

Posting RESEARCH ASSOCIATE

Position Title:	Research Associate
Hiring Unit:	Department of Biochemistry
Supervisor:	Dr. Albert Berghuis and Dr. Martin Schmeing
Work Location:	Bellini Life Sciences Complexe, 4 th Floor
Hours/Week & Schedule:	40 hours/week ; typically 9AM – 6PM
Hourly Wage:	\$24.19
Planned Start Date & End Date:	June 1, 2017 – May 31, 2018
Date of Posting: (post for 5 working days minimum)	May 4, 2017
Deadline to Apply:	May 10, 2017

PRIMARY DUTIES

We are looking for a highly-motivated research associate to join the laboratory of Dr. Martin Schmeing and Dr. Albert Berghuis.

The research project will involve biochemistry and structure determination of large cellular macromolecular machines and enzyme complexes.

The Research Associate primary duties will be :

To perform molecular biology, cloning and heterologous expression of macromolecules.
 To perform sample preparation using FPLC and density gradient centrifugation techniques.
 To form and crystallize complexes of macromolecular machines, and determine their structures.
 To write manuscript as well as supplementary operating grants.
 To collaborate on the various ongoing projects in the laboratory.
 To co-supervise both graduate and post-doctoral fellows involved in these research projects.
 To actively participate into the laboratory management and security prevention.
 To present at internal and international conferences.
 Other activities assigned by your Research Supervisor.

EDUCATION/EXPERIENCE

Ph.D in Biochemistry or a related field + 5 years research experience in structural biology of large enzymes

OTHER QUALIFYING SKILLS & ABILITIES

The candidate needs to have extensive expertise in molecular biology, protein and RNA purification, crystallography, structure determination and structure interpretation.

Further required skills include:

- Excellent organizational and communication skills.
- Must have the ability to work independently with minimal supervision with excellent organizational and communication skills.
- Ability to work autonomously in a complex, changing, deadline-oriented environment.
- Attention to detail and priority setting skills.
- Excellent written and verbal communication skills (English essential, French an asset).
- Ability to guide graduate students and summer trainees.

HOW TO APPLY

Please submit your application to:

Please send your cover letter and CV to Kayla Gibbons, HR Administrator by email to: aec10-hracad.med@mcgill.ca

McGill University is committed to equity in employment and diversity. 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.