

Curriculum Vitae  
**Yi Li, Ph.D.**

Department of Nutrition and Dietetics  
Doisy College of Health Sciences  
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**Education**

- Ph.D., Human Nutrition, May 2009  
Case Western Reserve University (Cleveland, OH)  
Dissertation title: “Mechanisms of *cat-1* gene expression regulation by Endoplasmic Reticulum (ER) stress”

- Assistant Engineer, 1996-1997  
 Department of Molecular Genetics, Chinese Academy of Forestry Science (Beijing, China)  
 Institute of Microbiology, Chinese Academy of Sciences (Beijing, China)

**Courses Taught and Activities Related with Teaching and Mentoring**

- Courses taught at Saint Louis University  
 Foundations in Nutrition (undergraduate level)  
 Thesis Research (graduate level)
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## **Professional Growth Activities**

### Membership in Professional Societies

- American Diabetes Association, 2015 – present
- American Society for Nutrition, 2013 – present
- American Society for Biochemistry and Molecular Biology, 2013 – present
- The RNA Society, 2010 – 2011
- Beijing Genetics Association, 1996 –1999

### Attendance of Professional Meetings and Workshops

- The 3<sup>rd</sup> Annual High-Impact Practice in Higher Education Conference, Texas A&M University-Kingsville, Kingsville, TX, April 2018
- Support of Competitive Research (SCORE) Principle Investigators Meeting, National Institutes of

Nusantara Bioscience, 2013 – present  
(<http://biosains.mipa.uns.ac.id/N/editors.htm>)

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### Advisor of Student Organizations

- Kappa Omicron Nu (KON) Honor Society, 2014 – 2019

### Honors and Awards

- Sigma Xi The Scientific Research Honor Society  
Sigma Xi (Research Triangle Park, NC), 2019
- College Travel Award of 2014  
Texas A&M University (Kingsville, Texas), 2014
- Young Investigator Development Grant  
Ministry of Forestry (Beijing, China), 1996
- Excellent Student Award (second place)  
Wuhan University (Wuhan, China), 1994
- Student Research Scholarship  
Student Research Foundation, Wuhan University (Wuhan, China), 1993

### Publications

#### Selected Peer-Reviewed Journal Articles

1. Serra, H., Hollar, S., **Li, Y.** (2021) A case report of inositol and soluble fiber supplementation on glycemic control in an overweight subject. *British Journal of Nutrition*. (submitted)

2. Aliev, G., **Li, Y.**, Chubarev, V. N., Lebedeva, S. A., Parshina, L. N., Trofimov, B. A., Sologova, S. S., Makhmutova, A., Avila-Rodriguez, M. F., Klochkov, S. G., Galenko-Yaroshevsky, P. A., Tarasov, V. V. (2019). Application of Acyzol in the Context of Zinc Deficiency and Perspectives. *International Journal of Molecular Sciences*, 20, 2104. DOI:10.3390/ijms20092104

3. Guo, Y.\*, **Li, Y.\***, Xiang, B., Huang, X. O., Ma, H. B., Wang, F. F., & Gong, Y. P. (2019). Combination of Nutlin-3 and Tanshinone IIA promotes synergistic cytotoxicity in acute leukemic cells

**6.** Guo, Y.\* , **Li, Y.\***, Shan, Q., He, G., Lin, J., & Gong, Y

**15. Yuan, C. L., Sharma, N., Gilge, D. A., Stanley, W. C., Li, Y.**



5. Aliev, G., **Li, Y.**, H Palacios, H., & E Obrenovich, M. (2011). Oxidative Stress Induced Mitochondrial DNA Deletion as a Hallmark for the Drug Development in the Context of the Cerebrovascular Diseases. *Recent Patents on Cardiovascular Drug Discovery*, 6(3), 222-241.

#### Selected Book Chapters

1. Aliev, G., **Li, Y.**, et al. Chapters 93, 94. *Systems Biology of Free Radicals and Antioxidant*, Springer-Verlag Berlin Heidelberg 2014. DOI: 10.1007/978-3-642-30018-9.

#### Published Abstracts

1. Alam, M. M., Cheng, E., and **Li, Y.** (2018). Correlation between Promoter CpG Methylation and mRNA Levels of Genes Regulated by Fatty Acids in Muscle Cells and Adipocytes. *FASEB Journal*, 32: LB367.

2. **Li, Y.**, Cheng, E., and Bower, B. (2017). Correlation of mRNA Levels with CpG Methylation Status of Genes Regulated by Fatty Acids in Differentiated Adipocytes. *FASEB Journal*, 31: 644.17.

3. **Li, Y.**, Gonzalez, T. J., Wang, M., Cheng, E. (2016). Validation of Fatty Acids Regulated Genes in Adipocytes and Muscle Cells. *FASEB Journal*, 30: 901.4.

4. **Li, Y.**, Gonzalez, T. J., Fernandez-Alegre, C. (2015). Saturated Fatty Acids Differentially Affects Adipocytes and Muscle Cells. *FASEB Journal*, 29: 750.7.

5. **Li, Y.**, Gonzalez, T. J., Fernandez-Alegre, C. (2014). Hyperlipidemia induces lipid accumulation and gene expression in adipocytes. *FASEB Journal*, 28: LB317.

6. **Li, Y.**, Lopez, A., and Hatzoglou, M. (2006). Regulation of the cat-1 gene by physiological stress. *FASEB Journal*, 20: A79.

#### Selected Presentations

1. Alam, M. M., Cheng, E., **Li, Y.** Experimental Biology 2018 Meeting, San Diego, April 2018. (poster presentation)

2. Cheng, E., Bower, B., Alvarez, I. and **Li, Y.** 14th Annual Texas A&M University System's Pathways Research Symposium, Tarleton State University, Stephenville, November 2-3, 201.2446cm BT 50 0 0

6. Gonzalez, T. J., Wang, M., Cheng, E. **Li, Y.** Validation of Fatty Acids Regulated Genes in Adipocytes and Muscle Cells. Experimental Biology 2016 Meeting, San Diego, April 2014. (poster presentation)
7. Gonzalez, T., C., **Li, Y.**, 20<sup>th</sup> Annual Ronald E. McNair Scholars Summer Undergraduate Research Internship Presentation Meeting, Texas A&M University-Kingsville, Kingsville, October 14, 2015. (poster presentation)
8. Gonzalez, T. J., Fernandez-Alegre, C., **Li, Y.** 6th Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, April 2015. (poster presentation)
9. Gonzalez, T. J., Fernandez-Alegre, C., **Li, Y.** Experimental Biology 2015 Meeting, Boston, March 2015. (poster presentation)
10. Gonzalez, T. J., Fernandez-Alegre, C., and **Li, Y.** Saturated Fatty Acid Differentially Affects Muscle Cells and Adipocytes. 17<sup>th</sup> Annual Texas National McNair Scholar Research Conference, Denton, February 2015. (poster presentation)
11. Philip H. V., Olivia B., Gonzalez, T. J., Fernandez-Alegre, C. Gonzalez, T. J., Fernandez-Alegre, C., and **Li, Y.** Saturated Fatty Acid Palmitate Induces Death of Cultured Muscle Cells. Upward Bound Math and Science Program Meeting, Texas A&M University-Kingsville, Kingsville, TX, July 2014. (poster presentation)
12. Gonzalez, T. J., Fernandez-Alegre, C., **Li, Y.** Genome-wide Screening and Study of Saturated Fatty Acid Regulated Genes in Muscle Cells. Experimental Biology 2014 Meeting, San Diego, April 2014. (poster presentation)
13. **Li, Y.**, Mechanisms of Endoplasmic Reticulum (ER) Stress in Regulation of Gene Expression and Cell Death. Clemson University, Clemson, SC, 2013. (invited talk)
14. The 15<sup>th</sup> Annual Meeting of the RNA Society, Seattle, June 2010. (poster presentation)
15. **Li, Y.**, Lopez, A., and Hatzoglou, M. Regulation of the cat-1 Gene Expression by ER Stress. Experimental Biology 2006 Meeting, San Francisco, April 2006. (poster Presentation)
16. **Li, Y.**, Annual Meeting of Biological Science Section, National Natural Science Foundation of China, Beijing, September 1996. (oral Presentation)