

Asian Network of Dental Materials Societies (ANDeMS)

2nd Meeting 2025

Program

For those who do not bring a PC for the presentation

Please rename your presentation file to the presentation number listed in this program and save the file to the conference PC before the session begins. **Young representatives**, **General Session**, and **Rapid Fire Talk** folders are available on the desktop. Thank you for being so cooperative!

1. Date January 23-24, 2025

2. Venue The Asahi Building B1F, 2-1-1 Hakata Ekimae, Hakata-ku, Fukuoka, Japan

3. Program

January 23rd

(13 : 00 – 15 : 00 Business meeting, delegates and young representatives only)

15 : 30 – 15 : 40 **Opening remarks** : Prof. Satoshi Imazato, President of ANDeMS

Introductory talk by young representatives from five countries: Chair Motohiro Uo

15 : 40 – 16 : 00 **Indonesia**

Gema Gempita

Fabricating antibacterial chitosan coated silk suture with electrophoretic deposition method

16 : 00 – 16 : 20 **South Korea**

Min-Ho Hong

Antimicrobial activity of inorganic nanoparticles for oral health promotion

16 : 20 – 16 : 40 **Malaysia**

Sofya Zulkifli

Embarking on the Research Journey: The Search for Niche and the Role of Institutional Support

16 : 40 – 17 : 00 **Break**

17 : 00 – 17 : 20 **Thailand**

Watcharaphol Tiskratok

Mechanoregulation of Cellular Responses for Regeneration and Malignancy Progression in Oral Tissue by Substrate Stiffness

17 : 20 – 17 : 40 **Japan**

Noboru Kajimoto

Fabrication of resin cements that can assist in prosthetic removal

17 : 40 ~ **Group photographing**

18 : 30 ~ **Social gathering** at restaurant “Heartful dining NANATSUNO HANA” of JR Kyushu Hotel “Blossom Hakata Chuo”

January 24th

Academic Talk Session 1: Chair Takuya Matsumoto

10 : 00 ~ **General Session** (15 min including discussion per person)

1. Atia Nur Sidiqa (Indonesia)
A new combination of Nanoparticle Calcium Hydroxide with Prebiotic Nisin to eradicate root canal pathogens
2. Atthasit Kanwiwatthanakun (Thailand)
Effect of sintering rate on translucency, color difference, and flexural strength of various yttria containing monochromatic zirconia
3. Nur Fatiha Ghazalli (Malaysia)
Sustainable Design of Natural and Synthetic Biomaterials for Wound Healing Applications
4. Hiroshi Ikeda (Japan)
Development of 3D-printable polymer-infiltrated ceramic networks for advanced dental applications

Lunch Break

Academic Talk Session 2: Chair Motohiro Uo

13 : 00 ~ **Rapid Fire Talk** (5 min each with a few slides)

1. Gyu-Yeon Shim (South Korea)
Thermosensitive hydrogel-based local drug delivery system for periodontitis management
2. Huong Dang (South Korea)
The immobilization of Fibroblast Growth Factor on Poly (L-lactic-co-glycolic) acid 3D scaffolds promotes oral soft tissue regeneration
3. Gyeong Mi Seon (South Korea)
Bioactive Coatings for Titanium Implants: Combining Arginine-Glycine-Aspartic Acid and Phosphatidylserine to Enhance Immunomodulation and Bone Integration
4. Noor Azlin Yahya (Malaysia)
Optimizing Cure and Cross-Link Density in Bulk-Fill Giomers: A Comparative Study of Light Curing Techniques
5. Dasmawati Mohamad (Malaysia)
Biocompatibility evaluations of Novel Zinc Oxide Eugenol Dental Cements: In Vivo Study
6. Pasutha Thunyakitpisal (Thailand)
Evaluation and comparison of shear bond strength and surface roughness of light-activated dental pit and fissure sealants
7. Orakarn Kanwiwatthanakun (Thailand)
Comparison of Dentin Hardness on Demineralized Dentin Surfaces Treated by Silver Diamine Fluoride with Light Curing under Acid-Base Challenge, Using a Nanoindentation.

8. Ahmad Bikharudin (Japan)

Heavy Metals Detoxification in Hard Tissue by Co-precipitating Materials

9. Hirohiko Sakai (Japan)

Effectiveness of smart bioactive glasses to release Li and Sr for direct pulp capping

Closing remarks : Prof. Pasutha Thunyakitpisal