

平成 26 年度第 1 回 VBL セミナー

1st VBL Seminar, 2014

日時：平成 26 年 8 月 4 日（月）10 時 45 分～12 時

場所：工学研究科 1 号館 4 階 144 講義室

講師：Dr. Lijia Liu（VBL 客員准教授）

ハルビン工程大学講師

題目：**Synthesis and Structural Characterization of
o-Phenyleneethynylene-Based Foldamers**

Abstract: An optically inactive o-phenyleneethynylene-based foldamer exhibited induced circular dichroism (ICD) when complexed with enantiopure 1,2-cyclohexanediamine in aqueous media. Upon increasing concentration of the chiral diamine, the ICD intensity of the foldamer increased and subsequently decreased. Interestingly, a mirror-image-like ICD pattern was observed at the higher concentration of the diamine with the same chirality. The change in the ICD pattern of the foldamer may be due to different interaction modes between cyclohexanediamine and the foldamer.

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