ESTABLISHMENT OF *Eschericia coli* CELL SYSTEM TO INVESTIGATE *glmS* RIBOSWITCH ACTIVITY

By Jeremy David Gunawan 14010018

Submitted to

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

In partial fulfilment of the requirements for the Bachelor of Science in ${\bf Bio\ Medicine}$

Thesis Advisor: Timmy Richardo, M.Sc.

Jakarta, Indonesia 2018