

**List of Academic Exhibits**

Presentation No.	Submission No.	Name of Author		Name of Author's Institution	Title of Abstract	Category
AE-001	20003	MD Rubayet Alam	PRODHAN	Section of Orthodontics and Dentofacial Orthopedics, Faculty of Dental Science, Kyushu University	Micro RNA-134 regulates proliferation, differentiation, cell shape, and actin cytoskeleton during early chondrogenesis of ATDC5.	02. Growth and development
AE-002	20026	JIRATCHAYA	SRISUTHA	Department of Orthodontic Science, Tokyo Medical and Dental University	P2X7R and P2X4R expression of mice submandibular gland in high-fat diet/streptozotocin-induced type 2 diabetes	03. Oral physiology
AE-003	20041	Huan	TANG	Department of Orthodontics, The Affiliated Stomatological Hospital of Nanjing Medical University, Nanjing, China	Bioinformatics-based identification of key genes in patients with Parkinson's disease and obstructive sleep apnea	04. Etiology and epidemiology
AE-004	20001	Wasupol	SODSOOK	Department of Maxillofacial Orthognathics, Division of Maxillofacial and Neck Reconstruction, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University	Roles of B-cell lymphoma 6 (BCL6) in orthodontic tooth movement of rat molars	06. Histology
AE-005	20002	Yeming	LU	Department of Maxillofacial Orthognathics, Division of Maxillofacial and Neck Reconstruction, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University	Analysis of SOD3 expression patterns under hypoxia during tooth development in mice	06. Histology
AE-006	20023	Jinghan	MA	Division of Orthodontics and Dentofacial Orthopedics, Tohoku University Graduate School of Dentistry	Analysis of DHA effects on osteoclastogenesis through GPR120 in a bone marrow chimeric mouse model	07. Biochemistry and molecular biology
AE-007	20024	Ziqiu	FAN	Division of Orthodontics and Dentofacial Orthopedics, Tohoku University Graduate School of Dentistry	Azilsartan attenuates LPS-induced osteoclastogenesis and bone resorption via inhibition of TNF- $\alpha$ ; expression in Macrophages	07. Biochemistry and molecular biology
AE-008	20031	Aseel	MARAHLEH	Frontier Research Institute for Interdisciplinary Sciences, Tohoku University	The transcriptomic landscape of hyperglycemic osteocytes	07. Biochemistry and molecular biology
AE-009	20036	Hyeryeong	KIM	Department of Orthodontics, Pusan National University Dental Hospital	A remineralizing orthodontic etchant that utilizes calcium phosphate ion clusters	08. Bio-materials
AE-010	20037	Youna	PAIK	Department of Orthodontics, Dental Research Institute, Pusan National University	Biomimetic remineralization effect of calcium phosphate ion clusters treated enamel on bracket shear bond strength	08. Bio-materials
AE-011	20040	Siew Peng	NEOH	Department of Orthodontics, Mahidol University	Comparison of fit and thickness between 3D-printed and thermoformed retainers using micro-computed tomography	08. Bio-materials
AE-012	20005	Jian-Hong	YU	Department of Orthodontics, China Medical University and Hospital Medical Center, Taiwan, R.O.C.	Introduction of dental VR development for preliminary clinical education:Application in orthodontic education	11. Dental education
AE-013	20028	Theerasak	NAKORNNOI	Department of Orthodontics, Mahidol University	Technology-enhanced orthodontic practice: the expected competence for new generation of orthodontists	11. Dental education
AE-014	20029	Kawin	SIPIYARUK	Department of Orthodontics, Mahidol University	The current state of dental sleep medicine education in accredited postgraduate orthodontic programs in Thailand	11. Dental education
AE-015	20030	Kawin	SIPIYARUK	Department of Orthodontics, Mahidol University	Perceptions of key stakeholders toward the use of teleorthodontics in clinical practice	11. Dental education
AE-016	20034	Rochaya	CHINTAVALAKORN	Department of Orthodontics, Mahidol University	Virtual setup in simulating treatment outcomes in orthodontic practice: A systematic review	11. Dental education
AE-017	20039	RATTAKAN	KANPIPUTANA	Department of Orthodontics, Faculty of Dentistry, Mahidol University, Bangkok, Thailand	A conceptual framework for the selection of 3D printing technology of orthodontic residents	11. Dental education
AE-018	20004	Nicha	KOSITKITTIWANIT	Tokyo Medical and Dental University and Chulalongkorn University International Joint Degree Doctor of Philosophy Program in Orthodontics,	Biomechanical evaluation of surgical-orthodontic treatment for facial asymmetry with reverse occlusal cant	15. Surgical-orthodontic treatment

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AE-019	20000	KANTAKAWEE	RUANKAEO	Faculty of Dentistry, Prince of Songkla University	Prevalence and Patient Acceptability of Temporomandibular Disorders During Orthodontic Treatment	16. TMD
AE-020	20038	Peerapong	SANTIWONG	Department of Orthodontics, Mahidol University	Influential factors and consequences of patient dissatisfaction with orthodontic treatment outcomes	17. Comprehensive dental treatment
AE-021	20033	Jin Beom	KIM	Department of Orthodontics, Seoul National University Dental Hospital	Treatment effects of tongue crib appliance in growing patient	26. Open bite
AE-022	20035	Sasin	SRITARA	Department of Orthodontics, Faculty of Dentistry, Mahidol University	Cephalometric assessment of craniocervical posture in anterior open bite patients	26. Open bite