



演題：**Mechanochemical Polymer Synthesis:  
JBNU's Understanding and Contributions**

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場所：フロンティア応用科学研究棟1階 セミナー室1

要旨：

Mechanochemical polymer synthesis is an emerging area, broadening the realm of polymer science. Our research group has been involved in ball-milling polymer synthesis since 2016. We witness that many solution-based polymerizations can be transferred to solvent-free solid-state conditions, promoting green chemistry. Also, the impossible combinations in the solution are possible in mechanochemical conditions. In addition, we recently discovered the simplest depolymerization system of polyesters and polycarbonates using mechanochemistry. The case-by-case presentation will explain why mechanochemical polymer synthesis is an attractive field.

本講演は、大学院総合化学院『化学研究先端講義（修士課程選択科目）／総合化学特別研究第二（博士後期課程選択科目）』の一部として認定されています。

連絡先：工学研究院応用化学部門 伊藤 肇（内線：6561）