

Supporting information

Rapid cytotoxicity screening platform for amyloid inhibitors using a membrane-potential sensitive fluorescent probe

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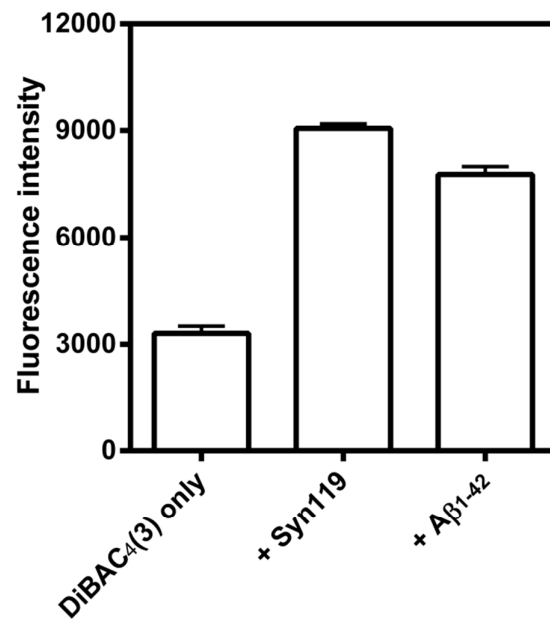


Figure S-1. The background signal of the novel biosensing system

The fluorescence intensity was observed in absence of proteins or presence of 12-h incubated α -Syn119 (final concentration 20 μ M) and 8-h incubated A β 1-42 (final concentration 5 μ M) when these samples were added to U2-OS cells. Error bars represent the standard deviation of triplicate measurements (n=3).

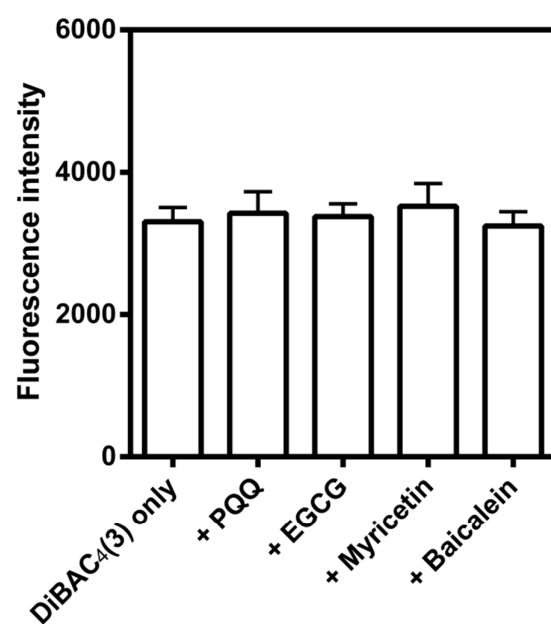


Figure S-2. The effect of inhibitors on the novel biosensing system

The inhibitors; PQQ (final concentration 10 μ M), EGCG, Myricetin and Baicalein (final concentration 5 μ M) were added to U2-OS cells and it was monitored by our novel biosensing system. Error bars represent standard deviation of triplicate measurements (n=3).