



Asmita Bhattacharya

Postdoctoral Scholar, Genetics

 NIH Biosketch available Online

Bio

HONORS AND AWARDS

- ASBMB Graduate/Postdoctoral Travel Award, American Society for Biochemistry and Molecular Biology (ASBMB) (2018)
- Summer Diabetes Symposium Best Oral Presentation Award, University of Michigan (2018)
- AHA Predoctoral Fellowship, American Heart Association (AHA) (2016)
- KVPY or Young Scientist Encouragement Fellowship, Kishore Vaigyanik Protsahan Yojana (KVPY), India (2006)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board Member, Diabetology & Metabolic Syndrome (2020 - present)

PROFESSIONAL EDUCATION

- Bachelor of Technology, Indian Institute of Technology, Kanpur (2012)
- Doctor of Philosophy, Cornell University (2019)
- Postdoctoral scholar, University of Michigan , Molecular & Integrative Physiology (2020)
- Doctor of Philosophy, Cornell University , Molecular Biology & Genetics (2019)
- Research technician, Weill Cornell Medical College , Gastroenterology (2013)
- Bachelor of Technology, Indian Institute of Technology (IIT) Kanpur , Biological Sciences & Biotechnology (2012)

STANFORD ADVISORS

- Michael Bassik, Postdoctoral Faculty Sponsor
- Calvin Kuo, Postdoctoral Research Mentor

Research & Scholarship

LAB AFFILIATIONS

- Calvin Kuo (7/1/2020)
- Michael Bassik (7/1/2020)

Publications

PUBLICATIONS

- **ER-associated degradation in health and disease - from substrate to organism.** *Journal of cell science*
Bhattacharya, A., Qi, L.
2019; 132 (23)

- **Hepatic Sel1L-Hrd1 ER-associated degradation (ERAD) manages FGF21 levels and systemic metabolism via CREBH.** *The EMBO journal*
Bhattacharya, A., Sun, S., Wang, H., Liu, M., Long, Q., Yin, L., Kersten, S., Zhang, K., Qi, L.
2018; 37 (22)

- **Feeding Angptl4^{-/-} mice trans fat promotes foam cell formation in mesenteric lymph nodes without leading to ascites.** *Journal of lipid research*
Oteng, A. B., Bhattacharya, A., Brodesser, S., Qi, L., Tan, N. S., Kersten, S.
2017; 58 (6): 1100-1113

- **A recellularized human colon model identifies cancer driver genes.** *Nature biotechnology*
Chen, H. J., Wei, Z., Sun, J., Bhattacharya, A., Savage, D. J., Serda, R., Mackeyev, Y., Curley, S. A., Bu, P., Wang, L., Chen, S., Cohen-Gould, L., Huang, et al
2016; 34 (8): 845-51

- **Endoplasmic reticulum quality control in cancer: Friend or foe.** *Seminars in cancer biology*
Kim, H., Bhattacharya, A., Qi, L.
2015; 33: 25-33

- **A phase IIa randomized, double-blind trial of erlotinib in inhibiting epidermal growth factor receptor signaling in aberrant crypt foci of the colorectum.** *Cancer prevention research (Philadelphia, Pa.)*
Gillen, D. L., Meyskens, F. L., Morgan, T. R., Zell, J. A., Carroll, R., Benya, R., Chen, W. P., Mo, A., Tucker, C., Bhattacharya, A., Huang, Z., Arcilla, M., Wong, et al
2015; 8 (3): 222-30