

化学科講演会のお知らせ

講演題目：Synthesizing Novel Fluorinated Molecules by Adding Fluorine and Removing Fluorine

講師：Prof. Gavin Chit Tsui

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日時：4月7日（火）15時30分より

場所：南7号館7階セミナー室

Summary: A plethora of perfluoroalkylation methods are available for introducing fluorine-containing groups into organic molecules. On the other hand, the selective cleavage and functionalization of C-F bonds in perfluorinated molecules can give access to partially fluorinated compounds with unique advantages. In this presentation, we will disseminate the recent findings in our research group for adopting a perfluoroalkylation-defluorination strategy to synthesize novel fluorinated molecules. Perfluoroalkylation, such as pentafluoroethylation, followed by defluorinative functionalization has proved to be an effective approach for constructing emerging fluorinated structures with high selectivities.

問い合わせは秋山まで