

Curriculum Vitae
Yi Li, Ph.D.

Department of Nutrition and Dietetics
Doisy College of Health Sciences
Saint Louis University
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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”
- M.S., Molecular and Cellular Biology, November 2003
York University (Toronto, Canada)
Thesis title: “Identification and characterization of Ca²⁺-upregulated *cup* genes in *Dictyostelium Discoideum*”
- B.S., Cell and Developmental Biology, June 1995
Wuhan University (Wuhan, China)

Professional Experience

- Assistant Professor of Nutrition and Dietetics, 2019 – present
Department of Nutrition and Dietetics, Saint Louis University (Saint Louis, MO)
- Assistant Professor of Human Nutrition, 2013 – 2019
Department of Human Sciences, Texas A&M University-Kingsville (Kingsville, TX)
- Postdoctoral Associate, 2012 – 2013
Duke Medical Center, Duke University (Durham, NC)
- Postdoctoral Associate, 2010 – 2012
Department of Genetics, Yale School of Medicine, Yale University (New Haven, CT)
- Research Assistant, 2003 – 2004
Departments of Medicine and Biochemistry, Queen’s University (Kingston, Canada)
- Graduate Teaching Assistant, 2000 – 2002
Department of Biology, York University (Toronto, Canada)
- Graduate Research Assistant, 2000 – 2002
Department of Biology, York University (Toronto, Canada)

- 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)
- Mentoring and Training Graduate Students at Saint Louis University
 - ▶ Committee chair of graduate students (3 students, 1 graduated)
 - ◆ Dionne Brown, September 2020 – present
 - ◆ Xinlei Guo, September 2019 – December 2020
 - ◆ Haley Serra, September 2019 – August 2020
 - ▶ Committee member of graduate students (2 students)
- Courses taught at Texas A&M University-Kingsville
 - ▶ Advanced Nutrition (undergraduate level)
 - ▶ Community Nutrition (undergraduate level)
 - ▶ Life Cycle Nutrition (undergraduate level)
 - ▶ Medical Nutrition Therapy (undergraduate level)
 - ▶ Issues in Food and Nutrition Science (graduate level)
 - ▶ Graduate Research Project (graduate level)
 - ▶ Thesis Research (graduate level)
- Mentoring and Training Graduate Students at Texas A&M University-Kingsville
 - ▶ Committee chair of graduate students (5 students graduated)
 - ◆ Olena Kondrachuk, June 2018 – present
 - ◆ Ivette Alvarez, September 2017 – May 2019
 - ◆ Yu Bai, September 2017 – May 2019
 - ◆ Renata Rivas, September 2017 – December 2018
 - ◆ Brittney Bowe, June 2016 – December 2017
 - ◆ Elliott Cheng, September 2015 – May 2018
 - ◆ Vicky Mengyuan Wang, September 2014 – December 2015
 - ◆ Claudia Fernandez, September 2013 – August 2015
 - ▶ Committee member of graduate students (2 students, 2 graduated)
- Supervising Undergraduate Research Projects
 - ▶ Texas A&M University-Kingsville
 - ◆ Amanda Gonzalez, undergraduate research assistant, 2016 – 2017
 - ◆ Melissa Jacquez, undergraduate research assistant, 2016 – 2017
 - ◆ Joshua Verduzco, undergraduate research assistant, 2016
 - ◆ Vishwa Sureja, undergraduate research assistant, 2016

- ◆Elizabeth Blink, undergraduate research assistant, 2016
- ◆Tiffany Fleming, undergraduate research assistant, 2015
- ◆Christian Adams, undergraduate research assistant, 2015
- ◆Joseph Medina, undergraduate research assistant, 2015
- ◆Trevor Gonzalez, honors thesis project, 2015 – 2016
- ◆Trevor Gonzalez, McNair scholars program research project, 2014 – 2015
- ◆Upward Bound Math-Science program research project students
 - Faith Taylor, Estevan Reyna, Zoey Diaz, Marco Trevino, Aliyah Gutierrez, Penelope Ramirez, Pablo Vallejo-Gonzalez, Brittany Sanchez, Clarissa Enriquez, Alyssa Lara, Dara Ramon, summer 2017
 - Adrianna Garcia1, Guadalupe Martinez, Jace Hinojosa, Stephanie Sanchez, summer 2016
 - Philip Villarreal, Olivia Barrera, summer 2014
(second place award of oral and poster presentation competition)

▶ Case Western Reserve University (2 students)

▶ Queen's University (2 students)

- ◆Nguyen, a co-author of my selected publication #16, was one of the undergraduate students I instructed.

• Yale Science Education Journal Club Member, Yale University, 2010 – 2012

• Undergraduate Laboratory Classes Instructed at York University

- ▶ NATS 1690-Evolution (Spring 2000)
- ▶ NATS 1610-The Living Body (Fall 2000, Spring 2001)
- ▶ NATS 1620-Human Body: Brain and Behavior (Fall 2000, Fall 2001)
- ▶ BIOL 1010-Biological Science (Fall 2000, Spring 2001, Fall 2001, Spring 2002)

Research Interests and Support

Research Interests

- Obesity/type 2 diabetes research using nutritional genomics approaches.
- Regulation of gene expression via epigenetic modifications induced by nutrition factors.
- Gene expression, cell signaling, and cell death regulated by stresses induced by nutrition factors.
- Study of gene regulation mediated by epigenetic modifications in adipocytes and muscle cells during onset of obesity/type 2 diabetes.
- Study of inheritable epigenetic biomarkers of obesity.

Research Support

- Startup funds (Saint Louis University, September 1, 2019 –)
- NIH SC3 (1SC3GM116737-01) (\$414,000, National Institutes of Health, May 5, 2016 – March 31, 2020)
- Startup funds (Texas A&M University, September 1, 2013 – August 31, 2016)
- Isolation of chondrocytes from deer antlers and establishment of primary cell cultures (\$11,875, Star Animals Health Inc., June 1, 2015 – May 31, 2016)
- Title V/PPOHA Equipment Grant (\$50,000, through competitive application, Texas A&M University – Kingsville, 2014)

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 3rd 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 Health (NIH), Bethesda, MD, November 30-December 1, 2017
- Experimental Biology 2017 Meeting, Chicago, IL, April 2017
- The 5th Annual South Texas Student Success Conference, Texas A&M University-Kingsville, Kingsville, TX, March, 2017
- Experimental Biology 2016 Meeting, San Diego, CA, April 2016
- The 4th Annual South Texas Student Success Conference, Texas A&M University-Kingsville, Kingsville, TX, March, 2016
- Experimental Biology 2015 Meeting, Boston, MA, March 2015
- Experimental Biology 2014 Meeting, San Diego, CA, April 2014
- New Faculty Investment Program, Texas A&M University-Kingsville, Kingsville, TX, September 2013 – April 2015
- Mentored Research Scientist Development Award (K01) Workshop, Yale University, August 2011
- The 15th Annual Meeting of the RNA Society, Seattle, WA, June 2010
- The 5th Annual Meeting of Diabetes Association of Greater Cleveland, Independence, OH, November 2008
- The 4th Annual Meeting of Diabetes Association of Greater Cleveland, Independence, OH, November 2007
- Experimental Biology 2006 Meeting, San Francisco, CA, April 2006
- York University 28th AGSBS Annual Biology Symposium, Toronto, ON, March 2001

Professional Service Activities

- Editorial Board Member of Journals
 - ▶ The Open Biochemistry Journal, Bentham Open, 2019 – present (<https://benthamopen.com/TOBIOCIJ/editorial-board/>)
 - ▶ Endocrinology, Diabetes and Obesity, RIVERA Open Access, 2017 – present (<http://riverapublications.com/journal/endocrinology-diabetes-obesity>)
 - ▶ Food and Nutrition Journal, Gavin Publishers, 2015 – present (https://www.gavinpublishers.com/journals/board_members/Food-and-Nutrition-Journal-ISSN-2575-7091)
 - ▶ Journal of Obesity and Weight Loss, Herald Scholarly Open Access, 2015 – present (<https://www.heraldopenaccess.us/journals/journal-of-obesity-weight-loss/editorial-board>)
 - ▶ BioMed Research, 2014 – present (<http://bmrjournals.com/AboutUs/Index/Publisher/ContactUs>)

- ▶ Nusantara Bioscience, 2013 – present
(<http://biosains.mipa.uns.ac.id/N/editors.htm>)
- Reviewer of Peer-Reviewed Journals
 - ▶ Scientific Reports – Nature, 2015 – present
 - ▶ Current Medicinal Chemistry, 2015 – present
 - ▶ Current Pharmaceutical Design, 2015 – present
 - ▶ International Journal of Biochemistry and Cell Biology, 2014 – present
 - ▶ Obesity Research Open Journal, 2014 – present
 - ▶ Journal of Cancer Research and Therapeutics, 2014 – present
 - ▶ CNS Neurological Disorders-Drug Targets, 2011 – present
- Judging Activities
 - ▶ Judge, 12th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, TX, September 26, 2018
 - ▶ Judge, 11th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, TX, April 18, 2018
 - ▶ Judge, 10th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, TX, September 26, 2017
 - ▶ Judge, 9th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, TX, April 6, 2017
 - ▶ Judge, 8th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, TX, October 26, 2016
 - ▶ Judge, 7th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, TX, April 19, 2016
 - ▶ Judge, Aging and Chronic Disease (ACD) poster competition, Experimental Biology 2014 Meeting, San Diego, CA, April 2014
 - ▶ Judge, Nutrient-Gene Interaction (NGI) poster competition, Experimental Biology 2014 Meeting, San Diego, CA, April 2014

Service Activities

Committee Service Activities

- University Undergraduate Program Review Committee, Texas A&M University-Kingsville, 2017 – 2019
- University Recognition Committee, Texas A&M University-Kingsville, 2014 – 2019
- University Biomed Research Committee, Texas A&M University-Kingsville, 2013 – 2019
- Curriculum Committee, Department of Human Sciences, Texas A&M University-Kingsville, 2013 – 2019
- Recruitment and Retention Committee, Department of Human Sciences, Texas A&M University-Kingsville, 2013 – 2019
- Scholarship Committee, Department of Human Sciences, Texas A&M University-Kingsville, 2013 – 2019
- University 28th AGSBS Annual Biology Symposium Committee Member, York University, Toronto, ON, March 2001

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 with wild-type p53 by co-regulating MDM2-P53 and AKT/mTOR pathway. *The International Journal of Biochemistry & Cell Biology*, 106, 8-20. (*co-first authors)
4. Guo, Y.*, **Li, Y.***, Xiang, B., Huang, X. O., Ma, H. B., Wang, F. F., & Gong, Y. P. (2017). Nutlin-3 plus Tanshinone IIA Exhibits Synergetic Anti-leukemia Effect with Imatinib by Reactivating p53 and Inhibiting AKT/mTOR Pathway in Ph+ ALL. *Biochemical Journal*, 474, 4153-470. (*co-first authors)
5. Nemtsova, M. V., Strelnikov, V. V., Tanas, A. S., Bykov, I. I., Zaletaev, D. V., Rudenko, V. V., Glukhov, A. I., Kchorobrich, T. V., **Li, Y.**, Tarasov, V. V., Barreto, G. E., & Aliev, G. (2017). Implication of Gastric Cancer Molecular Genetic Markers in Surgical Practice. *Current Genomics*, 18, 408-415.

6. Guo, Y. *, **Li, Y.***, Shan, Q., He, G., Lin, J., & Gong, Y. (2015). Curcumin potentiates the anti-leukemia effects of imatinib by downregulation of the AKT/mTOR pathway and BCR/ABL gene expression in Ph⁺ acute lymphoblastic leukemia. *The International Journal of Biochemistry & Cell Biology*, 65, 1-11. (*co-first authors)
7. Baksheeva, V. E., Nazipova, A. A., Zinchenko, D. V., Serebryakova, M. V., Senin, I. I., Permyakov, S. E., Philippov, P. P., **Li, Y.**, Zamyatnin A. A., Zernii, E. Y., & Aliev, G. (2015). Ca²⁺-myristoyl switch in neuronal calcium sensor-1: a role of C-terminal segment. *CNS & Neurological Disorders-Drug Targets (Formerly Current Drug Targets-CNS & Neurological Disorders)*, 14(4), 437-451.
8. Tikhobova, L. A., Kaminsky, Y. G., Reddy, V. P., **Li, Y.**, Solomadin, I. N., Kosenko, E. A., & Aliev, G. (2014). Impact of amyloid β ₂₅₋₃₅ on membrane stability, energy metabolism, and antioxidant enzymes in erythrocytes. *American Journal of Alzheimer's Disease and Other Dementias*, 29(8), 685-695. DOI: 10.1177/1533317514534757.
9. Carrera, I., Etcheverría, I., **Li, Y.**, Fernandez-Novoa, L., Lombardi, V., Vigo, C., Palacios, H. H., Ramón Cacabelos, R., & Aliev, G. (2013). Immunohistochemical characterization of Alzheimer disease hallmarks in APP/PS1 transgenic mice treated with a new amyloid- β vaccine. *BioMed Research International*, Volume 2013, 12 pages. DOI: 10.1155/2013/709145.
10. Aliev, G., Solís-Herrera, A., **Li, Y.**, Kaminsky, Y. G., Yakhno, N. N., Nikolenko, V. N., Zamyatnin, A. A. Jr, Benberin, V. V., & Bachurin, S. O. (2013). Human photosynthesis, the ultimate answer to the long term mystery of Kleiber's law or $E = M^{3/4}$: Implication in the context of gerontology and neurodegenerative diseases. *Open Journal of Psychiatry*, 2013. DOI: 10.4236/ojpsych.2013.34045.
11. Kosenko, E. A., Aliev, G., Tikhonova, L. A., **Li, Y.**, Poghosyan, A. C., & Kaminsky, Y. G. (2012) Antioxidant status and energy state of erythrocytes in Alzheimer dementia: probing for markers. *CNS & Neurological Disorders-Drug Targets (Formerly Current Drug Targets-CNS & Neurological Disorders)*, 11(7), 926-932.
12. Horecky, J., Gvozdjaková, A., Kucharská, J., E Obrenovich, M., H Palacios, H., **Li, Y.**, Vancova, O., & Aliev, G. (2011). Effects of coenzyme Q and creatine supplementation on brain energy metabolism in rats exposed to chronic cerebral hypoperfusion. *Current Alzheimer Research*, 8(8), 868-875.
13. Huang, C. C., **Li, Y.**, Lopez, A. B., Chiang, C. M., Kaufman, R. J., Snider, M. D., & Hatzoglou, M. (2010). Temporal regulation of Cat-1 (cationic amino acid transporter-1) gene transcription during endoplasmic reticulum stress. *Biochemical Journal*, 429(1), 215-224. (*co-first authors)
14. **Li, Y.**, Bevilacqua, E., Chiribau, C. B., Majumder, M., Wang, C., Croniger, C. M., Snider, M. D., Johnson, P. F., & Hatzoglou, M. (2008). Differential control of the CCAAT/enhancer-binding protein β (C/EBP β) products liver-enriched transcriptional activating protein (LAP) and liver-enriched transcriptional inhibitory protein (LIP) and the regulation of gene expression during the response to endoplasmic reticulum stress. *Journal of Biological Chemistry*, 283(33), 22443-22456.

15. Yuan, C. L., Sharma, N., Gilge, D. A., Stanley, W. C., **Li, Y.**, Hatzoglou, M., & Previs, S. F. (2008). Preserved protein synthesis in the heart in response to acute fasting and chronic food restriction despite reductions in liver and skeletal muscle. *American Journal of Physiology-Endocrinology and Metabolism*, 295(1), E216-E222.
16. **Li, Y.**, Yang, X., Nguyen, A. H., & Brockhausen, I. (2007). Requirement of N-glycosylation for the secretion of recombinant extracellular domain of human Fas in HeLa cells. *The International Journal of Biochemistry & Cell Biology*, 39(9), 1625-1636.
17. Lopez, A. B., Wang, C., Huang, C. C., Yaman, I., **Li, Y.**, Chakravarty, K., Johnson, P. F., Chiang, C., Snider, M. D., Wek, R. C., & Hatzoglou, M. (2007). A feedback transcriptional mechanism controls the level of the arginine/lysine transporter cat-1 during amino acid starvation. *Biochemical Journal*, 402(1), 163-173.
18. Coukell, B., Li, Y., Moniakis, J., & Cameron, A. (2004). The Ca²⁺/calmodulin-regulated cup gene family in *Dictyostelium discoideum* and its possible involvement in development. *Eukaryotic Cell*, 3(1), 61-71.
19. **Li, Y.**, Chen, Y., Li, L., & Han, Y. F. (1996). Transformation of antibacterial gene Lcl into Poplar species. *Forestry Research*, 6, 646-9. (in Chinese)
20. **Li, Y.** (1996). A new method of washing microtomy samples during fixing. *Journal of Biology*, 31(6). (in Chinese)
21. **Li, Y.** (1996). A method of fixing small samples on frozen microtome. *Journal of Biology*, 31(6). (in Chinese)

Selected Reviews

1. **Li, Y.** (2016). Issues related with calorie restriction for prevention and treatment of obesity. *Obesity Research*, 3(2). DOI:10.17140/OROJ-3-e009.
2. Solís Herrera, A., del Carmen Arias Esparza, M., Eugenia Solís Arias, P., Emilio Barreto, G., **Li, Y.**, Olegovich Bachurin, S., & Aliev, G. (2016). Unsuspected Intrinsic Property of Melanin to Dissociate Water Can Be Used for the Treatment of CNS Diseases. *CNS & Neurological Disorders-Drug Targets (Formerly Current Drug Targets-CNS & Neurological Disorders)*, 15(2), 135-140.
3. Aliev, G., Obrenovich, M. E., Tabrez, S., Jabir, N. R., Reddy, P., **Li, Y.**, Burnstock, G., Ramón Cacabelos, R., & Kamal, M. (2013). Link between cancer and Alzheimer disease via oxidative stress induced by nitric oxide-dependent mitochondrial DNA overproliferation and deletion. *Oxidative Medicine and Cellular Longevity*, 2013. DOI:10.1155/2013/962984.
4. Obrenovich, M. E., M., **Li, Y.**, Parvathaneni, K., B Yendluri, B., H Palacios, H., Leszek, J., & Aliev, G. (2011). Antioxidants in health, disease and aging. *CNS & Neurological Disorders-Drug Targets (Formerly Current Drug Targets-CNS & Neurological Disorders)*, 10(2), 192-207.

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, 2017. (poster presentation)

3. Bower, B., Cheng, E., Alvarez, I. and **Li, Y.** 10th Annual Javelina Research Symposium, Texas A&M University-Kingsville, Kingsville, September 2017. (poster presentation)

4. Cheng, E., Bower, B., **Li, Y.** Hypermethylation Induced by Treatments of Fatty Acids Correlates with Lipid Accumulation in Adipocytes. Experimental Biology 2017 Meeting, Chicago, April 2017. (poster presentation)

5. **Li, Y.** XBP1s Regulation by Saturated Fatty Acids. Irma Lerma Rangel College of Pharmacy, Texas A&M Health Science Center, Kingsville, October 5, 2016. (invited talk)

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.**, 20th 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. 17th 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 15th 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)