

# Bo Wang

Assistant professor

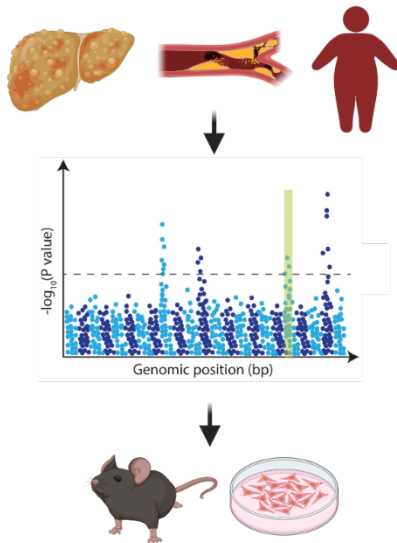
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Lipid metabolism is tightly regulated in physiology. Dysregulation of lipid metabolism contributes to the pathogenesis of human diseases, including obesity, diabetes, cardiovascular diseases, and cancer.



## Research Interests

- Phospholipid remodeling in lipid metabolism
- Regulation of lipoprotein metabolism
- Pathogenesis of metabolic dysfunction-associated steatotic liver disease (MASLD)
- Obesity and insulin resistance
- Genetic and epigenetic influences on metabolic diseases

## Current Projects

- ER COPII vesicles in lipid metabolism and atherosclerosis
- The role of GWAS-identified genes in obesity
- Novel regulation in the pathogenesis of MASLD and fibrosis

## Interest Areas for Collaboration/Future Work

Dr. Wang is interested in collaborating with bioinformatician and geneticist to identify novel genes involved in human metabolic diseases and investigate their function in metabolism. His laboratory has experience in studying lipid metabolism using *in vitro* and *in vivo* mouse models and biochemical analyses.

## Keywords

Obesity, lipoprotein metabolism, atherosclerosis, MAFLD, genetics