

# ***GTR ORGANIC SEMINAR***

**Asymmetric Assembly of Fluorinated Scaffolds:  
Direct introduction of emerging fluorinated motifs  
versus Transformation of fluorinated building blocks**



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**Summary of lecture:** The synthesis of enantiopure molecules featuring a fluorine atom or a fluorinated motif has stimulated considerable interest. The subtle effects of fluorine atom(s) on the course of asymmetric reactions often offer interesting results when compared with the chemistry of non-fluorinated molecules. The asymmetric construction of fluorinated molecules can be approached either by direct introduction of a fluorinated group or by transformation of prostereogenic fluorinated substrates. In this context, we have investigated various approaches which will be presented in my lecture.

**4:30 pm ~ 6:00 pm, Fri., 3rd June, 2022**

**121 Lecture Room, 2F, Eng. Build. No. 1**



**Host: Kazuaki Ishihara (x3331)**