



# Tokyo Dental College Well-being Project Asian Rising Stars Symposium 2025

2025.7.19 (Sat) 13 : 00 ~ 17 : 05



Well-being PRJ

Symposium URL 【Zoom】

<https://us06web.zoom.us/j/87024574885?pwd=JrOxjG3nMU7gMzbEOTRWHjpOoJUIvP.1>

Meeting ID : 870 2457 4885  
Passcode : 422897

## Opening Remarks

Akira Katakura (Dean, Tokyo Dental College)

### ■ Akihiro Nishiyama (Tokyo Dental College)

Influence of the MCT1 inhibitor AZD3965 on the radio-sensitivity of HPV-negative and HPV-positive HNSCC cell lines exposed to carbon-ion irradiation

### ■ Yu-Cheng Lin (National Yang Ming Chiao Tung University)

Oral Genomics on the Cloud: An Interdisciplinary Perspective

### ■ Byeong-min Lee (Seoul National University Dental Hospital)

Bridging Oral Microbiota and Orofacial Pain Disorders: The Case of Burning mouth syndrome and Temporomandibular disorders

### ■ Ryuya Kurashima (Tokyo Dental College)

Functional crosstalks between Piezo1-TRPV1/TRPA1 channels via intracellular arachidonic acid cascade in odontoblasts

## Keynote Lecture

### ■ Takashi Yamashiro (The University of Osaka)

Promoting Odontoblast Differentiation and Dentin Regeneration through Wnt Signaling Activation via Sugar Chain Modification of Cell Surface Heparan Sulfate Proteoglycans

### ■ Eun-Jung Kim (Yonsei University College of Dentistry)

Fundamental Strategies Toward Bioengineered Tooth Development

### ■ Fei Pei (Wuhan University)

Mesenchymal stem cell sensory nerve niche regulates tooth homeostasis, development and repair

## Closing Remarks

Akira Yamaguchi (Well-being Project advisor, Tokyo Dental College)



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