

" 5TH UNIVERSITI MALAYA - CHINA MEDICAL UNIVERSITY JOINT POSTGRADUATE RESEARCH SYMPOSIUM "

From Concept To Clinic: Biomedical Engineering Innovations In Dental Care

Online Conference 
5th December 2024

An International flavour of Guest Lectures & Oral Presentations.



Keynote Lecture 2:

Leveraging Biomedical Engineering
for Enhanced Treatment Outcomes



Keynote Lecture 1:

Application of Biomedical
Engineering to Dental Implant Research

Prof Heng-Li Huang
China Medical University
Taiwan

Dr. Robert J. Philpott
Endodontics Consultant
Ireland

Registration is free
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Symposium Registration



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Co-organizers:

Department of Restorative Dentistry, Universiti Malaya and
Department of Biomedical Engineering, China Medical University

Oral Presenters



Dr. Sarah Lim Wan Lin

(Universiti Malaya, Malaysia)

Oral Presentation 1: Development and Initial Evaluation of The Molar Incisor Hypomineralisation Early Detection and Intervention Training Module (MIH-EDIT) for Dental Therapists



Dr. Maria Paulen Dee Manuel

(China Medical University Taiwan)

Oral Presentation 2: Efficacy of Thymol-Vapor-Phase as Anti-microbial Agent in Reducing Oral Microbes Causing Infection Using Endodontic-Resin Blocks



Dr. Zhao Xiao Wei

(The University of Hong Kong, Hong Kong)

Oral Presentation 3: Short-Term Effectiveness of Silver Diamine Fluoride on Arresting Root Caries in Community-Dwelling Older Adults



Dr. Cheng-Yi Yang

(China Medical University, Taiwan)

Oral Presentation 4: Mechanical Analysis of Conical Dental Implant System with Porous Design



Dr. Pramot Lappichetpaiboon

(Khon Kaen University, Thailand)

Oral Presentation 5: Anticandidal effects of bisdemethoxycurcumin & melatonin with dual light emitting diode in photodynamic therapy



Dr. Marceline Olivia

(Universitas Indonesia, Indonesia)

Oral Presentation 6: Visual Strategies for Managing Dental Fear and Anxiety (DFA) Among Persons with Hearing Impairment: A Systematic Review



Mr. Tian Zhu

(Kyushu University, Japan)

Oral Presentation 7: The Association between the Number of Teeth and Instrumental Activities of Daily Living in Japanese Older People



Dr. Rahmadani Puspitasari

(Universitas Gadjah Mada, Indonesia)

Oral Presentation 8: 3D Bioprinted Chitosan-based Cryogel as Smart Injectable Scaffold for Immature Necrotic Permanent Teeth Treatment



Dr. Patricia Ponniah Devhadoss

(Universiti Malaya, Malaysia)

Oral Presentation 9: Facilitators to the Implementation of The Sparkle Package : A Qualitative Study of Teachers' Perspectives



Dr. Ola AbdelSamad Amin

(October University for Modern Sciences & Arts, Egypt)

Oral Presentation 10: Assessment of Stability and Marginal Bone Loss of Early Loaded Nano Coated Hydroxyapatite Implants in Posterior Maxilla



Dr. Ratih Widyasari

(Universitas Padjadjaran, Indonesia)

Oral Presentation 11: Carbonate Apatite-Bovine Gelatin Scaffolds for Dental Applications: A Comprehensive Study of Consistency, Bioactivity, and Regenerative Potential

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Program Schedule

Time (Malaysian STD Time)	Programme	Presenter
9:45	Opening Ceremony	
10:00	Keynote Lecture 1: Application of Biomedical Engineering to Dental Implant Research	Prof Heng-Li Huang (China Medical University,Taiwan)
11:00	Oral Presentation 1: Development and Initial Evaluation of The Molar Incisor Hypomineralisation Early Detection and Intervention Training Module (MIH-EDIT) for Dental Therapists	Dr. Sarah Lim Wan Lin (Universiti Malaya, Malaysia)
11:15	Oral Presentation 2: Efficacy of Thymol-Vapor- Phase as Anti-microbial Agent in Reducing Oral Microbes Causing Infection Using Endodontic-Resin Blocks	Dr. Maria Paulene Dee Manuel (China Medical University,Taiwan)
11:30	Oral Presentation 3: Short-Term Effectiveness of Silver Diamine Fluoride on Arresting Root Caries in Community-Dwelling Older Adults	Dr. Zhao Xiao Wei (The University of Hong Kong, Hong Kong)
11:45	E-poster Presentation	
12:15	Oral Presentation 4: Mechanical Analysis of Conical Dental Implant System with Porous Design	Dr. Cheng-Yi Yang (China Medical University, Taiwan)
12:30	Oral Presentation 5: Anticandidal effects of bisdemethoxycurcumin & melatonin with dual light emitting diode in photodynamic therapy	Dr. Pramot Lappichetpaiboon (Khon Kaen University, Thailand)
12:45	Oral Presentation 6: Visual Strategies for Managing Dental Fear and Anxiety (DFA) Among Persons with Hearing Impairment: A Systematic Review	Dr. Marceline Olivia (Universitas Indonesia, Indonesia)
13:00	Oral Presentation 7: The Association between the Number of Teeth and Instrumental Activities of Daily Living in Japanese Older People	Mr. Tian Zhu (Kyushu University, Japan)
13:15	Sponsored Event	
13:45	E-poster Presentation	
14:30	Oral Presentation 8: 3D Bioprinted Chitosan-based Cryogel as Smart Injectable Scaffold for Immature Necrotic Permanent Teeth Treatment	Dr Rahmadani Puspitasari (Universitas Gadjah Mada, Indonesia)
14:45	Oral Presentation 9: Facilitators to the Implementation of The Sparkle Package : A Qualitative Study of Teachers' Perspectives	Dr Patricia Ponniah Devhadoss (Universiti Malaya, Malaysia)
15:00	Oral Presentation 10: Assessment of Stability and Marginal Bone Loss of Early Loaded Nano Coated Hydroxyapatite Implants in Posterior Maxilla	Dr. Ola AbdelSamad Amin (October University for Modern Sciences & Arts, Egypt)
15:15	Oral Presentation 11: Carbonate Apatite-Bovine Gelatin Scaffolds for Dental Applications: A Comprehensive Study of Consistency, Bioactivity, and Regenerative Potential	Dr Ratih Widyasari (Universitas Padjadjaran, Indonesia)
15:30	Keynote Lecture 2: Leveraging Biomedical Engineering for Enhanced Treatment Outcomes	Dr. Robert J. Philpott (Endodontics Consultant, Ireland)
16:30	E-Poster Winner Announcement	
16:40	Closing Remarks	