



## Houk-Jung Organic Colloquium

### “Understanding the chemistry of volcanic RNA to treat cancer & COVID-19”

**Abstract:** N4-acetylcytidine is an ancient RNA modification catalyzed by an enzyme essential for human life. However, its distribution, dynamics, and function remain mysterious. In this seminar I will introduce my group's work developing chemical tools to investigate RNA acetylation, why this led us to study an organism that thrives in solfatara (volcanic craters), and how we are using these fundamental studies to enable new therapeutic approaches.

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4:00 PM | ZOOM

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