

❖ Name & Designation	: Ms. Kiran Kumari, Ph.D. Student.
❖ Address	: Dept. of Dairy Microbiology, NDRI, Karnal-132001 (Haryana).
❖ Name of the International Conference/ Seminar/Symposium/Workshop	: Gut Microbiology: From Sequence to Function.
❖ Title of the abstract accepted	: Exploring Riboflavin producing lactobacilli from diverse niches and expression pattern of riboflavin genes involved in riboflavin pathway and their technofunctional properties.
❖ Date & Venue	: 16-19 <sup>th</sup> June, 2014. Scotland, U.K.
❖ Money sanctioned	: Rs 1,00,000/-
❖ Money reimbursed	: Rs 1,00,000/-

### Participation Report

The 9<sup>th</sup> Rowett INRA 2014, Gut Microbiology: From Sequence to Function was held at Aberdeen, Scotland at Aberdeen Exhibition and Conference Centre. It was jointly organized by Rowett Institute of Nutrition and Health, University of Aberdeen, Scotland (UK) and the Institut National de la recherche Agronomique, Clermont-Ferrand-Theix (France).

The overall aim of the conference was to promote the understanding of the role of the complex microbial ecosystem present in the digestive tract of men and animals in maintaining health of host. It was discussed in the conference to improve human, animal health and nutrition through dietary manipulation. During the 4 days conference, there were 16 invited talks, 19 offered talks and 216 poster presentations.

#### Academic Highlights

The topics discussed in different sessions at the conference-

Microbial diversity in health and disease

The relationship between metagenomics sequences and microbial activity

Microbial metabolism of dietary components and functional foods

Microbial interactions with host

Appropriate use of term Probiotic

There were four sessions in the conference chaired by renowned scientists of concerned field. The last day of conference was the joint symposium between Rowett/INRA and ISAPP (International Scientific Association for Probiotics and Prebiotics).

#### Participant Contribution

I, Miss Kiran Kumari, PhD student from department of Dairy Microbiology, National Dairy Research Institute, Karnal, Haryana, India had attended the 9<sup>th</sup> Rowett INRA 2014, Gut Microbiology: From Sequence to Function and presented the poster entitled 'Exploring Riboflavin producing lactobacilli from diverse niches and expression pattern of riboflavin genes involved in riboflavin biosynthesis pathway and their technofunctional properties'. This poster had given the deep understanding of rib genes involved in riboflavin biosynthesis and how to screen riboflavin producing lactobacilli as well as their functional properties.