

Article

A Small Molecule Promoting Neural Differentiation Suppresses Cancer Stem Cells in Colorectal Cancer

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Citation: Choi, J.K.; Kwak, I.-S.; Yoon, S.-B.; Cho, H.; Moon, B.-S. A Small Molecule Promoting Neural Differentiation Suppresses Cancer Stem Cell in Colorectal Cancer. *Biomedicines* **2022**, *9*, 859. <https://doi.org/10.3390/biomedicines10040859>

Academic Editor: Luca Falzone

Received: 4 March 2022

Accepted: 5 April 2022

Published: 6 April 2022

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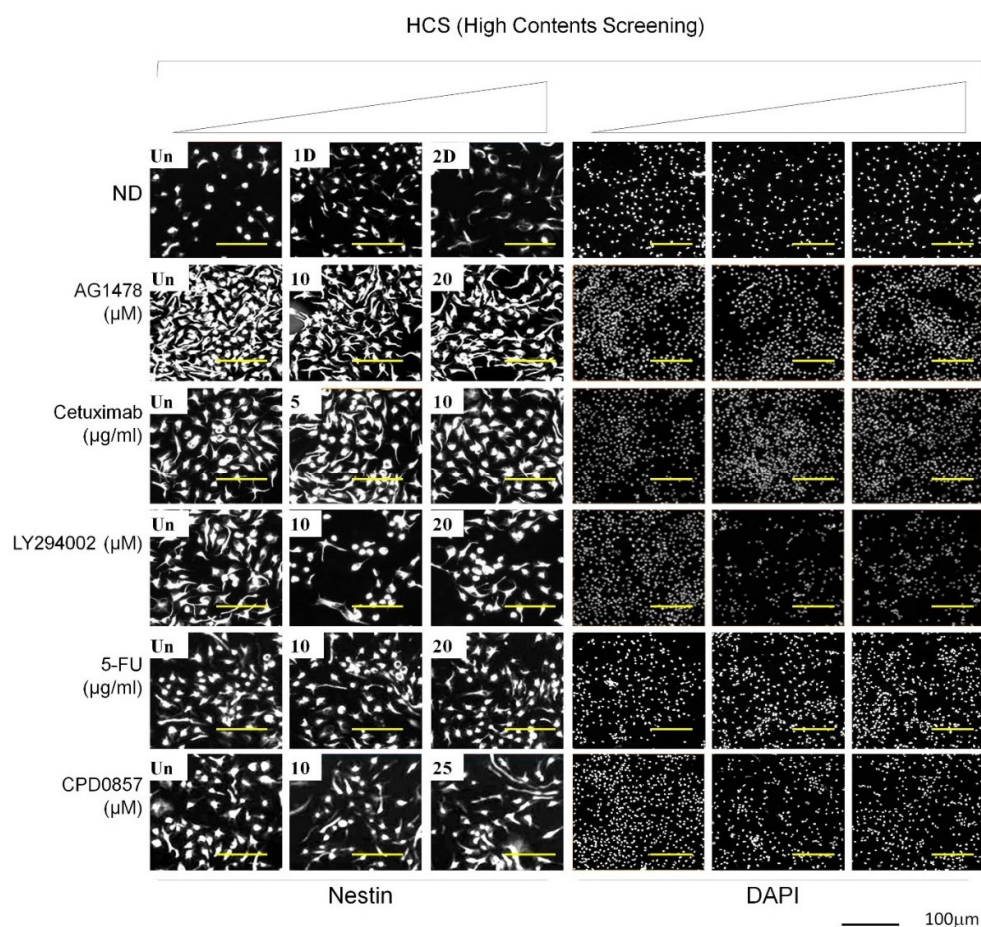


Figure S1. HCS analysis of drugs on proliferation and differentiation of the NPCs. HCS analysis of neurite outgrowth of NPCs. NPCs were grown in medium in the presence or absence of bFGF (20 ng/mL) and were treated with AG1478 (EGFR tyrosin kinase inhibitor, 10, 20 μ M), Cetuximab (EGFR monoclonal antibody, 5, 10 μ M), 5-FU (antineoplastic drug, 10, 20 μ g/mL), LY294002 (PI3K/AKT inhibitor, 10, 20 μ M), and CDP0857 (10, 25 μ M) during 24 h. Cells were subjected to immunofluorescent labeling using antibody specific for Nestin. Nuclei were counterstained with DAPI. Images were obtained using a Cellomics HCS Array Scan. Scale bars, 100 μ m. HCS, High-content screening.