



Houk-Jung Organic Colloquium

Playing with the Molecules of Life

Abstract: Our research program combines the tools and principles of chemistry with the molecules and processes of living cells to synthesize new molecules and molecular assemblies with novel physical, chemical and biological functions. By studying the structure and function of the resulting molecules, new insights can be gained into the mechanisms of complex biological and chemical systems. Examples will include our work on an expanded genetic code, chimeric RNA-DNA bacterial genomes, laboratory-based evolution of mitochondria, and bacterial continuous evolution systems.

Prof. Peter Schultz
Department of Chemistry
The Scripps Research Institute

Thursday, Mar 7, 2024 | 4:00 PM
Mani L. Bhaumik Collaboratory - YH 4222
Dongwon Yoo Seminar & Conference Hall