

Yang Lv

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FUTURE POSITION

09/2015- Ph.D. Student, Food Science, University of Massachusetts Amherst

EDUCATION

09/2013-06/2015 College of Food Science and Nutritional Engineering, China Agricultural University

M.S. Processing and Storage of Agriculture Products

09/2003-06/2013 College of Biological Science, China Agricultural University

B.S. Biological Science

RESEARCH EXPERIENCE

10/2012-06/2015 *Key Laboratory of Functional Dairy, College of Food Science and Nutritional Engineering, CAU, directed by Prof. Fazheng REN*

- “Characterization and Inhibition of Blackening Microorganisms in Vacuum-packed Pork Liver”
- “R-M analysis and electroporation optimization for *Bifidobacterium longum* BBMN68 and *Bifidobacterium animalis* A6”
- “Survival and retention of *Bifidobacterium longum* BBMN68 in murine digestive tract”
- Undergraduate Thesis “Optimization of fermentation conditions for *Bacillus brevis* ATCC 8185 in 1% skim milk medium”

10/2011-03/2012 *National key Laboratory for Agricultural Biotechnology, College of Biological Science, CAU, directed by Prof. Xiaoxiang Hu*

- Undergraduate Research Practice “Analyzing the gene expression of H3K27 methylase by construction of an overexpression vector and the use of western-blot”

PUBLICATION

Yang Lv, Xuwei Qiao, Liang Zhao etc. Biodistribution of a Promising Probiotic, *Bifidobacterium longum subsp. longum* Strain BBMN68, in the Rat Gut. J. Microbiol. Biotechnol. 2015 6; 25(6): 863-871

SKILLS AND TECHNIQUES

- Animal experiments: rat handling, rat oral administration, rat orbital blood sampling, organ separation
- Basic microbial manipulations: anaerobe culture, bacterial preservation, etc.
- Molecular and biochemical experiments: vector-construction, gene expression in *E. coli*, real-time qPCR, electroporation, western blot etc.
- Use of software and database: primer design by Vector NTI, Primer 3.0, Gene Star; data analysis by SPSS; gene analysis at NCBI etc.

INTERNSHIP AND VOLUNTEERING

09/2011-02/2012 Class President, College of Biological Science, China Agricultural University

06/2012 Outstanding Volunteers of BMW Olympic Carnival in Bird Nest, Beijing

09/2012-02/2013 Undergraduate Teaching Assistant of Biochemistry, College of Biological Science, China Agricultural University

HONORS AND AWARDS

05/2015 Award from China Scholarship Council

2011-2012 Excellent Student Award in Academic Grade 3 with Scholarship, China Agricultural University

2012-2013 Excellent Student Award in Academic Grade 2 with Scholarship, China Agricultural University

INTERESTS

Reading, Music, Watching movies, Travelling, Volunteering, Cats