

Urea-Based Foldamers: from structure to function



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Summary

Bioinspired urea-based foldamers are artificial oligomers that are composed of ethylene diamine units connected by urea linkages. This urea backbone offers the possibility to elaborate functional mimetics of α -helical polypeptides. Over the last 10 years intense efforts of research have been devoted in the understanding of the folding rules of these oligoureas, opening now avenues to address the question of function of these helical architectures. This presentation will highlight the principles in the design of urea-based foldamers, the recent progresses in their preparation and their intended functions.

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場所: **化学科第1講義室(理1-415)**