

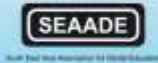
31st IADR-SEA 28th SEAADE



31st

IADR-SEA

(International Association for
Dental Research, South-East Asia Division)



28th

SEAADE

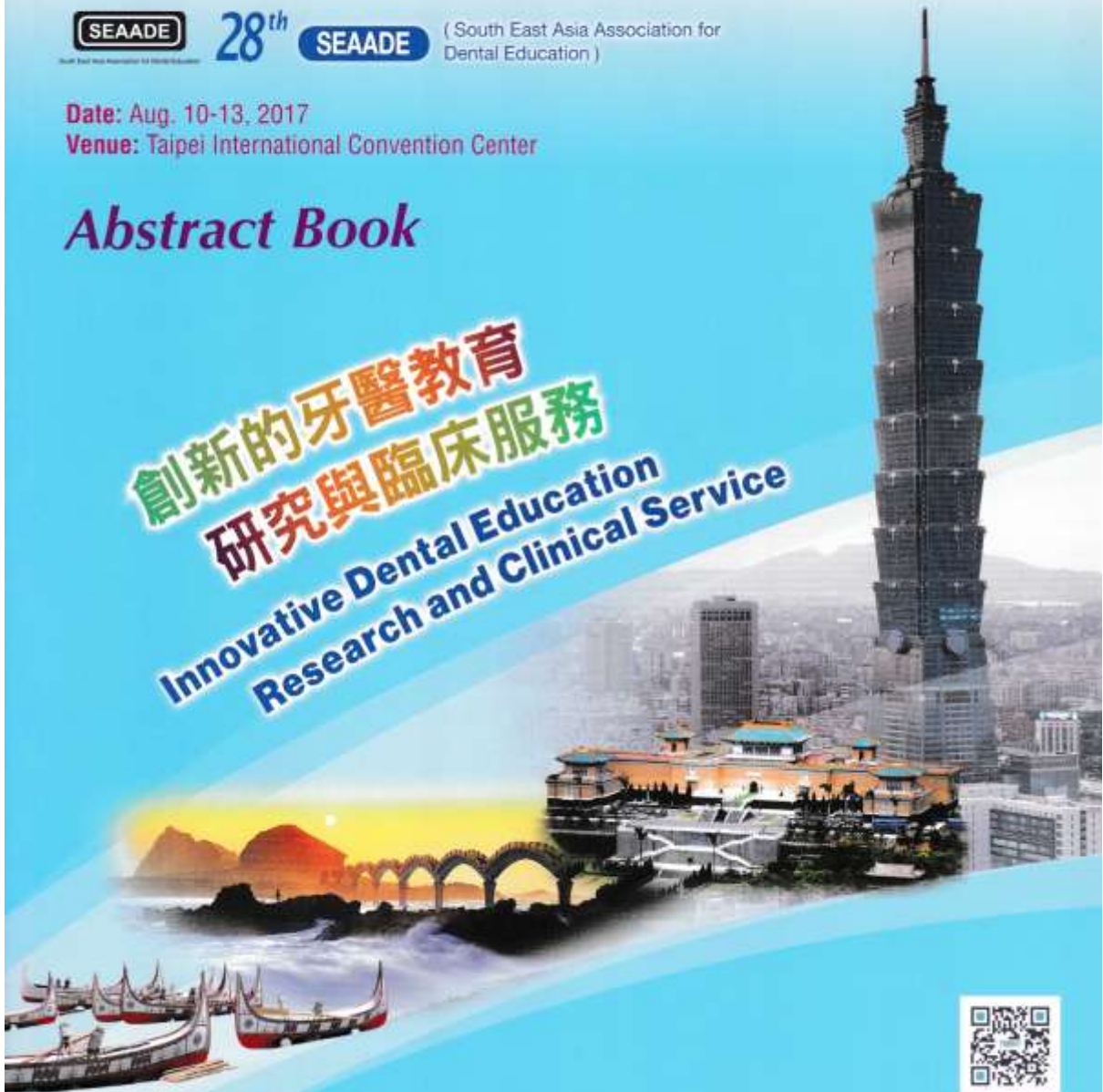
(South East Asia Association for
Dental Education)

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Abstract Book

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研究與臨床服務
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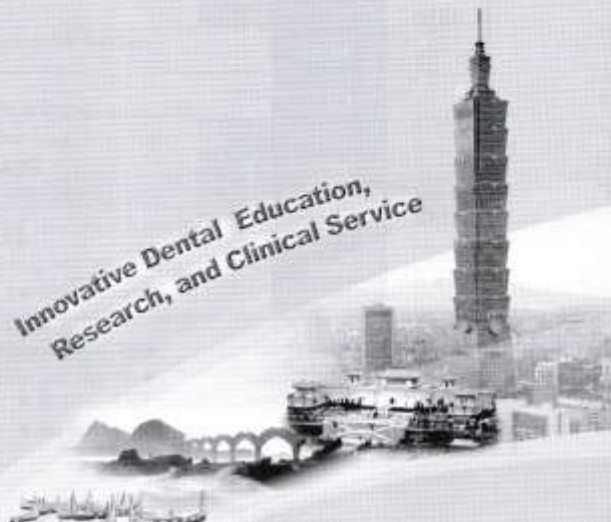
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*Innovative Dental Education,
Research, and Clinical Service*



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Exploring Marine Biota in Dentistry for Student Research

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Introduction: Some marine biota have been consumed as folk medicine and have been historically known to have the health benefit. Recently, research on marine medicine have been rapidly developed and assumed with the natural medical content, its related in dentistry is considered to be studied for further application.

Objective: Dental students research could be directed to explore marine natural resources in dentistry. The aim of this study was to present the student research contribution in the study of marine biota exploration in dentistry.

Methods: Thesis with the topic of marine biota research related to dentistry from 300 students of Faculty of Dentistry Hang Tuah University in 2013-2016 were listed and presented as descriptive statistic.

Result: The number of marine biota research performed from total number of student thesis researches were increased: 2013 (26%), 2014 (54%), 2015 (53%) and 2016 (78%). The marine subject were various species of sea cucumber (42%), clam (15%), mangrove (15%), algae (14%), chitosan (7%), fish (6%) studied on its basic content of medical properties, antibacterial, antifungal, antioxidant, bone and wound healing, scaffold and miscelanous dental material, accomplished to dental and oral conditions.

Conclusion: Student's research experience have an important value in dental education, the encouragement to explore natural resources could lead to novel achievement in dentistry issues. The raising trend of marine biota research in dentistry revealed the basic discoveries of natural resources potency in oral treatment.

Keywords: marine biota, natural resources, dentistry, research