

化学科講演会のお知らせ

講演題目：Putting the 'Spiro' in Spiroacetals via Rh(II)-catalysed C–H Insertion reactions

講師：Professor Mark Coster
(Griffith University, Australia)

日時：10月16日（金）

午後3時より

場所：南7号館7階セミナー室

Spirocycles, and spiroacetals in particular, are common in a wide variety of biologically active natural products, from insect pheromones to highly potent anti-cancer agents. Most synthetic approaches to spiroacetals rely on C–O bond formation concomitant with cyclisation, with associated stereocontrol constraints due to reversibility or stereoelectronic factors at the transition state. This presentation will focus on our efforts to develop a unified approach to the stereoselective synthesis of spirocycles via Rh(II)-catalysed C–H insertion, providing C–C bond formation concomitant with spirocyclisation. Efforts to date, targeting spiroacetals, will be discussed.

問い合わせは秋山まで