

**EPIDEMIOLOGY AND MOLECULAR CHARACTERIZATIONS
OF ROTAVIRUSES, NOROVIRUSES, SAPOVIRUSES,
ASTROVIRUSES AND ADENOVIRUSES ISOLATED
FROM PEDIATRIC PATIENTS HOSPITALIZED
WITH ACUTE GASTROENTERITIS**

NATTHAWAN CHAIMONGKOL

**MASTER OF SCIENCE
IN MICROBIOLOGY**

**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

AUGUST 2010

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
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**THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF SCIENCE
IN MICROBIOLOGY**

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