POSTDOCTORAL POSITION IN Food Safety and Sustainability Engineering

Summary
We are looking for a post-doctoral fellow to join our research group, in the interdisciplinary area of mycotoxin degradation in feed/food products by atmospheric cold plasma (ACP) technology. The successful candidate will conduct research in the following areas:

- Effect of process and product parameters on mycotoxin and fungal spore degradation by ACP technology
- Plasma characterization and plasma chemistry at different process conditions
- Fungal inactivation mechanisms and mycotoxin degradation mechanisms/pathways

Candidate profile
The position requires a researcher with experience in ACP characterization, engineering design and development of ACP systems and mycotoxin analysis. The candidate will work with a multidisciplinary research team including graduate students and industry partners.

Preferred qualifications:
- PhD in food process engineering, food chemistry/science, chemical engineering;
- Experience in ACP technology research in food processing;
- Experience in fungal spore and mycotoxin analysis and characterization;
- Strong engineering skills
- Demonstrated record of research productivity
- Ability to work independently and collaboratively in interdisciplinary research project

To Apply: Please e-mail your detailed academic CV, contact information of three references, at least 1 copy of journal publications related to the research area, a cover letter showing that your research fits with the described research areas to:

Dr. Roopesh Mohanda Syamaladevi  
Department of Agricultural, food and nutritional science  
University of Alberta  
Email: roopeshms@ualberta.ca  
Closing date: The position is open until filled

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.