OPTIMIZATION OF SMARTFLARE<sup>™</sup> LIVE CELL RNA DETECTION OF NEURITIN ON PC12 CELLS USING PLATE READER, FLUORESCENCE MICROSCOPE, AND FLOW CYTOMETRY



By Yohanes Santoso 14010050

i3L - Indonesia International Institute for Life Sciences School of Life Sciences

in partial fullfillment of the requirements for the Bachelor of Science in Bio Medicine

> Jakarta, Indonesia 2018