

Postdoctoral and studentship positions available!

The laboratory of **Dr. Myriam Hemberger** and **Dr. Wendy Dean** in the Departments of Biochemistry & Molecular Biology and Cell Biology & Anatomy, Cumming School of Medicine, and the Alberta Children's Hospital Research Institute, at the **University of Calgary** is accepting applications from talented and highly motivated candidates in the field of Epigenetics and Stem cell Biology. We are welcoming applications from prospective graduate students (MSc or PhD level) and postdoctoral fellows.

The successful candidate will work to advance our understanding of fundamental aspects of the epigenetic reinforcement of early lineage specification, with particular focus on the mechanisms that ensure the establishment of the unique DNA methylation patterns inherent to trophoblast as a requisite for developmental success. We are using cutting-edge cell culture methods, combined with state-of-the-art transcriptomics and epigenomics tools to gain insights into gene function in placentation and embryogenesis.

For our leading publication record in the field, please see:

https://scholar.google.ca/citations?hl=en&user=vvv-f9sAAAAJ&view_op=list_works&sortby=pubdate
<https://scholar.google.ca/citations?hl=en&user=BoOGgHQAAAAJ>

The candidate will join a thriving, interactive research environment set within a newly refurbished open-plan laboratory space. State-of-the-art computational, imaging and molecular biology facilities are available. The candidate will also engage with a broad range of investigators with expertise in stem cell and cancer epigenetics, bioengineering and regenerative medicine.

Please send your expressions of interest including an up-to-date CV to myriam.hemberger@ucalgary.ca and wendy.dean@ucalgary.ca.