Knots are important structural features in DNA and some proteins, and play a significant role in the physical properties of both natural and synthetic polymers.\(^1\) Although billions of prime knots are known to mathematics, few have succumbed to chemical synthesis.\(^2\) Here we will discuss the latest progress from our laboratory in this field, including the synthesis of some of the most complex molecular knots and links (catenanes) to date\(^3\)\textsuperscript{3-7} and the introduction of molecular weaving.

References