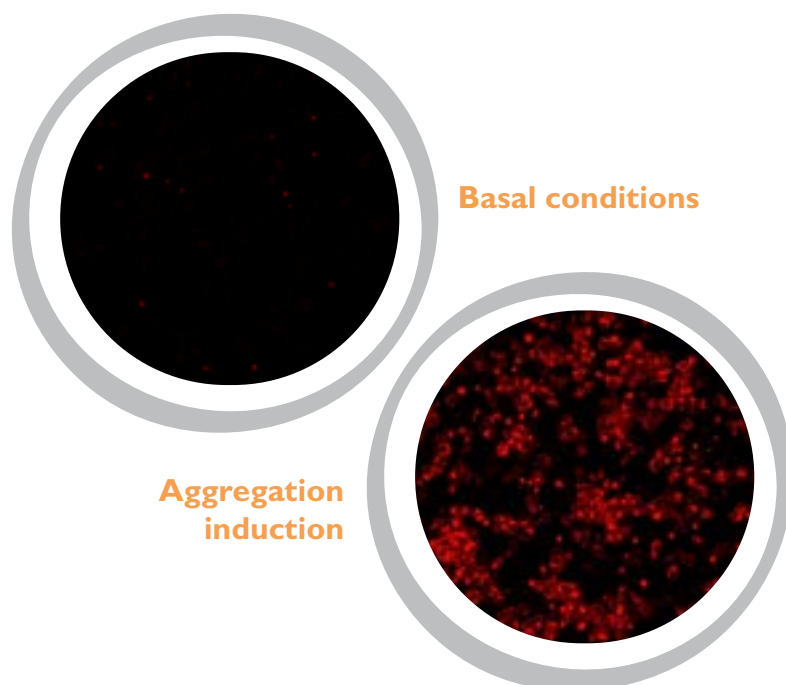
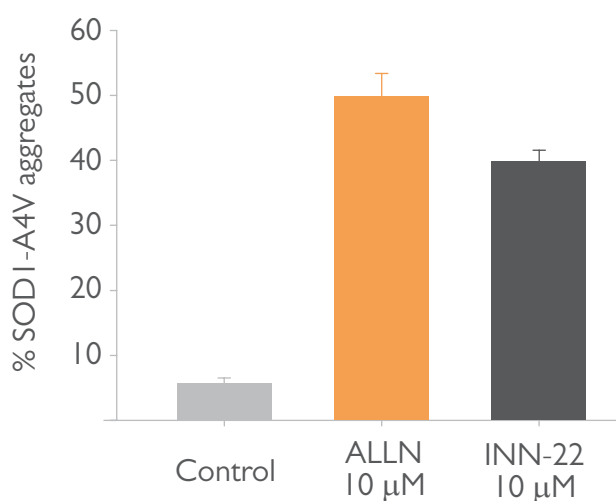
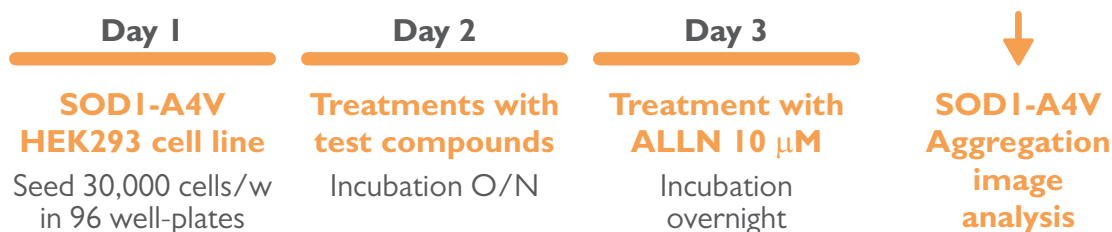


ALS DISEASE IN VITRO MODEL

SODI - A4V aggregation



HEK293 cell line stably expressing red fluorescent SODI-A4V mutant is induced to form SODI aggregates. Before the aggregation process, cells are co-incubated with the test compounds during 24 hours to evaluate their effect preventing SODI aggregation. Then, the cells are treated with ALLN 10 μM . After an overnight treatment, the cells are fixed and the SODI-A4V aggregates are quantified with an image analysis algorithm.



The addition of ALLN 10 μM increases aggregates formation 6-fold. INN-22 reduces to 4.5-fold the percentage of SODI-A4V