



2015. 4. 15 (水)
10:00-11:00

講演者：Young-Tae Chang 教授

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**演 題： Universal fluorescent probe platform
for almost everything**

The conventional bioprobe design has been carried out by so-called hypothesis-driven approach. The basic assumption of hypothesis-driven approach is that the scientist “knows the target” in advance, and then design the recognition motif for it. An alternative approach is diversity-driven approach, in which a broad range of fluorescence molecules in a library format are constructed by combinatorial chemistry, as a tool box for unbiased screening. Using Diversity Oriented Fluorescence Library Approach (DOFLA), Dr. Chang and his colleagues developed various colorful sensors for many different analyses and bioimaging probes from stem cells to neuronal cells. Dr. Chang will present these results as well as the whole animal imaging data obtained by near infrared probes.

**場 所：京都大学 アイセムス本館（東一条北西角）2階
セミナーホール（A207）**

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