

# HOW TO MIMIC NATURE?

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Through billions of years of evolution, Nature has generated some remarkable systems and substances that have made life on our planet what it is today. Increasingly, scientists are seeking to mimic Nature's systems and processes in order to harness the power of Nature for the benefit of society. Natural products possess a unique and vast chemical diversity and have been evolved for interactions with biological macromolecules. Therefore, natural products have been an essential source for drug discovery.

In this lecture, we will walk through some successful examples inspired by Nature and its mimicking.