JIUJIU YU

Assistant Professor of Molecular Nutrition
Department of Nutrition and Health Sciences
230 Filley Hall
University of Nebraska-Lincoln
Lincoln, NE 68583-0922

Office: (402) 472-3716
Email: jyu18@unl.edu

PROFESSIONAL PREPARATION

Nanjing University (China)	Botany	B.S.	1996
Tsinghua University (China)	Cell Biology	M.S.	1999
University of Pennsylvania (Philadelphia, PA)	Cell and Molecular Biology	Ph.D.	2005
Swiss Federal Institute of Technology in Lausanne (Switzerland)	Obesity and metabolic diseases	Postdoctoral	2008-11
Harvard University (Boston, MA)	Metabolic inflammation	Postdoctoral	2012-16

PROFESSIONAL APPOINTMENTS

2006 – 2007	Associate Scientist, Novo Nordisk Research Center (China, Denmark)
2017 – Present	Assistant Professor of Molecular Nutrition, Department of Nutrition and Health Sciences, University of Nebraska-Lincoln (UNL)

PROFESSIONAL MEMBERSHIPS

- American Heart Association (AHA, 2019-)
- American Society for Nutrition (ASN, 2018-)
- American Society for Exosomes and Microvesicles (ASEMV, 2016-)
- International Society for Extracellular Vesicles (ISEV, 2020-)

ADVISEES MENTORED

- 3 Ph.D. students: X. Chen, B. Liu, A. Khanam
- 3 M.S. student: Y. Lu, X. Li, H. Yu
- 4 undergraduate students: X. Shi, E. Nesson, X. Li, F. Braden

SYNERGISTIC ACTIVITIES

- Manuscript reviewer: *Journal of Agricultural and Food Chemistry, Current Developments in Nutrition, Food and Function, Scientific Reports, Nutrients, International Journal of Molecular Sciences, Diabesity, Biomolecules, Theranostics, Cells, Human Cell, Metabolites.*
- Meeting abstract reviewer: ASN 2019 annual meeting
  ASN 2021 annual meeting
- Ad hoc reviewer: NIH MCE study section (Oct 2020)
- Member of Editorial board: Diabesity (2018-current)
- Member of Search committees: Assistant Professor
  Senior Postdoctoral Researcher
- Member of Graduate student thesis committees: 3 Ph.D. students
  4 M.S. students

- Lecturer: "Advanced Nutrition" (undergraduate course)
  "Carbohydrate and Lipid Nutrition" (graduate course)

PRESENTATIONS

2020

- **Poster,** International ISEV Annual Meeting — Virtual

2019

- **Poster,** International ASEMV Annual Meeting — Pacific Beach, CA
- **Poster,** International ASN Annual Meeting — Baltimore, MD
- **Invited Talk**, University of Pennsylvania — Philadelphia, PA

2018

- **Poster,** International ASEMV Annual Meeting — Baltimore, MD
- **Poster,** International ASN Annual Meeting — Boston, MA
- **Invited Talk**, University of Nebraska-Lincoln — Lincoln, NE

2017

- **Talk** & **Poster** International ASEMV Annual Meeting — Pacific Beach, CA
- **Invited Talk**, University of Nebraska-Lincoln — Lincoln, NE

PUBLICATIONS

22 full-length, peer-reviewed papers. Links to publications: My Bibliography (NIH), https://www.ncbi.nlm.nih.gov/myncbi/1nGqbL5xKLxIWM/bibliography/public/
, ORCID: 0000-0001-9927-8720

Only publications within the previous four years are shown.

1. Chen X, Liu B, Li X, An T, Zhou Y, Li G, Wu-Smart J, Alvarez S, Naldrett M, Eudy J, Kubik G, Wilson R, Kachman S, Cui J, **Yu J**. Identification of anti-inflammatory vesicle-like nanoparticles in honey. J Extracell Vesicles. 10, e12069. doi: 10.1002/jev2.12069 (2021).

2. Liu B, **Yu J**. Anti-NLRP3 inflammasome natural compounds: an update. Biomedicines 9, 136. https://doi.org/10.3390/biomedicines9020136 (2021).

3. Liu B, Lu Y, Chen X, Muthuraj P, Li X, Pattabiraman M, Zempleni J, Kachman S, Natarajan S, **Yu J**. Protective role of shiitake mushroom-derived exosome-like nanoparticles in D-galactosamine and lipopolysaccharide-induced acute liver injury in mice. Nutrients 12, 477. https://doi.org/10.3390/nu12020477 (2020).

4. Chen X, Zhou Y, **Yu J**. Exosome-like nanoparticles from ginger rhizomes inhibited NLRP3 inflammasome activation. Mol. Pharm. 16, 2690-2699. doi: 10.1021/acs. molpharmaceut.9b00246 (2019).

5. Wang Q*, **Yu J***, Kadungure T, Beyene J, Zhang H, Lu Q. ARMMs as a versatile platform for intracellular delivery of macromolecules. Nat. Commun., 9: 960 (2018) (* co-first authors).