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Ph.D. Student in Genetics, admitted Autumn 2019

Publications

PUBLICATIONS

- **The epigenetic reader Brd4 is required for osteoblast differentiation** *JOURNAL OF CELLULAR PHYSIOLOGY*
Paradise, C. R., Galvan, M., Kubrova, E., Bowden, S., Liu, E., Carstens, M. F., Thaler, R., Stein, G. S., van Wijnen, A. J., Dudakovic, A.
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- **Reactivity and mechanism of alpha-nucleophile scaffolds as catalytic organophosphate scavengers** *ORGANIC & BIOMOLECULAR CHEMISTRY*
Wong, P. T., Bhattacharjee, S., Cannon, J., Tang, S., Yang, K., Bowden, S., Varnau, V., O'Konek, J. J., Choi, S.
2019; 17 (16): 3951–63
- **Reactivity and dual mechanism of action of alpha-nucleophile scaffolds for the protection of acetylcholinesterase**
Tang, S., Wong, P., Bhattacharjee, S., Cannon, J., Yang, K., Bowden, S., Choi, S.
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- **Hydrophilic scaffolds of oxime as the potent catalytic inactivator of reactive organophosphate** *CHEMICO-BIOLOGICAL INTERACTIONS*
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2019; 297: 67–79
- **Lessons from a Minimal Genome: What Are the Essential Organizing Principles of a Cell Built from Scratch?** *Chembiochem : a European journal of chemical biology*
Tarnopol, R. L., Bowden, S. n., Hinkle, K. n., Balakrishnan, K. n., Nishii, A. n., Kaczmarek, C. J., Pawloski, T. n., Vecchiarelli, A. G.
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- **Oritavancin Retains a High Affinity for a Vancomycin-Resistant Cell-Wall Precursor via Its Bivalent Motifs of Interaction** *BIOCHEMISTRY*
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