

**CROSS-REACTIVITY ANALYSIS BETWEEN SARS-COV-2 T CELL
EPITOPES WITH EPITOPES FROM OPV, BCG, AND MMR VACCINES
SPECIFIC FOR INDONESIAN POPULATION**



By

Angelika

18010032

Submitted to

i3L – Indonesia International Institute for Life Sciences
Department of Biomedicine

In partial fulfillment of the requirements for the degree of
Biomedicine [Specialization in Tumor Biology]

Jakarta, Indonesia
2022