

Gerald Chunt-Sein Tiu

- Affiliate, Department Funds
- Fellow in Pediatrics - Hematology/Oncology

Publications

PUBLICATIONS

- **Combinatorial optimization of mRNA structure, stability, and translation for RNA-based therapeutics.** *Nature communications*
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- **A p53-dependent translational program directs tissue-selective phenotypes in a model of ribosomopathies.** *Developmental cell*
Tiu, G. C., Kerr, C. H., Forester, C. M., Krishnarao, P. S., Rosenblatt, H. D., Raj, N., Lantz, T. C., Zhulyun, O., Bowen, M. E., Shokat, L., Attardi, L. D., Ruggero, D., Barna, et al
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- **The Mammalian Ribo-interactome Reveals Ribosome Functional Diversity and Heterogeneity.** *Cell*
Simsek, D., Tiu, G. C., Flynn, R. A., Byeon, G. W., Leppek, K., Xu, A. F., Chang, H. Y., Barna, M.
2017; 169 (6): 1051-1065 e18
- **In Vitro Selection of a DNA-Templated Small-Molecule Library Reveals a Class of Macrocyclic Kinase Inhibitors** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Kleiner, R. E., Dumelin, C. E., Tiu, G. C., Sakurai, K., Liu, D. R.
2010; 132 (33): 11779-11791
- **Theoretical mechanisms and kinetics of the hydrogen abstraction reaction of acetone by chlorine radical** *CHEMICAL PHYSICS LETTERS*
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