

## Supramolecular Catalysis in Organic Synthesis

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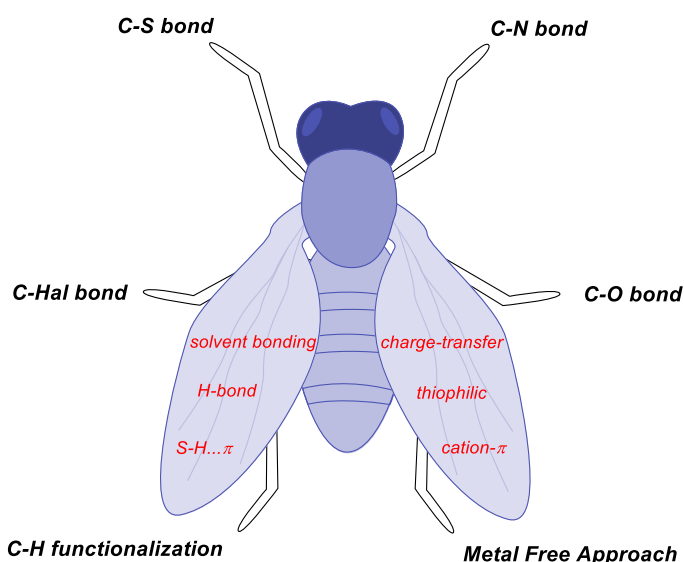
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### Abstract:

On the way to weakening of strong chemical bonds *via* noncovalent or weak interactions (soft fore), is significant in both making new chemical systems with functions or towards understanding the complex functions of living systems. Supramolecular catalysis is not a well-defined term, however, reactions controlled by weak interactions can also be categorized under this topic. Recently, controlling many chemical reactions by cooperative multiple weak interactions or soft forces has become one of the popular topics under the area of supramolecular catalysis.<sup>1</sup> In this talk, the speaker will discuss about the examples (Figure 1) that utilizes multiple noncovalent interactions like charge transfer complexation,<sup>2</sup> H-bonding,<sup>3</sup> S-H... $\pi$ ,<sup>4</sup> acid-base,<sup>5</sup> cation- $\pi$ ,<sup>6</sup> S..O,<sup>7</sup> etc.<sup>8</sup>

**Figure 1**



### References and Notes:

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### **Bio-Sketch of Speaker**

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