



**CHULABHORN  
ROYAL ACADEMY**  
Chulabhorn Graduate Institute

Executive Order No. 69 /2018  
Thesis Defense Examination Committee

In order to proceed with the thesis defense examination of Mister Haris Leelayuwapan, student ID 13050201, studying for a Doctor of Philosophy in Chemical Biology, thesis on the title of "TOWARD A VACCINE CANDIDATE AGAINST TUBERCULOSIS: RAPID SYNTHESIS AND IMMUNOLOGICAL ACTIVITIES OF CONJUGATED  $\alpha$ -(1-6) MANNOPYRANAN AND  $\alpha$ -(1-5) ARABINOFURANAN WITH AMINE LINKEP", the Thesis Defense Examination Committee is appointed as follows;

- |                                  |                    |             |
|----------------------------------|--------------------|-------------|
| 1) Assoc. Prof. Dr. Marisa       | Ponpuak            | Chairperson |
| 2) Professor Emeritus Dr. Somsak | Ruchirawat         | Member      |
| 3) Assoc. Prof. Dr. Siwarutt     | Boonyarattanakalin | Member      |
| 4) Dr. Poonsakdi                 | Ploypradith        | Member      |
| 5) Dr. Charnsak                  | Thongsornkleeb     | Member      |

The examination will be held on May 30<sup>th</sup>, 2019 at 1:00 p.m. at Meeting Room, 4<sup>th</sup> floor of Chulabhorn Graduate Institute Building.

Issued on May 23, 2019

*Somsak Ruchirawat*

(Professor Emeritus Dr. Somsak Ruchirawat)

Rector, Chulabhorn Graduate Institute