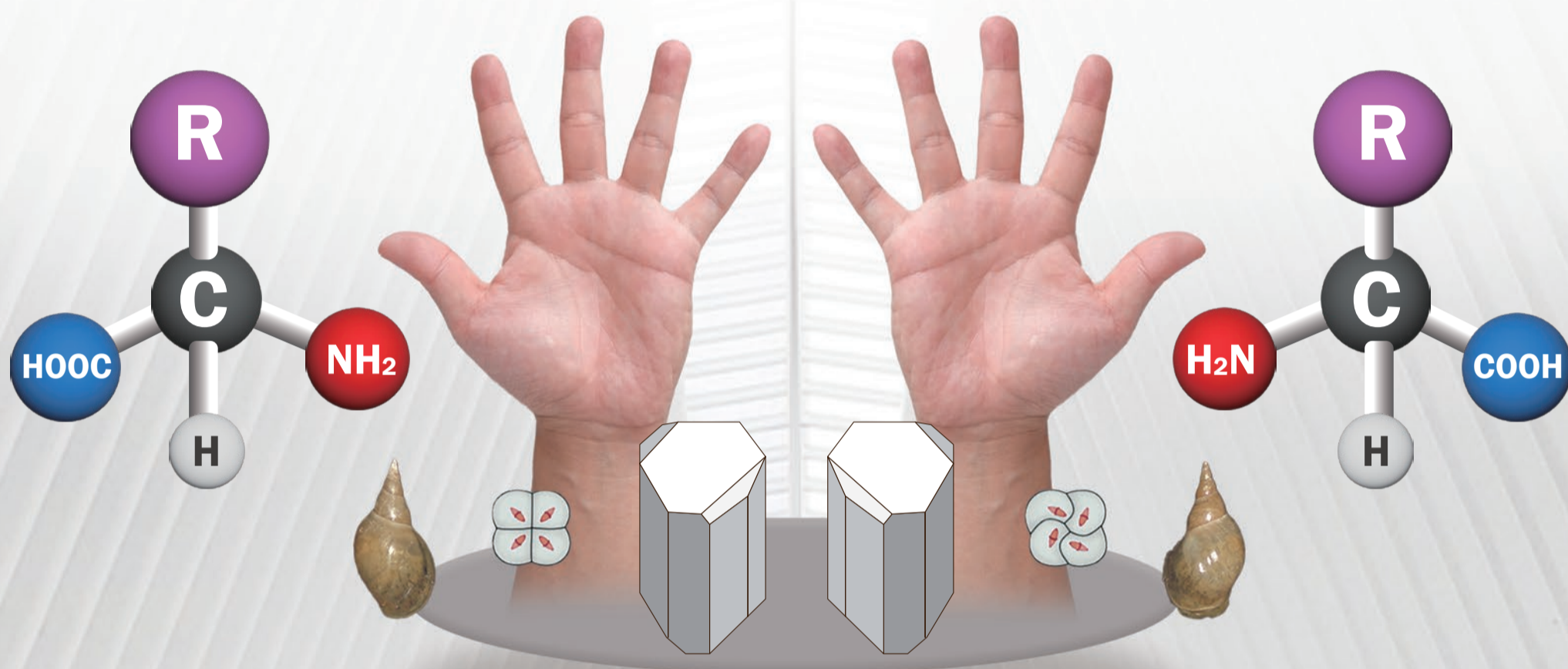


OIST Presidential Lecture

Left and right in nature. Does it matter?



Thu., **May 23**



10:30 – 12:00 **B250** Sydney Brenner Lecture Theater

Left and right asymmetry (chirality) is ubiquitous in nature, from molecules and crystals to living organisms. This seminar will cover the key insights gained from studies of chirality in the solid and solution states, as well as from molecular/developmental biology studies of freshwater snails, e.g., unique molecular behaviors in the solid state,

and entire body-chirality determination by a single gene. These challenging topics have led to advances in measuring the chiroptical properties of materials in the solid state, and in CRISPR genome-editing in mollusks that are currently being applied to control schistosomiasis, a snail-borne neglected tropical disease (WHO).

Prof. Reiko Kuroda

Reiko Kuroda is a Distinguished Professor at Chubu University and Professor Emerita at the University of Tokyo. In 1992, She became the first woman full professor at the University of Tokyo in the field of natural sciences. She has published over 350 original peer-reviewed research papers and has received many awards.

For inquiries contact  oist_president@oist.jp

