

## Cheng-Yu Olivia Tsai

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### Publications

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#### PUBLICATIONS

- **APTO-253 Stabilizes G-quadruplex DNA, Inhibits MYC Expression, and Induces DNA Damage in Acute Myeloid Leukemia Cells** *MOLECULAR CANCER THERAPEUTICS*  
Local, A., Zhang, H., Benbatoul, K. D., Folger, P., Sheng, X., Tsai, C., Howell, S. B., Rice, W. G.  
2018; 17 (6): 1177–86
- **APTO-253 Is a New Addition to the Repertoire of Drugs that Can Exploit DNA BRCA1/2 Deficiency** *MOLECULAR CANCER THERAPEUTICS*  
Tsai, C., Sun, S., Zhang, H., Local, A., Su, Y., Gross, L. A., Rice, W. G., Howell, S. B.  
2018; 17 (6): 1167–76
- **Copper transporters and chaperones CTR1, CTR2, ATOX1, and CCS as determinants of cisplatin sensitivity** *METALLOMICS*  
Bompiani, K. M., Tsai, C., Achatz, F. P., Liebig, J. K., Howell, S. B.  
2016; 8 (9): 951–62
- **The copper transporter 1 (CTR1) is required to maintain the stability of copper transporter 2 (CTR2)** *METALLOMICS*  
Tsai, C., Liebig, J. K., Tsigelny, I. F., Howell, S. B.  
2015; 7 (11): 1477–87
- **Molecular modulation of the copper and cisplatin transport function of CTR1 and its interaction with IRS-4** *BIOCHEMICAL PHARMACOLOGY*  
Tsai, C., Larson, C. A., Safaei, R., Howell, S. B.  
2014; 90 (4): 379–87
- **Characterization of a monoclonal antibody capable of reliably quantifying expression of Human Copper Transporter 1 (hCTR1)** *JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY*  
Quail, J. F., Tsai, C., Howell, S. B.  
2014; 28 (2): 151–59
- **Copper influx transporter 1 is required for FGF, PDGF and EGF-induced MAPK signaling** *BIOCHEMICAL PHARMACOLOGY*  
Tsai, C., Finley, J., Ali, S. S., Patel, H. H., Howell, S. B.  
2012; 84 (8): 1007–13
- **TRIM24 links a non-canonical histone signature to breast cancer** *NATURE*  
Tsai, W., Wang, Z., Yiu, T. T., Akdemir, K. C., Xia, W., Winter, S., Tsai, C., Shi, X., Schwarzer, D., Plunkett, W., Aronow, B., Gozani, O., Fischle, et al  
2010; 468 (7326): 927-U320
- **Targeting DNA Repair in Chronic Lymphocytic Leukemia Cells with a Novel Acyclic Nucleotide Analogue, GS-9219** *CLINICAL CANCER RESEARCH*  
Tsai, C., Ray, A. S., Tumas, D. B., Keating, M. J., Reiser, H., Plunkett, W.  
2009; 15 (11): 3760–69