

Bob Rimes
Executive Director

Agri-Food Discovery Place
Building F-83, 6004 - 118 Street
Edmonton, Alberta T6H 2V8
780-492-6945
Bob.rimes@ualberta.ca

www.afdp.afns.ualberta.ca

Agri-Food Discovery Place



Government of Alberta ■
Agriculture and Rural Development



Driving Innovation in
Alberta Agriculture

*A partnership between the
University of Alberta,
Government of Alberta
and Olds College*

World class innovative research, training and technology transfer specializing in food safety, value-added processing and value-added bio-refining of food and industrial products.

Agri-Food Discovery Place offers industrial partners the unique opportunity to collaborate closely and leverage the expertise of world class researchers in a state-of-the-art facility where research can be conducted throughout the entire chain of meat processing and handling as well as every aspect of bio-refining.

Agri-Food Discovery Place is home to two unique, state-of-the-art research facilities, specializing in crops utilization and meat safety.

Crops research allows pilot-scale processing of agri-food and agri-industrial products and development of novel technologies through separation, conversion and application technologies all under one roof.

Meat research focuses on the different approaches to control pathogens during the processing, packaging and storage of meat products and is unique in its ability to work with pathogens in a small scale pilot processing environment.



CROPS



MEAT

Integrated Bio-refining

Biomass



Separation processes

(dry and wet)

supercritical carbon dioxide;
sub/super critical water



Conversion processes

Thermal, chemical and biological



Applications development

Functional foods, nutraceuticals,
biofuels and bioproducts for
industrial applications

Process validation

at all stages of
food production systems



Ensuring food safety for
food service operations
and consumers

Development and validation
of new technologies
to improve food safety