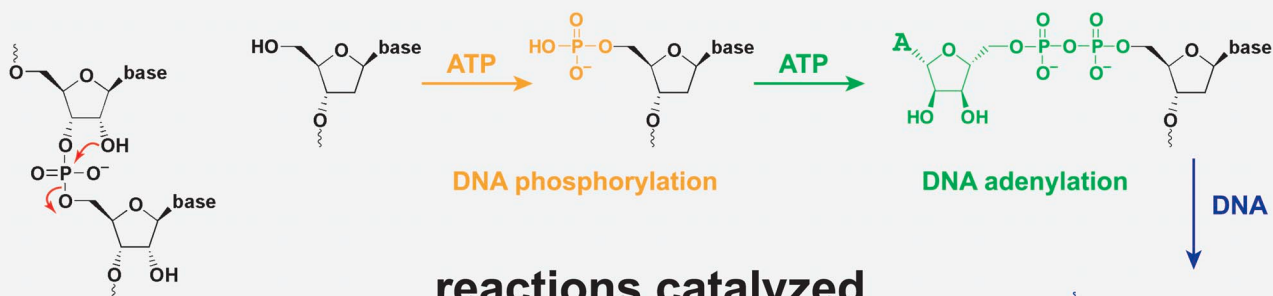
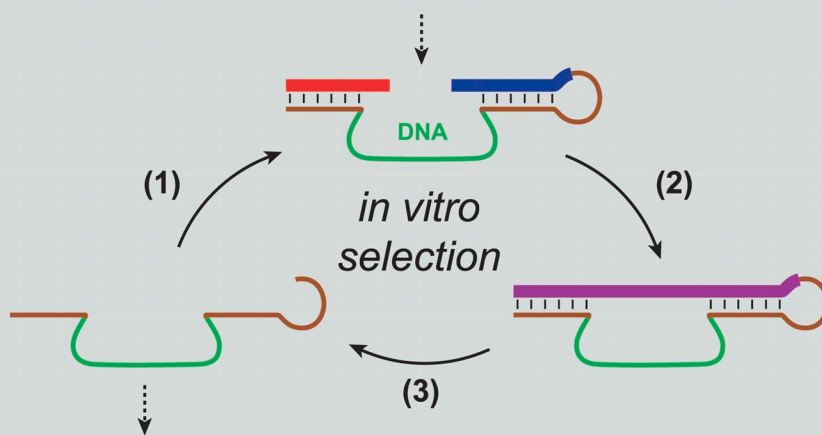
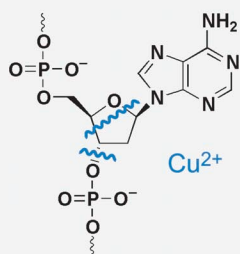


DNA enzymes for bioorganic chemistry

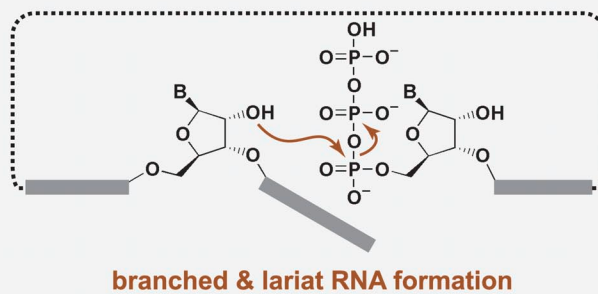
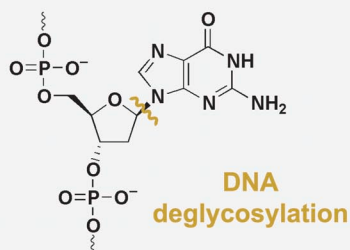
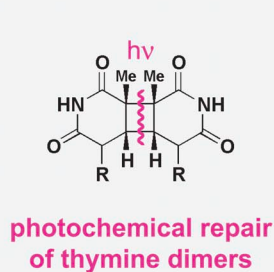
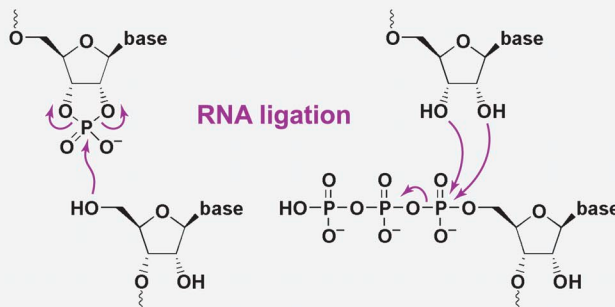


reactions catalyzed by DNA enzymes

RNA cleavage



oxidative DNA cleavage



rate enhancements
up to 10^{10} -fold

very high selectivities
without protecting groups