunity Employer Statement: All qualified candidates are encouraged to apply; Our Institutions are committed to diversity and equity in employment. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification.

Only the selected candidates will be contacted for an interview