

### List of Academic Exhibits

Presentation No.	Submission No.	Name of Author		Name of Author's Institution	Title of Abstract	Category
AE-001	92003	SUN	Wenqian	Department of Orthodontic Science, Tokyo Medical and Dental University	Impact of change in food properties on learning/memory function in the growing mice	02. Growth and development
AE-002	92005	GUAN	Hao	Department of Orthodontic Science, Tokyo Medical and Dental University (TMDU ) Graduate School	Reversible effects of functional mandibular lateral shift on masticatory muscles in the growing rats	02. Growth and development
AE-003	92006	LI	Ruixin	Department of Orthodontic Science, Tokyo Medical and Dental University (TMDU) Graduate School	Altered neuromuscular behavior during cortically-elicited rhythmic jaw movement in obese Zucker rat	03. Oral physiology
AE-004	20027	WIJARN	Sansanee	Tokyo Medical and Dental University and Chulalongkorn University International Joint Degree Doctor of Philosophy Program in Orthodontics	Evaluation of The Effect of Flute Design on Orthodontic Miniscrews Stability Using Human Bone Analogue	05. Biomechanics
AE-005	20024	REN	Jiayi	Department of Orthodontics and Dentofacial Orthopedics, Tohoku University Graduate School of Dentistry	The effect of Angiotensin (1-7) on LPS-induced osteoclastogenesis.	06. Histology
AE-006	20023	MA	Jinghan	Division of Orthodontics and Dentofacial Orthopedics, Tohoku University Graduate School of Dentistry	Docosahexaenoic acid inhibits TNF- $\alpha$ -induced osteoclast formation and orthodontic tooth movement through GPR120	07. Biochemistry and molecular biology
AE-007	20030	LOU	Yixin	Department of Orthodontic Science, Tokyo Medical and Dental University (TMDU) Graduate School	Observation of root resorption/repair and related cytokines by application/removal of light orthodontic force in rats	07. Biochemistry and molecular biology
AE-008	20028	ZUNIGAHEREDIA	Enrique E.	Department of Orthodontics, Health Sciences University of Hokkaido	Photo-switchable surface modification of bioactive glass for the Ca <sup>2+</sup> control	08. Bio-materials
AE-009	20026	KIM	Min-Jung	Department of Orthodontics, Kyung Hee University	Computerized automatic landmark identifying system based on multi-phase convolutional neural networks with CBCT Images	09. Computer
AE-010	20031	LEE	Su-Hyun	Department of Orthodontics, Kyung Hee University	Evaluation of soft tissue changes after preoperative orthodontic treatment in skeletal Class III patients	09. Computer
AE-011	20018	PARK	Ji-Ae	Department of Orthodontics, Graduate School, Seoul National University	Time series analysis	10. Statistics
AE-012	20002	YU	Jian-Hong	Department of Orthodontics, China Medical University Hospital Medical Center	Introduction of dental VR development for preliminary clinical education	11. Dental education
AE-014	20000	HONG	Hyunseung	Department of Orthodontics, Seoul National University	Impact of the maxillary lateral incisor on the maxillary canine in grafted unilateral cleft patients.	21. Cleft lip and palate
AE-015	92008	XU	Lin	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Retinoic acid signaling is essential for upper incisor development	22. Congenital anomaly