


Stanford




Yuan Li

Postdoctoral Research Fellow, Gastroenterology

 NIH Biosketch available Online

 Curriculum Vitae available Online

 Resume available Online

Bio

BIO

My overall research interests are liver biology, pathology, and therapeutics. The medical education in China has provided me a comprehensive perspective of human disease and treatment. As a graduate student in University of Kansas Medical Center, I gained expertise in using transgenic mouse models to study autophagy in adipose-liver axis, liver lipid metabolism, and xenobiotic-induced liver steatosis and injury. As a postdoc my current research in Stanford University focuses on non-alcoholic steatohepatitis and hepatocellular carcinoma.

HONORS AND AWARDS

- Recipient of Biomedical Research Training Program, University of Kansas Medical Center (2017)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Trainee Member, AASLD (2019 - present)

PROFESSIONAL EDUCATION

- Bachelor of Arts, Central China Normal University (2011)
- Bachelor of Medicine, Unlisted School (2011)
- Doctor of Philosophy, University of Kansas (2018)

STANFORD ADVISORS

- Natalie Torok, Postdoctoral Faculty Sponsor

LINKS

- Google Scholar: <https://scholar.google.com/citations?user=2UbCSXEAAA&hl=en>
- Pubmed Index: <https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/42909238/>
- Linkedin: <https://www.linkedin.com/in/lenayuanli/>

Research & Scholarship

LAB AFFILIATIONS

- Natalie Torok (3/4/2019)

Publications

PUBLICATIONS

- **Non-phagocytic Activation of NOX2 is Implicated in Progressive Non-alcoholic Steatohepatitis During Aging.** *Hepatology (Baltimore, Md.)*
Jiang, J. X., Fish, S. R., Tomilov, A., Li, Y., Fan, W., Dehnad, A., Gae, D., Das, S., Mozes, G., Charville, G. W., Ramsey, J., Cortopassi, G., Török, et al
2020
- **Role of Mechanistic Target of Rapamycin and Autophagy in Alcohol-Induced Adipose Atrophy and Liver Injury** *AMERICAN JOURNAL OF PATHOLOGY*
Li, Y., Chao, X., Wang, S., Williams, J. A., Ni, H., Ding, W.
2020; 190 (1): 158–75
- **Chlorpromazine protects against acetaminophen-induced liver injury in mice by modulating autophagy and c-Jun N-terminal kinase activation.** *Liver research*
Li, Y., Ni, H. M., Jaeschke, H., Ding, W. X.
2019; 3 (1): 65–74
- **Impaired TFEB-Mediated Lysosome Biogenesis and Autophagy Promote Chronic Ethanol-Induced Liver Injury and Steatosis in Mice.** *Gastroenterology*
Chao, X., Wang, S., Zhao, K., Li, Y., Williams, J. A., Li, T., Chavan, H., Krishnamurthy, P., He, X. C., Li, L., Ballabio, A., Ni, H. M., Ding, et al
2018; 155 (3): 865–79.e12
- **Impaired Fasting-Induced Adaptive Lipid Droplet Biogenesis in Liver-Specific Atg5-Deficient Mouse Liver Is Mediated by Persistent Nuclear Factor-Like 2 Activation.** *The American journal of pathology*
Li, Y., Chao, X., Yang, L., Lu, Q., Li, T., Ding, W. X., Ni, H. M.
2018; 188 (8): 1833–46
- **Adipose tissue autophagy and homeostasis in alcohol-induced liver injury.** *Liver research*
Li, Y., Ding, W. X.
2017; 1 (1): 54–62
- **Inhibition of insulin/PI3K/AKT signaling decreases adipose Sortilin 1 in mice and 3T3-L1 adipocytes.** *Biochimica et biophysica acta. Molecular basis of disease*
Li, J., Chen, C., Li, Y., Matye, D. J., Wang, Y., Ding, W. X., Li, T.
2017; 1863 (11): 2924–33
- **Recycling the danger via lipid droplet biogenesis after autophagy** *AUTOPHAGY*
Li, Y., Zong, W., Ding, W.
2017; 13 (11): 1995–97
- **Impaired Rab7 and Dynamin2 Block Fat Turnover by Autophagy in Alcoholic Fatty Livers.** *Hepatology communications*
Li, Y., Ding, W. X.
2017; 1 (6): 473–76
- **Does Genetic Loss of Immunoglobulin A Have No Impact on Alcoholic Liver Disease?** *Alcoholism, clinical and experimental research*
Li, Y., Ding, W. X.
2017; 41 (1): 20–22
- **A cell-based quantitative high-throughput image screening identified novel autophagy modulators** *PHARMACOLOGICAL RESEARCH*
Li, Y., McGreal, S., Zhao, J., Huang, R., Zhou, Y., Zhong, H., Xia, M., Ding, W.
2016; 110: 35–49
- **Nrf2 but not autophagy inhibition is associated with the survival of wild-type epidermal growth factor receptor non-small cell lung cancer cells.** *Toxicology and applied pharmacology*
Zhou, Y., Li, Y., Ni, H. M., Ding, W. X., Zhong, H.
2016; 310: 140–49
- **A Gene Transcription Program Decides the Differential Regulation of Autophagy by Acute Versus Chronic Ethanol?** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Li, Y., Ding, W.
2016; 40 (1): 47–49

- **Chronic Deletion and Acute Knockdown of Parkin Have Differential Responses to Acetaminophen-induced Mitophagy and Liver Injury in Mice.** *The Journal of biological chemistry*
Williams, J. A., Ni, H. M., Haynes, A., Manley, S., Li, Y., Jaeschke, H., Ding, W. X.
2015; 290 (17): 10934–46
- **Basal Autophagy and Feedback Activation of Akt Are Associated with Resistance to Metformin-Induced Inhibition of Hepatic Tumor Cell Growth.** *PLoS one*
Yang, H., Peng, Y. F., Ni, H. M., Li, Y., Shi, Y. H., Ding, W. X., Fan, J.
2015; 10 (6): e0130953
- **Autophagy in alcohol-induced multiorgan injury: mechanisms and potential therapeutic targets.** *BioMed research international*
Li, Y., Wang, S., Ni, H. M., Huang, H., Ding, W. X.
2014; 2014: 498491
- **Down-regulated KLF17 expression is associated with tumor invasion and poor prognosis in hepatocellular carcinoma.** *Medical oncology (Northwood, London, England)*
Liu, F. Y., Deng, Y. L., Li, Y., Zeng, D., Zhou, Z. Z., Tian, D. A., Liu, M.
2013; 30 (1): 425
- **[2010 guideline for the management of hepatocellular carcinoma recommended by the American Association for the Study of Liver Diseases].** *Zhonghua gan zang bing za zhi = Zhonghua ganzangbing zazhi = Chinese journal of hepatology*
He, X. X., Li, Y., Ren, H. P., Tian, D. A., Lin, J. S.
2011; 19 (4): 249–50

PRESENTATIONS

- Genetic Inactivation of MTORC1 in Adipose Tissue Protects Mice from Exacerbation of Alcohol-Induced Liver Injury - Society of Toxicology Central States Regional Chapter (11/18/2018 - 11/19/2018)
- Role of Adipose Raptor/mTORC1 in Alcohol-induced Adipose Atrophy and Liver Injury (4/12/2018 - 4/13/2018)
- Nrf2 But Not Autophagy Activation Is Associated with Resistance to EGFR Inhibitor-Induced Lung Tumor Cell Apoptosis (4/2/2016 - 4/6/2016)
- A High Throughput Image-based Screening Reveals Novel Autophagy Inducers for Treating Drug-Induced Liver Injury - Experimental Biology (3/28/2015 - 4/1/2015)