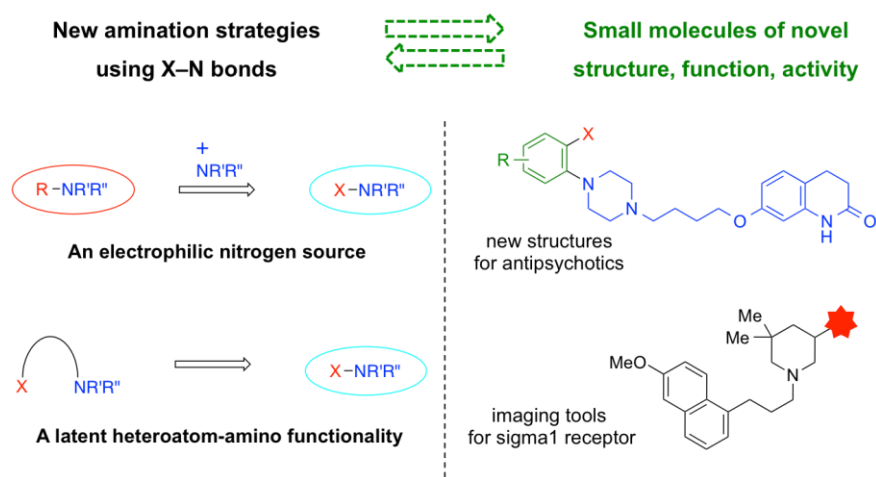


Leveraging Chemistry for Biology and Therapy:

– New amination strategies to access biologically important molecules

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Abstract: This talk will present new amination strategies of exploiting heteroatom-nitrogen bonds as versatile and powerful precursors for rapid and efficient syntheses of biologically and pharmacologically important nitrogen-containing molecules. These synthetic efforts will converge with our longer-term goals of developing novel small-molecule probes for molecular labeling, new antipsychotics, and arginine methylation regulation.