

**DETECTION OF ANTINUCLEAR ANTIBODIES AND
THE PERCENTAGES OF T REGULATORY AND
T HELPER 17 CELLS IN HIV-
INFECTED INDIVIDUALS**

The seal of Chiang Mai University is a circular emblem. It features an elephant in the center, facing left, with a traditional Thai umbrella (parasol) above its head. The text "มหาวิทยาลัยเชียงใหม่" (Mahavithayalai Chiang Mai) is written in Thai script along the top inner border, and "CHIANG MAI UNIVERSITY 1964" is written in English along the bottom inner border. There are decorative floral motifs on the sides.

KANYANEE PROMSAWAN

**MASTER OF SCIENCE
IN MEDICAL TECHNOLOGY**

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**GRADUATE SCHOOL
CHIANGMAI UNIVERSITY
MAY 2017**

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PERCENTAGES OF T REGULATORY AND T HELPER 17
CELLS IN HIV-INFECTED INDIVIDUALS**

KANYANEE PROMSAWAN

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
MASTER OF SCIENCE**

IN MEDICAL TECHNOLOGY

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
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9 May 2017

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Kanyanee Promsawan

The seal of Chiang Mai University is a circular emblem. In the center is an elephant facing left, with a torch in its trunk. Above the elephant is a sunburst. The Thai text "มหาวิทยาลัยเชียงใหม่" (Mahavithayalai Chiang Mai) is written in a circle around the central image. Below the Thai text, "CHIANG MAI UNIVERSITY 1964" is written in English. The seal is rendered in a light gray watermark style.

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