

Comprehensive view of advances in **Periodontology** from Pathogenesis to Regenerative Therapy

**13 JUNE 2025 (FRIDAY)****9:30 AM - 11:30 AM****SEMINAR ROOM S10-5, LVL 10, NUCOHS****INCLUDED****\$10 Nominal Fee**

Lecture Details

This lecture provides an overview of the molecular and microbial pathogenesis of periodontitis, emphasizing the roles of dental biofilm and host-related risk factors such as smoking and diabetes. It explores current treatment approaches, including mechanical and adjunctive chemical plaque control, and highlights the limitations of conventional therapies in achieving true tissue regeneration.

The session will also present recent advancements in biologically based regenerative therapies—particularly the use of FGF-2 to stimulate endogenous stem cells for the regeneration of periodontal structures—now clinically applied in Japan.

**For
Registration****2 CPE
Point****Prof. Shinya Murakami, DDS**

Professor Emeritus, Specially appointed Professor
Department of Periodontology and Regenerative Dentistry
Graduate School of Dentistry, Osaka University, Japan



Prof Shinya Murakami

**Specially-appointed Professor & Professor Emeritus,
Osaka University Graduate School of Dentistry**



Professor Shinya Murakami is a distinguished leader in the field of periodontology and regenerative dentistry. He currently serves as a Specially-appointed Professor and Professor Emeritus at the Department of Periodontology and Regenerative Dentistry, Osaka University Graduate School of Dentistry. From 2002 to 2024, he was Professor and Chair of the department, and previously served as Director (2016–2020) and Vice Director (2008–2016) of the Osaka University Dental Hospital.

Prof. Murakami earned his Doctor of Dental Surgery (D.D.S.) from Osaka University in 1984 and completed his Ph.D. at the same institution in 1988. He furthered his research career as a Visiting Fellow at the National Cancer Institute, National Institutes of Health (USA) from 1988 to 1990, contributing to key developments in periodontal science.

He has held major leadership roles, including President of the Japanese Society of Periodontology (2019–2021), President of the IADR Periodontal Research Group (2012–2013), and President of the Japanese Division of IADR (2011–2012). He currently serves as General Secretary of the Asian Pacific Society of Periodontology. Prof. Murakami is also an honorary member of the American Academy of Periodontology and other prominent dental societies.

Prof. Murakami's outstanding contributions to research and education have been recognized through numerous prestigious awards over the years. These include the IADR Distinguished Scientist Award for Basic Research in Periodontal Disease (2013), the IADR/PRG Award in Regenerative Periodontal Medicine (2018), and the Honorary Membership Award from the American Academy of Periodontology (2019). More recently, he received the Distinguished Service Award from the Japanese Society of Periodontology (2023) and the Japanese Society of Conservative Dentistry (2024). He continues to play a vital role in advancing periodontal education and global scientific exchange.