

## List of Academic Exhibits

The 74th Annual Meeting of JOS

Presentation No.	Submission No.	Name of First Author	Author's Institution	Country	Title of Abstract	Category
AE-001	20019	TANIKAWA Chihiro	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Japan	Do incisor inclination changes following orthodontic treatment influence the 3D configuration of the face?	01. Craniofacial morphology
AE-002	20033	KIM Seong-Sik	Department of Orthodontics, Pusan national university	Republic of Korea	The differences among directions, genders, and observers in the perception of eye and nose asymmetry	01. Craniofacial morphology
AE-003	20005	LIN Yang Sung	Department of Biomedical Engineering, National Yang-Ming University	Taiwan	Evaluation of the biomechanical safety of a revolving temporary anchorage cap using in-vitro experimental testing	05. Biomechanics
AE-004	20034	HUANG Shao F.	Department of Biomedical Engineering, Yang-Ming University, Taiwan	Taiwan	Development of the customized bone plate for Le Fort I osteotomy	05. Biomechanics
AE-005	20039	TOCHIGI Keisuke	Department of Orthodontics, The Nippon Dental University of Life Dentistry at Tokyo	Japan	Orthodontic force magnitude delivered by archwire size and ligation method	05. Biomechanics
AE-006	20030	KAGEYAMA Toru	Department of Orthodontics, Matsumoto Dental University	Japan	Effects of aging and stimulation by non-contacted pulsed radiofrequency on orthodontic tooth	06. Histology
AE-007	20008	OHKURA Mariko	Department of Oral Biological Science, Division of Orthodontics, Niigata University Graduate School Medical and Dental Sciences	Japan	Expressional analysis of prostaglandin I <sub>2</sub> synthase and receptor in rat molar pulp during experimental tooth-movement	07. Biochemistry and molecular biology
AE-008	20024	LI Peiqi	Department of Orthodontics, Graduate school, Osaka Dental University,	Japan	Rescue of bone grafting with IFN- $\gamma$ ; by promoting osteogenic capability and hampering excess bone resorption	07. Biochemistry and molecular biology
AE-009	20036	YOSHIMI Yuki	Department of Orthodontics, Applied Life Sciences, Hiroshima University, Institute of Biomedical & Health Sciences	Japan	Amelogenin variants increased the proliferation of HCEM through the MAPK-ERK signaling pathway	07. Biochemistry and molecular biology
AE-010	20044	NAM Kyung-Yen	Department of Orthodontics, KyungHee University	Republic of Korea	High-throughput transcriptome profiling in bone around orthodontic mini-implants by RNA-Seq analysis	07. Biochemistry and molecular biology
AE-011	20046	KUNIMATSU Ryo	Department of Orthodontics, Applied Life Sciences, Hiroshima University, Institute of Biomedical & Health Sciences	Japan	Effects of human full length amelogenin on the proliferation of human osteoblasts	07. Biochemistry and molecular biology
AE-012	20045	KUROSAKA Hiroshi	Department of Orthodontics and Dentofacial Orthopedics, Graduate School of Dentistry, Osaka University	Japan	The role of Rhd10 in choana and palate development	07. Biochemistry and molecular biology
AE-013	20020	DEGUCHI Toru	Division of Orthodontics, School of Dentistry, The Ohio State University	United States of America	Comparison of 3 different types of intraoral digital scanners	13. Diagnosis
AE-014	20004	ROISIN Louis-Charles	Cabinet d'orthodontie	France, Metropolitan	A NEW CONCEPT OF ORTHODONTIC MONITORING BASED ON SELF-MEASUREMENT AND MOBILE PHONE APPLICATION	14. Orthodontic appliances and treatment mechanics
AE-015	20040	TSAI Chi-Yang	Department of Orthodontics, Taipei Medical University	Taiwan	Using micro-osteoperforation and corticision for accelerating orthodontic tooth movement in rats	14. Orthodontic appliances and treatment mechanics

## List of Academic Exhibits

The 74th Annual Meeting of JOS

Presentation No.	Submission No.	Name of First Author	Author's Institution	Country	Title of Abstract	Category
AE-016	20042	LU Lin	Department of Orthodontics, KyungHee University	Republic of Korea	Effects of tooth-borne and bone-borne type rapid maxillary expansions; a cone-beam computed tomography study	14. Orthodontic appliances and treatment mechanics
AE-017	20043	NOH Min-Ki	Department of Orthodontics, Kyung Hee University	Republic of Korea	Effect of photobiomodulation by LED device on the rate of tooth movement during space closure	14. Orthodontic appliances and treatment mechanics
AE-018	20003	KIM Taegun	College of Medicine, The Catholic University of Korea	Republic of Korea	Effects of Alveolar Bone Displacement with Segmental Osteotomy using Micro-Computed Tomography and Histomorphometric Analysis	15. Surgical-orthodontic treatment
AE-019	20026	WANG YU-TZU	Department of Biomedical Engineering, National Yang-Ming University	Taiwan	Fabrication and application of a customized mini-screw surgical template using image superimposition and rapid prototyping	15. Surgical-orthodontic treatment
AE-020	20027	HSU PIN-HSIN	Department of Biomedical Engineering, National Yang-Ming University	Taiwan	Design and manufacturing of digital indirect bonding braces for orthodontic brackets	15. Surgical-orthodontic treatment
AE-021	20000	SEO Jihee	Department of Orthodontics, School of Dentistry, Seoul National University	Republic of Korea	Effect of secondary alveolar bone grafting on the maxillary growth: unilateral vs. bilateral CLP patients	21. Cleft lip and palate
AE-022	20035	SATO Yoshiaki	Department of Orthodontics, Division of Oral Functional Science, Graduate School of Dental Medicine, Hokkaido University	Japan	Do Silver-Russell syndrome and Beckwith-Wiedemann syndrome have opposite craniofacial morphology and occlusion?	22. Congenital anomaly
AE-023	20031	CHUNG Donghwa	Department of Orthodontics, School of Dentistry, Dankook University	Republic of Korea	How long does it take to finish a class III malocclusion?	24. Mandibular protrusion
AE-024	20022	KIM YONG-IL	Department of Orthodontics, Pusan National University Dental Hospital	Republic of Korea	Statistical shape analysis-based determination of 3D midsagittal plane for evaluation of facial asymmetry	29. Asymmetry
AE-025	20021	LIM WON HEE	Department of Orthodontics, School of Dentistry, Seoul National University	Republic of Korea	Changes in the gingival margin after intrusion of supraerupted molars	31. Others