



UNIVERSITY OF MANITOBA | Faculty of Agricultural
and Food Sciences

Department of Animal Science
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July 8, 2016

TO WHOM IT MAY CONCERN

Re: Dr. Di Liu

Dr. Di Liu and I have been research collaborators since 2012 and I have had the opportunity to visit her institution, the Institute of Animal Husbandry, Heilongjiang Academy of Agricultural Science in Harbin, China, twice since that time. Furthermore, her Research Associate, Mr. HeShu Chen, was able to visit my laboratory at the University of Manitoba for 6 month period. Therefore, the purpose of this letter is to invite Dr. Di Liu and three (3) of her research associates to visit the Department of Animal Science, University of Manitoba. During the visit, we can have the communication with several scientists in Animal Management and Animal Nutrition about nutrition and gut health interactions, the net energy system, canola meal utilization and fibre nutrition, etc. Further, we will exchange ideas to further strengthen our research collaboration in the area of animal nutrition. A detailed program for the visit is attached.

The details of Dr. Di Liu and her Associates are as follows:

- 1) **Dr. Di Liu**
Deputy President and Professor
Helionjiang Academy of Agricultural Sciences
368 Xuefu Road, Nangang District
Harbin 150086, China
- 2) **Ms. Hong Ma**, Associate Research Fellow (Translator)
- 3) **Mr. Xinmiao He**, Assistant Research Fellow
- 4) **Mr. Wentao Wang**, Assistant Research Fellow

Dr. Liu and her Associates will visit the University of Manitoba in September for a period of one week. All travel expenses and insurance coverage for all 4 invitees will be provided by their employer.

International research collaboration is an important vehicle for facilitating participation in global development and affords invaluable training opportunities for Canadian graduate students and their counterparts in other parts of the world. Dr. Liu's visit to the University of Manitoba will facilitate establishment of such opportunities.

Your assistance to Dr. Liu and her Associates in obtaining travel documents to Canada will be greatly appreciated. Please do not hesitate to contact me should you require further information on

this matter.

Yours truly,

A handwritten signature in blue ink, appearing to read 'Martin Nyachoti', with a stylized flourish at the end.

Martin Nyachoti, Ph.D.

Professor and Director, T.K. Cheung Centre for Animal Science Research

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Schedule of Activities for the Visit of Dr. Di Liu and Her Associates to the University of Manitoba, Canada

Purpose of Visit: Research Collaboration

Visiting Scientist's Employer: Animal Husbandry Research Institute, Heilongjiang Academy of Agricultural Sciences, 368 Xuefu Road, 150086 Harbin, P. R. China

Coordinator: Professor Martin Nyachoti, Department of Animal Science
University of Manitoba, Winnipeg, Manitoba, CANADA

Detailed plan of activities for the research collaboration visit

Period	Agenda
Day 1	<ul style="list-style-type: none">• Arrival at the University of Manitoba• Meet with Dr. Martin Nyachoti
Day 2	<ul style="list-style-type: none">• Introduction to Animal Science Department• Tour Animal Science research laboratories• Tour of the University of Manitoba
Day 3	<ul style="list-style-type: none">• Tour the National Centre for Livestock and the Environment• Tour animal research facilities and feed mill
Day 4	<ul style="list-style-type: none">• Presentations on Dr. Nyachoti's research program• <i>Nutrition and gut health interactions – Dr. Hossain Manik, Postdoc.</i>• <i>The net energy system – Jongwoong Kim, PhD candidate</i>• <i>Canola meal utilization – Deepak Velayudhan, PhD candidate</i>• <i>Fibre nutrition – Saymore Ndou, PhD candidate</i>
Day 5	<ul style="list-style-type: none">• Introduction of the Animal Husbandry Research Institute – Dr. Di Liu• Presentation on Dr. Liu's research program
Day 6	<ul style="list-style-type: none">• Meet with Drs. Laurie Connor and Chengbo Yang• Final meeting with Dr. Nyachoti
Day 7	<ul style="list-style-type: none">• Departure for China via Vancouver