

## Asmita Bhattacharya

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### Publications

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#### PUBLICATIONS

- **A quantitative spatial cell-cell colocalizations framework enabling comparisons between in vitro assembloids and pathological specimens.** *Nature communications*  
Bouchard, G., Zhang, W., Ilertsen, I., Li, I., Bhattacharya, A., Li, Y., Trope, W., Shrager, J. B., Kuo, C., Ozawa, M. G., Giaccia, A. J., Tian, L., Plevritis, et al  
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- **Design and Evaluation of a Robust CRISPR Kinetic Assay for Hot-Spot Genotyping.** *Analytical chemistry*  
Blanluet, C., Kuo, C. J., Bhattacharya, A., Santiago, J. G.  
2024
- **SEL1L-HRD1 ER-associated degradation suppresses hepatocyte hyperproliferation and liver cancer** *ISCIENCE*  
Bhattacharya, A., Wei, J., Song, W., Gao, B., Tian, C., Wu, S., Wang, J., Chen, L., Fang, D., Qi, L.  
2022; 25 (10): 105183
- **An expanded universe of cancer targets.** *Cell*  
Hahn, W. C., Bader, J. S., Braun, T. P., Califano, A., Clemons, P. A., Druker, B. J., Ewald, A. J., Fu, H., Jagu, S., Kemp, C. J., Kim, W., Kuo, C. J., McManus, et al  
2021; 184 (5): 1142–55
- **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.  
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- **Feeding Angptl4<sup>-/-</sup> mice trans fat promotes foam cell formation in mesenteric lymph nodes without leading to ascites.** *Journal of lipid research*  
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- **A recellularized human colon model identifies cancer driver genes.** *Nature biotechnology*  
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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