Michael Palo
Ph.D. Student in Structural Biology, admitted Autumn 2019

Publications

PUBLICATIONS

- **Topological crossing in the misfolded Tetrahymena ribozyme resolved by cryo-EM.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Conserved Trigger Loop Histidine of RNA Polymerase II Functions as a Positional Catalyst Primarily through Steric Effects.** *Biochemistry*
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- **Cryo-EM structures of full-length Tetrahymena ribozyme at 3.1 Å resolution.** *Nature*
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- **Cross-Regulation between TDP-43 and Paraspeckles Promotes Pluripotency-Differentiation Transition.** *Molecular cell*
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- **Trigger loop of RNA polymerase is a positional, not acid-base, catalyst for both transcription and proofreading.** *Proceedings of the National Academy of Sciences of the United States of America*
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