

**EFFECT OF PLAI (*ZINGIBER CASSUMUNAR* Roxb.) EXTRACT ON THE LEVELS
OF HYALURONAN, GLYCOSAMINOGLYCAN AND MATRIX
METALLOPROTEINASES FROM ORAL FIBROBLAST
AND EPITHELIAL CELLS**

PAREENA CHOTJUMLONG

MASTER OF SCIENCE

IN BIOCHEMISTRY

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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CHIANG MAI UNIVERSITY

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FUFILLMENT OF THE REQUIREMENTS
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THIS THESIS HAS BEEN APPROVED
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