

Theme: Development of Synthetic Molecules Manipulating Phytohormone-related Proteins

Purpose:

1. Rapid and quantitative assay methods to measure small-molecule activities for phytohormone-related proteins
2. Discovery of bioactive molecules targeting phytohormone-related proteins

Achievement:

1. Achievement of high-throughput chemical screening for phytohormone-related proteins
2. Synthetic chemical modification and improvement of bioactive molecule candidates
3. Manipulation of phytohormone signaling by synthetic bioactive molecules

