

# Stanford

---

## Jiayu Ye

Postdoctoral Scholar, Gastroenterology

### Bio

---

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of British Columbia Okanagan (2019)
- PhD, University of British Columbia , Biology (2019)

#### STANFORD ADVISORS

- Laren Becker, Postdoctoral Research Mentor
- Sidhartha Sinha, Postdoctoral Faculty Sponsor

### Publications

---

#### PUBLICATIONS

- **A Mediterranean-like fat blend protects against the development of severe colitis in the mucin-2 deficient murine model** *GUT MICROBES*  
Haskey, N., Ye, J., Estaki, M., Verdugo Meza, A. A., Barnett, J. A., Yousefi, M., Birnie, B. W., Gruenheid, S., Ghosh, S., Gibson, D. L.  
2022; 14 (1): 2055441
- **Metabolomics-Guided Hypothesis Generation for Mechanisms of Intestinal Protection by Live Biotherapeutic Products** *BIOMOLECULES*  
Ye, J., Erland, L. E., Gill, S. K., Bishop, S. L., Verdugo-Meza, A., Murch, S. J., Gibson, D. L.  
2021; 11 (5)
- **Deletion of mucin 2 induces colitis with concomitant metabolic abnormalities in mice** *AMERICAN JOURNAL OF PHYSIOLOGY-GASTROINTESTINAL AND LIVER PHYSIOLOGY*  
Ye, J., Haskey, N., Dadlani, H., Zubaidi, H., Barnett, J. A., Ghosh, S., Gibson, D. L.  
2021; 320 (5): G791-G803
- **Connecting the Dots Between Inflammatory Bowel Disease and Metabolic Syndrome: A Focus on Gut-Derived Metabolites** *NUTRIENTS*  
Verdugo-Meza, A., Ye, J., Dadlani, H., Ghosh, S., Gibson, D. L.  
2020; 12 (5)
- **Egg white consumption increases GSH and lowers oxidative damage in 110-week-old geriatric mice hearts** *JOURNAL OF NUTRITIONAL BIOCHEMISTRY*  
Ye Jiayu, Botta, A., Simtchouk, S., Winkler, J., Renaud, L. M., Dadlani, H., Rasmussen, B., Elango, R., Ghosh, S.  
2020; 76: 108252
- **Omega-3 PUFA vs. NSAIDs for Preventing Cardiac Inflammation** *FRONTIERS IN CARDIOVASCULAR MEDICINE*  
Ye, J., Ghosh, S.  
2018; 5: 146
- **Excess Linoleic Acid Increases Collagen I/III Ratio and "Stiffens" the Heart Muscle Following High Fat Diets** *JOURNAL OF BIOLOGICAL CHEMISTRY*  
Beam, J., Botta, A., Ye, J., Soliman, H., Matier, B. J., Forrest, M., MacLeod, K. M., Ghosh, S.  
2015; 290 (38): 23371-23384