UNIVERSITY OF ALBERTA

Department of Biological Sciences

**Tenure-track position in Metabolomics**

**Assistant/Associate Professor**

We invite applications for a tenure-track position at the Assistant or Associate Professor level in Metabolomics. We are looking for an individual with a keen desire to develop and lead an independent research program in metabolomics.

The Department of Biological Sciences (<https://uofa.ualberta.ca/biological-sciences>) is one of the largest in North America, with 65 faculty members and 250 graduate students. This concentration of biologists offers a collegial environment for collaboration among ecologists, mathematical biologists, organismal biologists, molecular biologists, physiologists, and evolutionary biologists. Exceptional infrastructure supported by both the Department and the Faculty of Science, includes field stations (e.g. Bamfield Marine Sciences Centre), plant growth facilities, museums, and access to service units in chemical instrumentation, molecular biology, plant/soil analysis, and microscopy.

The successful candidate will have a PhD in analytical chemistry or analytical biochemistry along with a minimum of two years of post-doctoral or industrial experience in metabolomics. Applicants will have a track record of publishing high quality metabolomics research focused on at least one of the following areas: human health, animal systems, microbes, plants, or the environment. The individual hired for this position will be a “team player” who is also capable of developing and leading an independent research program, be familiar with the operation and maintenance of HPLC/UPLC systems, LC-MS/MS instruments and/or GC-MS instruments, and be well acquainted with the computational and statistical techniques used to identify metabolites and to process or interpret metabolomic data. Skills in computer programming or database development would be particularly advantageous. In addition to a generous start-up package, the candidate will be able to access more than $7 million worth analytical and computational resources available through The Metabolomics Innovation Centre (TMIC) – Canada’s national metabolomics laboratory. The individual hired for this position will also be expected to work collaboratively with TMIC’s research team.

The successful candidate will be expected to contribute to a vibrant, forward-looking Department through teaching in the Department’s undergraduate and graduate programmes; building upon their expertise to develop an independent, original, externally funded research programme that includes the ability to recruit and supervise undergraduate and graduate students; and contributing to a collegial environment through service. Cross-appointments to other departments and faculties could be arranged depending on the candidate’s research focus.

Candidates should electronically submit a curriculum vitae, a one-page summary of research plans, a one-page statement of teaching interests, and reprints of their three most significant publications to [metabolomics@ualberta.ca](mailto:metabolomics@ualberta.ca). Applicants must also arrange for three letters of reference to be sent to the attention of the Chair to [metabolomics@ualberta.ca](mailto:metabolomics@ualberta.ca).

All correspondence should be emailed to: [metabolomics@ualberta.ca](mailto:metabolomics@ualberta.ca) and addressed to:

Dr. Michael Caldwell, Chair

Department of Biological Sciences

CW405 Biological Sciences Building

University of Alberta

Edmonton, AB Canada T6G 2E9

Closing Date: May 31, 2017

The effective date of employment will be July 1, 2018

To assist the University in complying with mandatory reporting requirements of the Immigration and Refugee Protection Act [R203(3) (e)], please include the first digit of your Canadian Social Insurance Number in your application. If you do not have a Canadian Social Insurance Number, please indicate this in your application. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.