



Thursday, 03 September 2026, 8:30 – 10:00

Room 1 - Luis de Freitas Branco

Oral Session 01 - Periodontal Research – Pathogenesis I

Chairpersons: M. Arce and W. Univ.-Prof. Dr. Dr. Grimm

SO001	8:30	Palmitic Acid Disrupts the Immunomodulatory Ability of Periodontal Ligament MSCs. H. QINAWI*, A. LORENZ, C. BEHM, O. ANDRUKHOV (University Clinic of Dentistry, Medical University of Vienna, Vienna, Austria)
O002	8:45	Lymph-Associated Matrix-Information-System and Oral-Derived Neural Crest-Derived Stems Cells. W. UNIV.-PROF. DR. DR. GRIMM*, J. CAND. MED. PHILIPPOU, L. CAND. MED. DENT. FUERSTBERGER, M. PROF. DR. VUKOVIC, S. PROF. DR. PHILIPPOU (Periodontology, University of Witten/Herdecke, Witten, NRW, Germany)
O003	9:00	Presence of a Lymph-Associated Matrix-Information-System (L-MIS). T. FRITSCH, DR. DR.*. L. CAND. MED. DENT. FUERSTBERGER, J. CAND. MED. PHILIPPOU, S. PROF. DR. PHILIPPOU, W. GRIMM, DR. DR., COLLABORATIVE AUTHORS OF THE NAMZAHNHEILKUND, BAYERISCH GMAIN, CENTER OF EXCELLENCE OF THE DGPARO, GERMANY (Research, Salzburg NAM Research Institute, Salzburg, Salzburg, Austria)
SO004	9:15	Salivary Periodontal Pathogens as Biomarkers for Periodontitis Using Hyperplex PCR. C. TITUSSON*, A. LUNDMARK, R.R. SOARES, A. DAMDIMOPOULOS, G. JOHANNSEN, U. NASEEM, T. YUCEL-LINDBERG (Department of Dental Medicine, Karolinska Institutet, Stockholm, Sweden)
SO005	9:30	Peri-Implantitis-Associated Bacteria Activate the STAT3 Pathway in Oral Epithelial Cells.. M. ARCE*, J. ESPINOZA-ARRUE, D. SANSORES-ESPAÑA, M. MORALES, M. SANZ, L. ABUSLEME, N. DUTZAN (Department of Conservative Dentistry, Faculty of Dentistry, University of Chile, Santiago, Chile)
SO006	9:45	Accuracy of Microbiological/Host-Response Biomarkers in Diagnosing Peri-Implant Bone Loss. J.D. GAMONAL*, M. ARCE, C. LIMA, L. VIRTO, D. BANACO, M. ROMANDINI, M. SANZ (ETEP Research Group, School of Dentistry, Complutense University of Madrid, Madrid, Spain)

Thursday, 03 September 2026, 8:30 – 10:00

Room 6 - Almada Negeiros

Oral Session 02 - Cariology Research – Clinical, Demineralization and Detection

Chairpersons: S. Doméjean and T. Mahjoubi

SO007	8:30	Detection of Molar Hypomineralization Among Children in Ontario, Canada. T. MAHJOUBI*, B. GANSS, J. OXNER, M. HUBBARD, M. CASAS, M. PEZESHKI, S. SINGHAL (Faculty of Dentistry, University of Toronto, Toronto, Ontario, Canada)
SO008	8:45	From Radiograph to Restoration: How AI Shapes Dental Students' Decisions. D. SEZEN-HULSMANS*, M. OTTEN, R. SONNEVELD, B. LOOMANS, M. CENCI (Department of Dentistry, Radboud university medical center, Nijmegen, Netherlands)
O009	9:00	GCPC 24-Hour Enamel Remineralization in Vitro. A. BITTAR*, E. ALKAN, F. CHEN, D. TAĞTEKIN (restorative dentistry, istinye university, Istanbul, İstanbul, Turkey)
SO010	9:15	Saliva Mediated Protection of Enamel Erosion: Profilometric Comparison of Agents. R. ALSHDAIFAT*, S. TAMANG, I.N. KANNAN, T. ANSAR, R. ALAMOUSH, M. AL-OMIRI, M. ROLDO, M. MUTAHAR (1School of Dental, Health and Care Professions, University of Portsmouth, Portsmouth, Hampshire, United Kingdom)
SO011	9:30	Artificial Intelligence Improves Interproximal Caries Detection Among Dental Students. C. LU*, X.-Q. SHI, S. LØVOLD, K. HELLÉN-HALME (Department of Clinical Dentistry, University of Bergen, Bergen, Norway)
O012	9:45	Caries Risk Assessment: Knowledge and Practices of Dentists in France. S. DOMÉJEAN*, V. SZONYI, S. LÉGER, B. PERRIER, P. ROUAS, M. LAURA, B. GROSGOGÉAT (Operative dentistry and endodontics, Université Clermont Auvergne, Centre de Recherche en Odontologie Clinique EA 4847, UFR d'Odontologie, Clermont-Ferrand, Puy-de-Dôme, France)



Thursday, 03 September 2026, 8:30 – 10:00

Oral Session , Room 13 - Amalia Rodrigues Room

Oral Session 03 - Orthodontics Research

Chairperson: M. Cadenas de Llano Perula

SO014	8:30	Root Resorption and Esthetic Outcome: Orthodontic Mesialization vs Tooth Autotransplantation. L. YU*, Z. ZHAO, G. MEO, A. DE CAT, C. VAN OUYTSEL, M. KOPPERT, J. WYATT, M. EZELDEEN, R. JACOBS, M. CADENAS (Oral Health Sciences, KU Leuven, Leuven, Belgium)
SO015	8:45	Interproximal Friction During Fixed Orthodontic Treatment: an Iterative Biomechanical Analysis. B. MAO*, Y. TIAN, Z. ZHAO, H. ZHOU, G. YAN, M. CADENAS (Department of Oral Health Sciences-Orthodontics, KU Leuven, Leuven, Belgium)
SO016	9:00	Premolar Identity Shapes Transcriptional Responses During Orthodontic Tooth Movement. Z. ZHAO*, C. ATTANASIO, M.S. PEDANO, M. CADENAS (Department of Oral Health Sciences, KU Leuven, Leuven, Belgium)
SO017	9:15	Predictors of Orthodontic Satisfaction: a Multivariable Analysis in Student Cohort. M.A. D'ANGELO*, V. CASALENA, M. CARDISCIANI, S. DI NICOLANTONIO, P. LIOUDAKI, E. ORTU, A. MONACO (Department of Life, Health & Environmental Sciences, University Of L'Aquila, L'Aquila, Italy)
SO018	9:30	GCF Outperforms Saliva for Multi-Omic Profiling of Orthodontic Root Resorption. W. FENG*, N. BOSTANCI, B. WOLD NILSEN, N. ZAYED, M. CADENAS DE LLANO PERULA (KU Leuven, Leuven, Belgium)
	9:45	Discussion.

Thursday, 03 September 2026, 8:30 – 10:00

Room 7 - Sophia De Mello Breyner

Oral Session 04 - Oral and Maxillofacial Surgery

Chairpersons: N. Armogida and M. Toledano-Osorio

SO019	8:30	Changes in Facial Asymmetry One Year After Orthognathic Surgery. E. NIKE*, O. RADZINS, V. VUOLLO, A. SLAIDINA, A. ABELTINS (Department of Orthodontics, Institute of Stomatology, Riga Stradins University, Riga, Riga, Latvia)
SO020	8:45	Tranexamic Acid for Prevention of Alveolar Osteitis: a Systematic Review. G. VOLOSEVIČIŪTĖ*, K.S. MOTIEJUNAITE, R. RASTENIENE (Institute of Dentistry, Faculty of Medicine, Vilnius University, Vilnius, Lithuania)
O021	9:00	Association Between Gonial Angle and Third Molar Impaction Patterns. N. GÜRSOY* (ORAL AND MAXILLOFACIAL RADIOLOGY, BAHCESEHIR UNIVERSITY, ISTANBUL, ISTANBUL, Turkey)
SO022	9:15	Phenotype-Guided Minimally Invasive Management of Temporomandibular Joint Degenerative Disease. R. SOUSA UVA*, M. DE PEDRO, A. CARRASCO UVA, G. DA SILVA, E. JANUZZI (Universidad Europea de Madrid, Madrid, Spain)
O023	9:30	Biochemical Effects of Micronutrients on Bone Metabolism in Bisphosphonate Rats. M. SAHIN ALTUNTAS*, H. KÜÇÜKKOLBASI (Oral and Maxillofacial Surgery, Selcuk University, Konya, Turkey)
SO024	9:45	Surgical Difficulty Influences hs-CRP and Postoperative Outcomes in Third Molar. M. DOĞRUL, G. GÜRSER, A. ÜNLÜ, İ.G. BEKTAŞ* (Faculty of Dentistry, Department of Oral and Maxillofacial Surgery, Selcuk University, Konya, Turkey)



Thursday, 03 September 2026, 8:30 – 10:00

Room 5 - Fernando Pessoa Room

Oral Session 05 - Charité Berlin Dedicated Session: Mineralized Interzones, Micro-CT and Adhesion

Chairpersons: C. Bidan and P. Koch

SO025	8:30	Dentin Chemical Aging/Sclerosis Near Fillings. O. MARUSHCHENKO*, F. LIZZI, H. SHEMES, H. ELFARAJ, L. BAUER, I. MANTOUVALOU, P. ZASLANSKY (Charité Universitätsmedizin Berlin, Berlin, Germany)
O026	8:45	Dental Calculus as a Bioinspiration for Adhesion. C. BIDAN*, A. HAMSHO, L. ZORZETTO, E. RAGUIN, E. SCOPPOLA, P. WERNER, J. KREMPELS, S. PARIS (Max Planck Institute of Colloids and Interfaces, Potsdam, Germany)
SO027	9:00	The Cemento-Dentine-Junction - an Extremely Durable Cyclically Loaded Interzone. M. CARSTENS*, A. KAMAL MAHGOUB ALI, A. BLOND, S. PARIS, C. FLECK (Dep. of Operative and Preventive Dentistry, Charité – Universitätsmedizin Berlin, Berlin, Berlin, Germany)
SO028	9:15	Comparative Analysis of 3D Root Canal Structures Using Micro-CT. J. LI*, K. BITTER, M. ALI AL, A. DUC NGUYEN, H. SHEMES, P. ZASLANSKY, S. ZACHOW (Zuse Institut Berlin (ZIB), Berlin, Germany)
O029	9:30	Debonding Dynamics of the Bracket-Enamel Interzone. P.J. KOCH*, A. STAUDE, G. DÜZGÜNER, A. FEDOROVA, J. DE GEER, R. SHAHAR, C. BIDAN, P. ZASLANSKY (Department of Prosthodontics, Geriatric Dentistry and Craniomandibular Disorders, CharitéCenter for Oral Health Sciences CC3, Charité – Universitätsmedizin Berlin, corporate member of Freie Universität Berlin and Humboldt-Universität zu Berlin, Berlin, Berlin, Germany)
O030	9:45	Adhesion and Composite Debonding Dynamics in Root Canal Fillings. C. FLECK*, P. ZASLANSKY, Y. MAO, K. BITTER (Chair of Materials Science & Engineering/Fachgebiet Werkstofftechnik, Technische Universität Berlin, Berlin, Germany)

Thursday, 03 September 2026, 8:30 – 10:00

Room 9 - Maria Helena Vieira da Silva Room

**YOUNG CED-IADR Workshop: Introduction to Language Models and Tools for Educational Tasks
(Supported by Colgate)**

Chairperson: A. Georgiou

O031	8:30	AI for Dental Education and Research: Which Tools Can We Trust?. M. DUCRET* (University of Lyon, Lyon, France)
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Thursday, 03 September 2026, 8:30 – 10:00

Poster Foyer

Poster Session 01 - Behavioral, Epidemiologic and Health Services Research

Chairperson: E. Zivko

SP001	Mandibular Trabecular Patterns Are Associated With Higher FRAX Risk. A. JOHANEN*, G. JONASSON, D. HANGE, M. HAKEBERG (Department of Behavioral and Community Dentistry, Institute of Odontology, The Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, Institute of odontology, Gothenburg, Sweden)
SP003	Fear of Dental Pain in Relation to Gender and age. P. ABRAHAMSSON*, U. WIDE, M. HAKEBERG (Department of Orofacial Pain and Jaw Function and Centre for Clinical Research, Region Värmland, Karlstad, Sweden)
P005	Anxiety and Preference for Thermal Pulp Sensitivity Testing in Adults. A. STRUKAN, M. BILIC-PRCIC, A. IVICA, A. GEORGIOU, I. SALINOVIC*, I. MILETIC, S. JUKIC KRMEK (Department of Endodontics and Restorative Dentistry, School of Dental Medicine, University of Zagreb, Zagreb, Croatia)



- SP007** Financial Risk Aversion as a Predictor of Preventive Dental Attendance. E. ZIVKO*, V. NEGOVETIC MANDIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- SP008** Occupational Stress and Periodontal Status Among Hospital Nursing Staff. S. O VARELA*, A. ARAUJO, A. ALVES, E. ROSETTI (Odontologia, Universidade Federal do Espírito Santo, Vitória, Espírito Santo, Brazil)
- SP009** Replacement of Endodontically Treated Teeth With Implants: a Retrospective Study. C. MONZON*, J. LORDAN, J. RODRÍGUEZ-MOLINERO, E. BAENA, N. ESCRIBANO, V. FUENTES (IDIBO Research Group, Faculty of Health Sciences, Rey Juan Carlos University, Alcorcón, Spain)

Poster Session 02 - Clinical Case Reports

Chairperson: E. Koskinen

- SP011** G6PD Deficiency Necessitates Alternative Therapy in Mucous Membrane Pemphigoid. S. ALFUQAHA, H. ALSHAWAREB*, A. TAPPUNI (Oral Medicine-QMUL, Institute of Dentistry, London, United Kingdom)
- SP012** Modified Gingivectomy With Pediculated Tissue Transposition: a Case Report. M.C. BILGIN*, A. YAZ, Y. BALABAN (Periodontology, Selcuk University Faculty of Dentistry, Konya, Turkey)
- SP013** Intentional Replantation in Young Permanent Molars. S. DURUKAN*, E. SARICAM, F. DOGANOGLU, K. TUTUNCULER (Endodontics, Ankara Yildirim Beyazit University, Ankara, Turkey)
- P014** Esthetic Rehabilitation of Patient With Malpositioned Implants in Atrophic Premaxilla. F. AYKENT*, B. KOÇ, K. SANCAK (Department of Prosthodontic, Ankara Yildirim Beyazit University Faculty of Dentistry, Ankara, --None--, Turkey)
- P015** Resin Infiltration Restores Cavitated Incisors in Pediatric Patients. B. AKMAN, S. CALISKAN* (Pediatric Dentistry, Eskisehir Osmangazi University, Eskisehir, Turkey)
- SP017** Chameleon Versus Layered Composites in Anterior Esthetics: a Clinical Case Series. B. KADHIMI*, A. BITTAR (Faculty Of Dentistry, Istinye University, Istanbul, Turkey)
- P020** Complex Dento-Alveolar Trauma in a 13-Year-Old Patient. M. COSAR*, S. KARAMAN, E. BALLIKAYA (Department of Pediatric Dentistry, Faculty of Dentistry, Hacettepe University, Ankara, Turkey)
- SP021** Individually Formed Fiber Post in Premolar Restoration: a Case Report. E. KOSKINEN*, E. PIHLAJAMÄKI, T. NÄRHI, P. VALLITTU, S. RIIVARI, J. BIJELIC-DONOVA, A.-M. LE BELL-RÖNNLÖF (Department of Prosthetic Dentistry and Stomatognathic Physiology, University of Turku, Turku, Finland)
- SP022** Management of a Late-Referred Extrusive Luxation Injury: a Case Report. N. CAYIROGLU*, M.S. COSAR, M.D. TURGUT (Pediatric Dentistry, Hacettepe University Faculty of Dentistry, Ankara, Turkey)
- P023** Multidisciplinary Esthetic Management of Orthodontic Substitution. A. SIMSEK*, Z. DERELI, O. INCI, M. YILDIRIM, M. YILDIZ, Z. TASTAN EROGLU (Restorative Dentistry, Necmettin Erbakan University, Konya, Turkey)

Poster Session 03 - Dental Materials: Polymer-based Materials

Chairperson: L. Giner

- SP024** Photoimmobilized Antifouling Coatings for Composite Resins: Prolonged Biofilm Inhibition in Vitro. H. CHOI*, S.-M. KWON, S.-Y. KIM (Seoul National University, Seoul, Korea (the Republic of))
- P025** Comparative Assessment of Tooth Replicas for in Vitro Cuspal Deflection. C.H. LEE*, Y.-J. YOO (Department of Conservative Dentistry, Seoul National University, Seoul, Korea (the Republic of))
- P026** PH Modulation and Ion Release of a New Cavity Liner. C. YAO, B. MERCELIS*, F. ZHANG, B. VAN MEERBEEK (Department of Oral Health Sciences, BIOMAT, KU Leuven, Leuven, Belgium)
- P027** Stimulant Beverages Compromise the Color Stability of Universal Resin Composites. J. COSTA*, M. JACQUIN, L. PROENÇA, A. PINTO, I. FERNANDES, A. AZUL (Egas Moniz School of Health & Science, Lisboa, Portugal)
- P028** Polishing of Nano-Fill Versus Supra-Nano Light-Cured Restorative Dental Composites. B. SHUKLA, T. DUNBAR, S. VASUDEVAN, S. ZARY, E. CABRERA* (Dental Solutions, Solventum, Minneapolis, Minnesota, United States Minor Outlying Islands)
- P030** Impact of Injection Technique Within a Novel Composite Matrix. E. SHIH*, J. LUCIO VEGA, J. DINGELDEIN, C. ARTHUR, G. HUGHES, T. DUNBAR, J. HANSEN (Solventum, Eagan, Minnesota, USA)
- P031** Comparison of Properties Between Experimental and Commercial Short Fibre Composites.. R. PRINSSI*, E. SÄILYNÖJA, S. GAROUSHI, L. LASSILA, P. VALLITTU, WORKING FOR STICK TECH LTD (Stick Tech, GC, Kaarina, Finland)



- SP032** Does Acidic Aging and Coffee Effect the Bulk-Fill Resin Composites?. C. DAĞDELEN AHISHA*, S. AKGÜL, G. ÇAKMAK UYSAL (Gazi University, Ankara, Ankara, Turkey)
- SP033** Physical/Mechanical Properties of Glass Ionomer Cement Containing Biounion Fillers. N. LEENUTAPHONG*, P. PANPISUT (Faculty of dentistry, Thammasat university, Bangkok, Thailand)
- P034** Polymerization Behavior of Simplified-Shade Resin Composites Under Different Light-Curing Protocols. Z. TARLE*, D. MAROVIC, M. PAR (University of Zagreb School of Dental Medicine, Zagreb, Croatia)

Poster Session 04 - Dental Materials: Color and Appearance (Esthetics)

Chairperson: S. Panteqi

- P035** Protocol Time Using Resin Infiltrants: a Scoping Review. I. CABELLO*, L. SIMM GOBO, L. CASARIN BONATO, L.F. RONDÓN, L. RIGO, O.E. PECHO (University of Granada, Granada, Spain)
- SP037** Effect of CPP-ACP Timing on Bleaching Efficacy and Color Stability. A. TUNAC, T. AYAZ* (Restorative Dentistry, University of Health Sciences Hamidiye Faculty of Dentistry, Istanbul, Turkey)
- P038** Clinical Performance of Prefabricated Composite Veneers. a Prospective Study.. S. PANTEQI*, N. SARACI, E. ALIKAJ (Department of Dentistry, Aldent University, Tirana, Albania)
- P039** Optimizing at-Home Bleaching Time Using 22% Carbamide Peroxide: a Randomized Clinical Trial. M. FAVORETO*, T. CARNEIRO, G. MANSUR, T. DE PARIS MATOS, L. CEBALLOS, E. MAYER-SANTOS, A. LOGUERCIO, A. REIS (University of São Paulo, São Paulo, Brazil)
- P040** Evaluation of Enamel Demineralization of Hydrogen Peroxide-Free Bleaching Agents. D. DIONYSOPOULOS*, P. HELVERSTEIJN, P. MOUROUZIS, K. TOLIDIS (Department of Operative Dentistry, Aristotle University of Thessaloniki, Thessaloniki, Greece)
- SP041** Color Stability of Single-Shade and Universal Composites Against Sclerotic Dentine. T. SMILJANIĆ*, E. MANDIĆ, M. KELIĆ, M. PAR, D. MAROVIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)

Poster Session 05 - Diagnostic Sciences

Chairperson: E. Aslan

- SP042** Intraoral Scanner Plaque Detection Influenced by Training and Disclosure. K. TZIMAS*, P.E. NØRRISGAARD, M. GONCHARUK-KHOMYN, C. RAHIOTIS (Operative Dentistry, National and Kapodistrian University of Athens, Athens, Greece)
- SP045** Clinical Validation of Explainable AI in Dental Imaging. Y. LOW, J. OU*, Z.Z. SINT, N. YU, K. ELANGO VAN, E. TAN (National Dental Centre Singapore, Singapore, Singapore)
- SP049** Detecting Apical Lesions in Panoramic Radiographs – Impact of Image Quality. L. HASSELGREN*, K. NYMOEN, M. JONSSON, X.-Q. SHI, K.H. JENSEN, E. BERGGREEN (Oral Health Centre of Expertise in Western Norway, Bergen, Norway)
- P050** Comparison of 2D and 3D Imaging Features in MRONJ Severity. E. ASLAN*, E. ONEM, A. MERT, B.G. BAKSI (Department of Oral and Maxillofacial Radiology, Izmir Tinaztepe University, Izmir, Turkey)

Poster Session 06 - Digital Dentistry Research Network

Chairperson: S. Sabnis

- SP053** Extended Reality as a Roadmap for Endodontic Treatment. T. KASUGA* (KASUGA Dental Clinic, Saitama, Japan)
- P054** Influence of Scanbody Design on the Accuracy of Digital Impressions. S. MARQUES*, P. RIBEIRO, A. VIEIRA, G. CAMELO, J. RUA, J.J. MENDES (Oral Rehabilitation, Egas Moniz School of Health & Science, Almada, Portugal)
- SP055** Photogrammetry on Full-Arch Implant Rehabilitation: a Systematic Review. M. BAPTISTA PEREIRA*, S. MARQUES, P. RIBEIRO, J. RUA, J.J. MENDES (Egas Moniz School of Health and Science, Almada, Portugal)
- SP057** Immediate Loading With TruAbutment Digital Workflow: a Case Series. A. DEMIR CANBULUT*, T. HAMZA PARS (Department of Prosthodontics, Gazi University, Faculty of Dentistry, Ankara, Ankara, Turkey)
- SP058** Generalization of an Artificial Intelligence Platform for Tomographic Segmentation Images. D. FARDIM DA SILVA*, I. TORRES DE ALMEIDA, S.C. ANDRADE, G. CUNHA ADVERCI, S. LINZ VAZ, R. CAVALCANTE FONTENELLI, D. NASCIMENTO SILVA (Dental Sciences Graduate Program, Federal University of Espírito Santo, Vitória, ES, Brazil)
- P059** Real-World Data: OralData Software and ReCOL Network in Canal Sealer Evaluation. S. DAHAN*, C. COUVRECHEL, N. JANISSET, E. JULITA, A. LE VERGE, B. GROSGOGEAT, RECOL CLINICAL RESEARCH NETWORK (OralData, Paris, France)



P060 ChatGPT Uncertainty Proxies: Sample Consistency Outperforms Confidence in Dental Contexts. S. SABNIS*, N. MITRA (Private dental practice, Mumbai, Maharashtra, India)

Poster Session 07 - Oral and Maxillofacial Surgery

Chairpersons: U. Garagiola and B. Wisniewska

P061 AI-Assisted Prediction of Mandibular Third Molar Extraction Difficulty in Pregnant Patients. B. WISNIEWSKA*, K. PIEKARSKI, S. SPYCHALA, M. WYGANOWSKA (Poznan University of Medical Sciences, Poznan, Poland)

P062 Bone Tissue Engineering for Alveolar Ridge Preservation and Augmentation. U. GARAGIOLA*, G. SZABO, S.-G. KIM (Department of Biomedical, Surgical and Dental Sciences, School of Dentistry, University of Milan, Milan, Italy)

SP064 Hospitalization After Electric Scooter Maxillofacial Trauma: Alcohol and Injury Severity. G. MALIJKAUSKAITE*, A. PURIENE (Institute of Dentistry, Vilnius University, Vilnius, Lithuania)

P066 Impact of Single-Dose Dexamethasone and Local Anesthesia on Postoperative Analgesic. E. TAŞKIN*, F. ARUN, H. KUCUKKOLBASI (Oral and Maxillofacial Surgery, Selçuk University, Konya, Turkey)

SP067 Extracellular Vesicles as Therapy for Antiresorptive-Exposed Fibroblasts. I. SOUZA*, H. DERÓBIO, F. BASSO, C. DE SOUZA COSTA, T. NOGUEIRA PANSANI (Department of Dental Materials and Prosthodontics, São Paulo State University (UNESP), School of Dentistry, Araraquara, Araraquara, São Paulo, Brazil)

Poster Session 08 - Oral Health Research

Chairpersons: A. Meto and I. Sutej

SP314 Quaternary Ammonium Disinfection of PSP Plates: Antimicrobial and Radiographic Effects. P.H. PEREIRA DA SILVA COSTA*, D. RUIZ, M.D.M. MOREIRA, A.J. LIMA, S. TAVARES, T.C. PEREIRA, D. FREITAS, S. DE-AZEVEDO-VAZ (Federal University of Espírito Santo, Vitória, Espírito Santo, Brazil)

P068 Long-Term Preventive Dental Care in General Practice: a Multicenter Real-World Cohort Study. Y. AKAMATSU*, A. KIMURA, D. IMAHAYASHI, T. SUITA, N. YAMANE (Akamatsu Dental Clinic, Kobe, Hyogo, Japan)

SP069 Antibiotic Prescribing Knowledge, Attitude and Practice Among Dentists in South Africa. S. AHMED*, R.Z. ADAM, R. AHMED, R. COETZEE (University of the Western Cape, Cape Town, South Africa)

SP070 Periapical Status of Root-Canal-Filled Teeth in Jönköping, Sweden. N. SAVOLAINEN*, T. KVIST, H. FRANSSON, F. FRISK (Department of Endodontology, Institute for Postgraduate Dental Education, Jönköping, Sweden)

P071 Effect of Green Tea-Added Tablets on VSC After 45 and 60 Minutes. P.F. PORCIANI*, S. GRANDINI (MEDICAL BIOTECHNOLOGIES, UNIVERSITY OF SIENA, Siena, Italy)

P072 Effect of Sodium Stearate on Stain Prevention and Removal From Hydroxyapatite. A. MARINI*, A. SARRICA, N. KIRIKA, P.F. PORCIANI (Perfetti Van Melle, Lainate, Italy)

P073 Evaluating Propolis Penetration Into Dentinal Tubules: a SEM Study. A. METO, A. METO*, D. KUME, D. KOPANI, M. TEPEDINO (Department of Dentistry, Faculty of Dental Sciences, Aldent University, Tirana, Albania)

SP074 What Does the Population and Dentists Think About Oral Probiotics?. W. VAN HOLM, J. CHUN*, M.-E. STAES, L. WALRAEVENS, S. BECKERS, J. DE ALMEIDA MELLO, K. TEUGHEL, J. DUYCK, W. TEUGHEL (Oral Health Sciences, KU Leuven, Leuven, Belgium)

P075 Clinical Study Evaluating Anti-Plaque, Anti-Gingivitis Efficacy of Toothpaste and Mouthwash. A. AXE*, J. QIU, J. MILLEMAN, K. MILLEMAN, A. LOMAX, A. ORELLANA, A. MOHAMMED (Haleon, London, United Kingdom)

SP076 Antimicrobial Resistance in Head and Neck Osteomyelitis: a Systematic Review. L. BEENA PRESANNEN*, H. HAMZA ONAY, N. SEOUDI (COLLEGE OF MEDICINE AND DENTISTRY, Birmingham, West Midlands, United Kingdom)

P077 The Hidden Prescriber: Antibiotic Use for Dental Diagnoses by General Medical Practitioners. I. SUTEJ*, K. BAŠIĆ, K. PEROŠ, M. RADIĆ VULETA (Pharmacology, School of dental medicine University in Zagreb, Zagreb, Croatia)

SP078 Can Topical Antibiotics Treat Jaw Osteomyelitis? a Systematic Review.. P. EDAMANI DURAIBABU*, M. NEIHOUM, N. SEOUDI (College of Medicine and Dentistry, Outreach centre of Ulster University, Birmingham, United Kingdom)

P079 Comparative Analysis of MediXpar and Radiomics for Taurodontism. T. TASDEMİR, S. UZUN*, M. TASSOKER BULUT, S. SATIR, T. FELEK (Dentomaxillofacial Radiology, Bilecik Seyh Edebali University, Faculty of Dentistry, Bilecik, BİLECİK, Turkey)

SP232 Structured PICO Representations for Unsupervised Full-Text Screening: a Proof-of-Concept Study. B. KAUER*, R. TORRES, I. PEDRINACI, M.A. MOTTA (Universidad Complutense de Madrid, Madrid, Spain)



Poster Session 09 - Periodontal Research: Diagnosis/Epidemiology

Chairpersons: S. Domnori and A. Magán-Fernández

- SP080** Maternal Periodontal Status, Feeding Practices and Infant Fecal Calprotectin: a Pilot Longitudinal Study. L. GANÇO, I. RODRIGUES*, L. BESSA, S. REGALO, J. BOTELHO, M. VALENTE PINTO, L. PROENÇA, E. ANDRADE, V. MACHADO (Egas Moniz Center for Interdisciplinary Research (CiEM); Egas Moniz School of Health & Science, Almada, Portugal)
- P081** Chronic Jet Lag Modulates Periodontal Immune Homeostasis Without Tissue Destruction. K. KANAYAMA* (University of Shizuoka, Shizuoka, Japan)
- SP082** BMI Modifies the Associations Between Salivary Biomarkers and Systemic Inflammation. K. AARNISALO*, K. KOPONEN, O. KAMBUR, M. MANZOOR, P. JOUSILAHTI, S. MÄNNISTÖ, E. KÖNÖNEN, U. GÜRSOY, V. SALOMAA, A. HAVULINNA, A. SALMINEN, P. PUSSINEN (Oral and Maxillofacial Diseases, University of Helsinki and Helsinki University Hospital, Helsinki, Finland)
- SP083** Sex Outweighs Traditional Periodontal Grade Modifiers: a Nationwide Multilevel Analysis. M. CARDISCIANI*, M.A. D'ANGELO, S. DI NICOLANTONIO, A. MICONI, E. MILLESOLI, A. MONACO, E. ORTU, D. PIETROPAOLI (Department of Life, Health & Environmental Sciences, University of L'Aquila, L'Aquila, Italy)
- SP084** Long-Term Outcomes of Dental Implants: a Retrospective Analysis. H. YILMAZ, E. BALTACIOGLU, B.Z. KITER* (Periodontology, KARADENIZ TECHNICAL UNIVERSITY DENTISTRY FACULTY, TRABZON, Turkey)
- SP085** Association Between Bacterial Biomarkers and Periodontitis Stage and Grade. E. VARMANEN*, E. KOPRA, S. PAJU, K. BUHLIN, E. SALASUO, J. SINISALO, P. MÄNTYLÄ, P. PUSSINEN, A. SALMINEN (Department of Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland, University of Helsinki, Helsinki, Finland)
- SP087** Bayesian Meta-Analysis Shows Diagnostic Performance of Salivary Microbiome for Periodontitis. A. SÁNCHEZ BARCO*, B. SUÁREZ RODRÍGUEZ, T. BLANCO PINTOS, N. PADRÓN GONZÁLEZ, C. BALSACASTRO, I. TOMÁS (Department of Surgery and Medical-Surgical Specialties, School of Medicine and Dentistry, Universidade de Santiago de Compostela, Health Research Institute of Santiago (IDIS), Oral Sciences Research Group, Special Needs Unit, Santiago de Compostela, Spain)
- P088** Inflammatory Bowel Disease Is Independently Associated With Periodontitis. P. HERRERA-RUIZ, S. BENITO-PALMA, P. MARTINEZ-TIRADO, B. ZÚÑIGA DE MORA-FIGUEROA, I. CABELLO, J. GARCIA-VERDEJO, R. FERNANDEZ, F. MESA, A. MAGÁN-FERNÁNDEZ* (Stomatology, University of Granada, Granada, Granada, Spain)
- SP089** Maternal Gingival Inflammation Linked to Neonatal Risk in Gestational Diabetes. O. ÖZ, S. DOMNORI*, O. KAYA SIMSEK, F. YALCIN, G. ISIK, U. BASER (Faculty of Dentistry, Department of Periodontology, Istanbul University, Istanbul, Turkey)
- P090** Population Scale Shotgun Metagenomics Reveals Stability of the Adult Oral Microbiome. P. PUSSINEN*, O. KAMBUR, K. KOPONEN, U. GÜRSOY, V. SALOMAA, P. JOUSILAHTI, S. MÄNNISTÖ, E. KÖNÖNEN, H. VIJAKAINEN, A. HAVULINNA, A. SALMINEN, M. MANZOOR (University of Eastern Finland, Kuopio, Finland)
- SP091** Long-Term Clinical and OHIP-14 Outcomes of Peri-Implant Plastic Surgery: Retrospective. E. ERGUN, E. BALTACIOGLU, S.G.N. KARTAL* (Periodontology, Karadeniz Technical University Faculty of Dentistry, Trabzon, Turkey)
- P307** Implant Macrogeometry in Immediate Placement: Bridging Biomechanical Evidence and Clinical Outcomes. R. JIMÉNEZ HERNÁNDEZ* (Prosthodontics, Catholic University of Murcia (UCAM), Murcia, Murcia, Spain)

Poster Session 10 - International Network for Orofacial Pain and Related Disorders Methodology

Chairpersons: A. Almeida and J. Feltrin-Souza

- SP092** Cannabinoids Gene Polymorphism in Painful Temporomandibular Disorders. M. ZLENDIC*, E. VRBANOVIC DJURICIC, M. TOMLIJANOVIC, K. GALL TROSELJ, L. PARADI, K. VUKOVIC DJERFI, I. ALAJBEG (Department of Removable Prosthodontics, University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- P093** Masseter Muscle VAS Pain Reduction With ETSP; a Pilot Study. A. ALMEIDA*, B. IMAGINARIO, A. MANSO (Egas Moniz Center for Interdisciplinary Research (CiEM), Egas Moniz School of Health and Science, Lisboa, Lisboa, Portugal)
- SP094** Risk Factors for Temporomandibular Joint Disorders in Patients With Epilepsy. A. VASS*, K. KÁROLYHÁZY, K. MÁRTON (Department of Preclinical Dentistry, Semmelweis University, Budapest, Hungary)
- SP095** Behavioral, Functional and Mechanical Relationships in TMD Among Dental Students. E. FILIZ*, N. YILMAZ, K. KOYOGLU (Oral and Maxillofacial Surgery, Izmir Katip Celebi University, Izmir, Izmir, Turkey)



- P096** Structural Parity, Clinical Disparity: CSL and Sex in TMD. P. LEOS*, A. THORNTON, H. PEACH, R. MAIJER, M. GOAD (Private practice, Victoria, British Columbia, Canada)
- SP097** Longitudinal Associations Between Stress, Sleep Bruxism and Orofacial Pain. R. HANDERMANN*, J. TESARZ, P. RAMMELSBERG, C. HERPEL, B. OHLMANN, A. ZENTHÖFER (Department of Prosthodontics, Heidelberg University Hospital, Heidelberg, Baden-Württemberg, Germany)
- P098** Lavandula Angustifolia Oil Reduces Pain in Children With Temporomandibular Disorders. J. FELTRIN-SOUSA*, V. TESSARI, V. LEJEUNE, B. SEGANFREDO, A. CORELHANO, J. CHICHORRO, P. SYDNEY (Stomatology, Federal University of Paraná, Curitiba, Brazil)
- SP099** Histomorphology Reveals Hidden TMJ Osteoarthritis in Older Adults. W. ASTUDILLO, I. VALDIVIA-GANDUR, V. TALLÓN-WALTON, M.-C. MANZANARES-CÉSPEDES* (Pathology and Experimental Therapy, University of Barcelona, Barcelona, Barcelona, Spain)

Thursday, 03 September 2026, 9:00 – 18:00

Room 8 - Glicínia Quartín

38th Research Grant DACH Competition for Early Career Researchers in the Field of Dentistry

(Organised by the German Society for Dental, Oral, and Maxillofacial Medicine e.V.)

Competition participation is by invitation only

Thursday, 03 September 2026, 10:00 – 10:30

Coffee Break, Exhibition Area

Thursday, 03 September 2026, 10:30 - 12:30

Room 6 - Almada Negeiros

Symposium: Oral and Systemic Health - A Call to Action (Supported by P&G)

Chairperson: A. Sculean

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| O032 | 10:30 | Perio Causes Everything? the Cardiologist's View. J.R. GONZALEZ JUANATEY* (University of Santiago de Compostella, Santiago de Compostella, Spain) |
| O033 | 11:05 | The Perio Perspective: Prevention and Treatment of Gingival Inflammation. M. KEBSCHULL* (University of Birmingham, Birmingham, United Kingdom) |
| O034 | 11:40 | Taking This Further - the Public Health View. G. REDERIENE* (European Association of Dental Public Health, Marburg, Germany) |
| | 12:15 | Discussion |



Thursday, 03 September 2026, 10:30 - 12:30

Room 7 - Sophia De Mello Breyner

**Symposium: Tooth Microcracks: Advancing Diagnostics Through Multi-Spectral Volumetric Imaging
(Supported by NOF)**

Chairperson: I. Dumbryte

O035	10:30	High-Resolution 3D X-Ray Imaging for Next-Generation Dental Research and Diagnostics. A. VAILIONIS* (Department of Physics, Kaunas University of Technology, Stanford Nano Shared Facilities, Stanford University, California, California, USA)
O036	11:05	Towards a High-Resolution 3D Tooth Atlas: Technical Foundations. D. NARBUTIS* (Institute of Theoretical Physics and Astronomy, Faculty of Physics, Vilnius University, Vilnius, Lithuania)
O037	11:40	Tooth Microcracks in 3D: Linking Novel Imaging to Clinical Insights. I. DUMBRYTE* (Institute of Dentistry, Faculty of Medicine, Vilnius University, Vilnius, Lithuania)
	12:15	Discussion

Thursday, 03 September 2026, 10:30 – 12:30

Room 1 - Luis de Freitas Branco

Oral Session 06 - Dental Materials: Polymer-based Materials

Chairpersons: L. Etienneot and E. Shan

SO038	10:30	Pyrolysis GC-MS Reveals Polymer and Additive Composition of Dental Thermoplastics. Q. LI*, M. TURKALJ, W. SUN, L. TRULLEMANS, B. VAN MEERBEEK, J. VANOIRBEEK, B. SELS, K. VAN LANDUYT (Oral health sciences, BIOMAT & UZ Leuven, KU Leuven, Leuven, Belgium)
SO039	10:45	Enhanced Osteogenesis of Bioactive-Glass-Coated, Epsilon-Poly-L-Lysine-Loaded, Polycaprolactone Scaffolds for Bone Regeneration. E. SHAN*, L. FENG, E. FIGUERO, M. SANZ, M. TONETTI, J. WANG (Shanghai Perio-Implant Innovation Center, Department of Oral Implantology, Shanghai Ninth People Hospital, College of Stomatology, Shanghai Jiao Tong University, Shanghai, Shanghai, China)
O040	11:00	Bio-Based Antioxidants as Promising Alternatives to BHT in Dental Composites. L. ETIENNOT*, L. TRULLEMANS, F. ZHANG, B. SELS, K. VAN LANDUYT, B. VAN MEERBEEK (Department of Oral Health Sciences, KU Leuven, Leuven, Belgium)
SO041	11:15	Influence of Printing Orientation and Surface Treatment on Optical Properties. S. WENG*, Z. MAO, I. TOPOLNIAK, A. TURKSAYAR, J. YASSINE, F. BEUER, F. SCHMIDT (Department of Prosthodontics, Geriatric Dentistry and Craniomandibular Disorders, Charité-Universitätsmedizin Berlin, Berlin, Germany)
SO040	11:30	In Vitro Bisphenol-a Evaluation From Resin-Based Dental Restorative Materials. A. ALIBERTI*, M. PISCOPO, R. GASPARRO, F. GARCIA-GODOY, P. AUSIELLO (Department of Neuroscience, Reproductive Science and Dentistry, University of Naples Federico II, Naples, Italy)
O043	11:45	Microhardness, Monomer Elution, and Embryotoxicity of Zinc-Doped Bioactive Glass Composites. D. MAROVIC*, L. RATKOVSKI PIVAC, O. MALEV, S. BABIĆ BRČIĆ, Z. TARLE, H. HAUGEN, M. LI, A. BOCCACCINI, M. PAR (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
O044	12:00	Moisture Retention Governs Thermal Stability of Aligner Polymers. L. ŠIMUNOVIĆ*, L. BRENKO, A.M. MILIČEVIĆ, T. HARAMINA, S. MEŠTROVIĆ (Department of Orthodontics, School of Dental Medicine University of Zagreb, Zagreb, Croatia)
SO045	12:15	Evaluation of Fatigue Behavior of 3D-Printed Composites by Printing Orientation. T. MALGAJ*, J. VONČA, E. PRAUSE, F. SCHMIDT, A. KOCJAN, F. BEUER, P. JEVNIKAR (Department for Prosthodontics, Medical Faculty Ljubljana, Ljubljana, Slovenia)



Thursday, 03 September 2026, 10:30 – 12:30

Room 5 - Fernando Pessoa Room

Oral Session 07 - Prosthodontics: Restorative Materials and Workflows I

Chairpersons: T. Pinheiro de Melo and A. Villias

SO048	10:30	Preparation Design and Adhesive Technique on Fracture Strength of Inlays. N. TAMTEKIN*, B. KOÇ, F. AYKENT (Department of Prosthodontics, Ankara Yildirim Beyazit University Faculty of Dentistry, Ankara, Turkey)
SO049	10:45	Marginal and Internal Adaptation of Inlays With Different Cavity Depths. B. KOÇ, F. AYKENT, K. ORHAN, N. DEMİR* (Department of Prosthodontics, Ankara Yildirim Beyazit University Faculty of Dentistry, Ankara, Turkey)
O050	11:00	Longitudinal Micro-CT Analysis of Cemented CAD/CAM Crowns After Thermomechanical Aging. J. RECHLIN*, L. SCHMIDT, M. VON STEIN-LAUSNITZ, F. SCHMIDT, N. HENNING, T. LORENZ, T. HORBRÜGGER, C. FLECK, A. SONI, A. KUPSCH, P. ZASLANSKY, F. BEUER (Department of Prosthodontics, Geriatric Dentistry and Craniomandibular Disorders, Charité-Universitätsmedizin Berlin, Berlin, Germany)
O052	11:15	Effect of Basal Surface Design on Shape Accuracy of 3D-Printed Zirconia Teeth. H. KOBAYASHI*, S. RUES, M. IUCHI, S. HETZLER, P. RAMMELSBERG, A. TASAKA (Department of removable partial prosthodontics, Tokyo Dental College, Tokyo, Japan)
O053	11:30	Conventional and Extended-Pour Alginate's Dimensional Stability Compared at Different Intervals. A. VILLIAS*, V. KORDOULI, N. GIANNAKOPOULOS, N. POLYCHRONAKIS, A. MIKELI (Prosthodontics, National and Kapodistrian University of Athens, Athens, Greece)
	11:45	Discussion

Thursday, 03 September 2026, 10:30 – 12:30

Room 13 - Amalia Rodrigues Room

Oral Session 08 - Oral Medicine, Salivary Research and Orofacial Pain I

Chairpersons: R. Antonelli and D. ARIWANSKA

SO054	10:30	Chronic Stress Disrupts Complement and p53 Pathways in Oral Aging. D. ARIWANSKA*, K. YOSHIDA, Y. ABIKO (ORAL MEDICINE AND PATHOLOGY, Health Sciences University of Hokkaido, Tobetsu, Hokkaido, Japan)
SO055	10:45	Pre-Transplant Oral Foci and Neutropenia Duration After Haematopoietic Cell Transplantation. L. VAN GENNIP*, R. THOMAS, S. VAN LEEUWEN, N. BLJULEVENS, M.-C. HUYSMANS (Dentistry, Radboud university medical center, Nijmegen, Netherlands)
SO056	11:00	Topical Oral Lichen Planus Treatment Modulates MicroRNAs Linked With Malignancy. A. ANGJELOVA*, A. POLIZZI, E. JOVANOVA, G. ISOLA (Faculty of Dentistry, Ss. Cyril and Methodius University, University Dental Clinical Center St. Pantelejmon, Skopje, Macedonia (the former Yugoslav Republic of))
O057	11:15	Oral Lichen Planus and Aphthous Stomatitis: EBV and HHV-7 Markers. J. KAKAR*, L. SOKOLOVSKA, M. ZOLOVS, M. MUROVSKA, I. CEMA (Centre of Oral Medicine, Institute of Stomatology, Riga Stradins University, Riga, Latvia)
SO058	11:30	Applicability of Brief Diagnostic Criteria for TMD in Population-Based Study. T. LOHILAHTI*, L. NYKÄNEN, V. VUOLLO, N. RITVA, K. SIPIÄ (Research Unit of Population Health, Faculty of Medicine, University of Oulu, Oulu, Finland)
SO059	11:45	Painful Temporomandibular Disorders and Chronic Overlapping Pain Conditions: NAKO Study. C. HERPEL*, H. BECHER, R. HANDERMANN, [COLLABORATORS], P. RAMMELSBERG, J. TESARZ, A. ZENTHÖFER (Prosthodontics, Heidelberg University, Heidelberg, Germany)
SO060	12:00	Oral Microbiome-Based Machine Learning Enables Noninvasive Oral Cancer Detection. Á. MORGADE CARNEIRO*, A. PÉREZ JARDÓN, A. SÁNCHEZ BARCO, T. BLANCO PINTOS, C. BALSACASTRO, M. QUEVEDO BISONNI, I. TOMÁS, ORAL MEDICINE AND PATHOLOGY (Oral Sciences Research Group, Special Needs Unit, Department of Surgery and Medical-Surgical Specialties, School of Medicine and Dentistry, Universidade de Santiago de Compostela, Health Research Institute of Santiago (IDIS), Santiago de Compostela, A Coruña, Spain)



SO061	12:15	Salivary and Tissue Metabolic Profile From Oral Healthy Mucosa to Squamous Cell Carcinoma. R. ANTONELLI*, G. SETTI, T. PERTINHEZ, M. GALLO, A. MUCCI, V. RIGHI, C. MAGNONI, P. VESCOVI, M. MELETI (Centro Universitario di Odontoiatria, Department of Medicine and Surgery, University of Parma, Parma, Italy)
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Thursday, 03 September 2026, 10:30 - 12:30

Room 9 - Maria Helena Vieira da Silva Room

Oral Session 09 - Education Research and Student Training I

Chairpersons: C. Peskersoy and C. Salerno

		Vital Tooth Whitening – Knowledge and Opinions of French Dental Students. L. MARREL*, A. CLÉMENT, M.-F. BERTRAND, V. CHEVALIER, L. RAPP, M.-
SO064	10:30	A. GASQUI, A. GAUDIN, R. JACQ, Y. JOSSET, O. KÉROURÉDAN, C. MOUSSA, E. MORTIER, N. NATO-CLÉMENT, V. PILLIOL, F. REITZER, L. ROBBERECHT, A. SLIMANI, M. ZANINI, J. LE CLERC, S. DOMÉJEAN (restorative dentistry and endodontics, UFR d'Odontologie, Clermont-Ferrand, France)
O065	10:45	Ethical Views on AI, Robotics and Extended Reality Among First-Year Dental Students. A. KIRKOVA-BOGDANOVA*, N. MANCHOROVA (Department of Medical Informatics, Biostatistics and E-learning, Faculty of Public Health, Medical University of Plovdiv, Plovdiv, Bulgaria)
O066	11:00	From Rigid to Realism: Dynamic Mucosal Mask for Edentulous Simulation. A. WAGNER*, R. LUTHARDT, S. BLENDER (Center of Dentistry, Department of Prosthetic Dentistry, Ulm University Hospital, Ulm, Germany)
O067	11:15	Evaluation of Information Quality and Literature Consistency of Various Chatbots in Aesthetic Dentistry. D. GÜRSEL SÜRMELIOĞLU* (Restorative Dentistry, Gaziantep University, Gaziantep, Turkey, Turkey)
SO068	11:30	Knowledge and Clinical Approaches of Dental Students to Restorative Treatments. S. KAYA*, A. GÜNGÖR BORSÖKEN (Gaziantep University, Gaziantep, Turkey)
SO069	11:45	Determinants of Perceived Emergency Preparedness Among Dental Students. P. VAINIUS*, K.S. MOTIEJUNAITE, V. BRUKIENE, A. PURIENE (Institute of Dentistry, Vilnius University, Vilnius, Lithuania)
	12:00	Discussion

Thursday, 03 September 2026, 12:30 – 13:30

Lunch, Exhibition Area

Thursday, 03 September 2026, 12:30 - 13:30

Room 5 - Fernando Pessoa Room

NOF General Assembly - For NOF members upon invitation only

Thursday, 03 September 2026, 12:30 - 13:30

Room 3 - Jorge de Sena Room



Thursday, 03 September 2026, 13:30 - 15:30

Room 7 - Sophia De Mello Breyner

Symposium: Shaping the Future of Endodontics: Augmented Reality, Artificial Intelligence, and Regenerative Strategies (Supported by Goldentalent)

Chairperson: M. Pedano

O070	13:30	Augmented Reality Integration in Digital Minimal Invasive Endodontics. Z. HUANG* (Department of Endodontics, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China)
O071	14:05	The Application of Artificial Intelligence in Endodontics. X. LI* (Division of Restorative Dental Sciences, Faculty of Dentistry, The University of Hong Kong, Hong Kong, China)
O072	14:40	Emerging Photosynthetic Hydrogel Technology in Dental Pulp Regeneration. C. ZHANG* (Division of Restorative Dental Sciences, Faculty of Dentistry, The University of Hong Kong, Hong Kong, China)
	15:15	Discussion

Thursday, 03 September 2026, 13:30 - 14:30

Room 6 - Almada Negeiros

Keynote Lecture: Complex Direct Restorations, What are the Limits? (Supported by Dentsply)

O073	13:30	Complex Direct Restorations: What Are the Limits?. O. BAILEY* (Newcastle University, Newcastle, United Kingdom)
		Discussion

Thursday, 03 September 2026, 14:30 - 15:30

Keynote Lecture, Room 6 - Almada Negeiros

Keynote Lecture: Can Collagenated Xenogenic Bone Substitutes Enhance Crosstalk Between Gingival and Mesenchymal Stem Cells Through a Barrier Membrane? (Supported by OsteoBiol by TECNOSS)

O074	14:30	Can Collagenated Xenogenic Bone Substitutes Enhance Crosstalk Between Gingival and Mesenchymal Stem Cells Through a Barrier Membrane?. I. ABOUT* (Aix-Marseille University, Marseille, France)
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Thursday, 03 September 2026, 13:30 - 15:30

Room 1 - Luis de Freitas Branco

Oral Session 10 - Cariology, Education and Periodontal Prevention

Chairpersons: S. D'agostino and C. Kelly

O075	13:30	Occlusal and Functional Stability in Conservative Rehabilitation of Worn Dentitions. C.M. SARATTI*, I. NAVAS, V. PALMEN, N. CHEBIB, E. DI BELLA, S. KILIARIDIS, J. LEPRINCE (University of Geneva, GENEVA, Switzerland)
SO076	13:45	NR-5™ and Nano-Hydroxyapatite for Dentine Hypersensitivity: Preliminary Results.. S. D'AGOSTINO*, M. DOLCI (Dept of Medical, Oral and Biotechnological Sciences, University G. d'Annunzio, Chieti, Italy)
SO077	14:00	Fluorides and Beyond: Composition of Toothpastes on the Dutch Market. Y. BLOK*, C. VOLGENANT, M. LIE, C. KLEVERLAAN, A. FEILZER, I. NEDELJKOVIC (Academic Centre for Dentistry Amsterdam (ACTA), University of Amsterdam and Vrije Universiteit Amsterdam, Amsterdam, Amsterdam, Netherlands)



SO078	14:15	L-Arginine-Modified Universal Adhesive Reduces Demineralization Around Composite Restorations. D. JIMÉNEZ-DÍEZ*, F. NAVAS, V. MORALES, R. SANZ, R.A. GARCÍA-MUÑOZ, A. LOGUERCIO, V. FUENTES, L. CEBALLOS, A.C. IONESCU (IDIBO Research Group, Area of Stomatology, Faculty of Health Sciences, Rey Juan Carlos University, Alcorcón, Madrid, Spain)
O079	14:30	Effect of Radiotherapy on Biofilm Formation of Bioactive Restorations. B. OGLAKCI OZKOC*, I. OZTURK, L. FAZLIOGLU, C. DEGER, A. MAYADAGLI, N. ARHUN (restorative dentistry, bezmialam vakif university, Istanbul, Turkey)
O080	14:45	Conservation Trend Emerges in Pediatric General Anesthesia Treatments Objectives. S.B. ADIGUZEL ERDOGAN*, E.M. ASAR (Pediatric Dentistry, Selcuk University, Faculty of Dentistry, Selçuklu, Konya, Turkey)
SO081	15:00	PerioRAG: Specialized Retrieval-Augmented-Generation System for Periodontal Education. X. GU*, D. PALKOVICS (Department of Periodontology, Semmelweis University, Budapest, Hungary)
O082	15:15	Caries, Restorations, and Dysbiosis: a Multi-Level Link to Periodontal Destruction. V. PITCHIKA*, U. WÖLFLE, F. BECK, N. WERNER, C. BUMM, C. ERN, R. HEYM, M. FOLWACZNY, F. SCHWENDICKE (Department of Conservative Dentistry, Periodontology, and Digital Dentistry, LMU Hospital, Munich, Germany)

Thursday, 03 September 2026, 13:30 – 15:30

Room 13 - Amalia Rodrigues Room

Oral Session 11 - Behavioral, Epidemiologic and Health Services Research I

Chairpersons: A. FVTarilonte and G. Tetè

SO083	13:30	Occlusal Support Is Strongly Associated With Oral Exostosis: a Large-Scale Cross-Sectional Study. L. HU*, T. TENKUMO, T. TAMAHARA, R. SHIMIZU, N. YODA (Division of Advanced Prosthetic Dentistry, Graduate School of Dentistry, Tohoku University, SENDAI, MIYAGI, Japan)
SO084	13:45	Awareness of Dental Crowns and Oral Hygiene Remains Limited. G. ATES, B. SELAMET* (PROSTHODONTICS, ANKARA YILDIRIM BEYAZIT UNIVERSITY, ANKARA, KECIOREN, Turkey)
SO086	14:00	Childhood Twice-Daily Brushing Causally Reduces Adolescent Caries. H. AL-SHARANI*, N. STORMON, A. RICHARDSON, Y. ZHANG, T. ZULFIQAR (National Centre for Epidemiology and Population Health, Australian National University, Canberra, Australian Capital Territory, Australia)
SO087	14:15	Dental Students' Social Perceptions of Caries Versus AI-Modified Smiles:Preliminary Results. D. DEMIRAY*, S. ORHAN, A. TAS, B.M. AKYILDIZ (Pediatric Dentistry, Faculty of Dentistry, Adnan Menderes University, Aydin, Turkey)
O088	14:30	Impact of Hologram Education on Diet-Dental Health Understanding in ASD. F. ASIRI*, A. ALSHABAAN, H. ALHAYAZA, R. TALLAB, E. KRUGER, M. TENNANT (Department of Preventive Dental Sciences, College of Dentistry, King Faisal University, Al-Ahsa, Saudi Arabia, King Faisal university, Al-Ahsa, Saudi Arabia)
SO089	14:45	Beyond Reimbursement: Dentist Participation in MassHealth. B. ANDERSON*, M. RIZKALLAH, M. INGLEHART, A. POLYMERI (Harvard School of Dental Medicine, Boston, Massachusetts, USA)
O347	15:00	Shaping Metabolic Health Through the Oral–Gut Axis in MAFLD. C. NIU*, Y. TU, Z. HUANG (Department of Endodontics, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine; College of Stomatology, Shanghai Jiao Tong University; National Center for Stomatology; National Clinical Research Center for Oral Diseases; Shanghai Key Laboratory of Stomatology; Shanghai Research Institute of Stomatology, Shanghai, Shanghai, China)
	15:15	Discussion



Thursday, 03 September 2026, 13:30 – 15:30

Room 5 - Fernando Pessoa Room

Oral Session 12 - Periodontal Research: Diagnosis/Epidemiology I

Chairpersons: A. Gustafsson and M. Kebschull

- O090** 13:30 Intra-Tissue Species-Specific Host-Microbe Interactions Characterise Periodontitis but Not Peri-Implantitis. M. KEBSCHULL*, S. FICKL, T. SPINELL, P. HOFFMANN, N. ENKLING, S. RENVERT, F. SCHWARZ, R. DEMMER, P. PAPAPANOU, S. JEPSE N, A. KROEGER (Department of Dentistry, University of Birmingham, Birmingham, United Kingdom)
- SO091** 13:45 Salivary Microbiome Accurately Diagnoses Periodontitis Using Machine-Learning and Decision Curves. T. BLANCO PINTOS*, B. SUÁREZ RODRÍGUEZ, A. SÁNCHEZ BARCO, M. ALONSO SAMPEDRO, C. Balsa CASTRO, M. QUEVEDO BISONNI, I. TOMÁS (Oral Sciences Research Group, Special Needs Unit, Department of Surgery and Medical-Surgical Specialities, Universidade de Santiago de Compostela, Santiago de Compostela, A Coruña, Spain)
- O092** 14:00 Genome-Wide Association Study of Periodontitis Reveals Novel Risk Loci. F. FRANKENHAEUSER*, O. KAMBUR, K. HYVÄRINEN, P. MÄNTYLÄ, A. HAVULINNA, U. GÜRSOY, J. LEPPILAHTI, P. PUSSINEN, A. SALMINEN (Oral and Maxillofacial Diseases, University of Helsinki and Helsinki University Hospital, Helsinki, Finland, Helsinki, Finland)
- O093** 14:15 Blood Methylation Signatures Reflect Ten-Year Periodontal Disease Activity. N. WERNER*, J. DIEGELMANN, S. GÄNESCH, F. NAGLER, R. HEYM, C. ERN, C. BUMM, F. SCHWENDICKE, V. PITCHIKA, M. FOLWACZNY (Department of Conservative Dentistry, Periodontology and Digital Dentistry, LMU University Hospital, Munich, Germany)
- O094** 14:30 Markers of Inflammation and Myocardial Damage in Relation to Periodontitis. A. GUSTAFSSON*, M. AL-KHAFI, A. JESEM MAHDI, A. NORHAMMAR, D. JÖNSSON (Dental Medicine, Karolinska Institutet, Stockholm, Sweden)
- SO095** 14:45 Towards Immunomodulatory Scaffolds for Periodontal Tissue Regeneration. R. BUDTS*, A. ALEXANDRIDIS, U. IVKOVIC, D. YUAN, N. BERGHMANS, A. BRAEM, M. GOUWY, R. JACOBS, S. STRUYF, M. EZELEDEN (Department of Imaging and Pathology, KU Leuven, Leuven, Belgium)
- SO096** 15:00 Machine Learning-Based Prediction of Cardiovascular Risk Using Periodontal Parameters. E. JOVANOVA*, A. ANGJELOVA, A. POLIZZI, G. ISOLA (Department of General Surgery and Medical-Surgical Specialities, Unit of Periodontology, University of Catania, Catania, Italy)
- SO097** 15:15 CT-Angiography Reveals Differential Association of Dental Infections With Stroke Entities. T. HALSTENBACH*, M.F. RUSSE, W.-D. NIESEN, A.-L. HILLEBRECHT, R. ROELZ, A. DRESSING, H. URBACH, F. CIEPLIK, A. RAU, W. SEMPER-HOGG (Department of Operative Dentistry and Periodontology, Faculty of Medicine, University of Freiburg, Freiburg, Germany)

Thursday, 03 September 2026, 13:30 – 15:30

Room 9 - Maria Helena Vieira da Silva Room

Oral Session 13 - Microbiology/Immunology I

Chairperson: A. Simon-Soro

- SO098** 13:30 Microbial Composition Shapes Viscoelasticity in Subgingival Biofilm Models. M. MERHAR*, H. MUNJAKOVIC, M. VOLK, N. ZAYED, W. TEUGHEL, K. SEME, D. STOPAR, R. GAŠPERŠIČ (Department of Oral Medicine and Periodontology, Ljubljana University Medical Centre, Ljubljana, Slovenia)
- SO099** 13:45 Mobile Genetic Elements Drive Antibiotic Resistance in Oral Streptococci. A. SAGEN*, K.S.M. SHAWROB, T. LUNDE, B. SRIBASGARAN, S. GHAFOR, M. AL-HARONI, R. GLADSTONE, G. SALVADORI, R. JUNGES (Institute of Oral biology, University of Oslo, Oslo, Norway)
- SO101** 14:00 $\gamma\delta$ T-Lymphocytes Reciprocally Interact With Human Periodontal Ligament-Derived MSCs. A. LORENZ*, L. MAIERHOFER, A. ÇUBUKCUOĞLU, S. HILBERATH, H. QINAWI, M. BECIROVIC, O. ANDRUKHOV, C. BEHM (Competence Center for Periodontal Research, Medical University of Vienna - University Clinic of Dentistry, Vienna, Austria)
- SO102** 14:15 Adjunctive Chitosan-Based Hydrogel Shifts Proteomic Profiles in Residual Periodontal Pockets. O. KLEIN*, J. WOHLFAHRT, M. BALTA (Department of Periodontology, Faculty of Odontology, University of Oslo, Oslo, Oslo, Norway)



O103	14:30	AI-Driven Salivary Microbiome Signatures Discriminate Breast Cancer From Healthy Controls. M. CIHAN, I. TAYFUN BUYUKEKEN, H. KOKSAL, O. EREN, S. AYDINDOGAN, M. CEYLAN, S. HAKKI* (Department of Periodontology, Selcuk University, Konya, TURKEY, --- Select One ---, Turkey)
SO104	14:45	Distinct Anti-Biofilm and Anti-Virulence Effects of Resveratrol and Quercetin. H. BAI*, A. SCULEAN, S. EICK (Department of Periodontology, University of Bern, Bern, Switzerland)
O105	15:00	Fighting Halitosis With Probiotic Chewing Gum: a Randomized Controlled Trial. S. CIRIO*, A. ALLAM, C. SALERNO, G. MANTEGAZZA, S. GUGLIELMETTI, G. CAMPUS, M.G. CAGETTI (Department of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy)
	15:15	Discussion

Thursday, 03 September 2026, 15:30 – 16:00

Coffee Break, Exhibition Area

Thursday, 03 September 2026, 16:00 – 18:00

Room 6 - Almada Negeiros

Symposium: Fluoride Today: Evidence, Safety, and Countering Misinformation through Strategic Scientific Communication

Chairpersons: G. Campus and M. Ryan

O106	16:00	A Contemporary View on the Evidence on Fluoride in Oral Health. G. CAMPUS*, P. LINGSTRÖM, M. DETTORI, M. CINELLI, M. RYAN (Department of Cariology, Institute of Odontology, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden)
O107	16:35	Navigating the Future of Fluoride in Modern Oral Health. P. LINGSTRÖM* (Department of Cariology, Institute of Odontology, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden)
O108	17:10	Strengthening Public Confidence on Fluoride. M. DETTORI* (Department of Medicine, Surgery and Pharmacy, University of Sassari, Sassari, Italy)
	17:45	Discussion

Thursday, 03 September 2026, 16:00 – 18:00

Room 7 - Sophia De Mello Breyner

Symposium: Next Generation Immunomodular Alternatives in Periodontology (Supported by Isodent/NOF)

Chairperson: K. Bougas

O109	16:00	Predicting the Success in Periodontitis. U. GURSOY* (Institute of Dentistry, University of Turku, Turku, Finland)
O110	16:35	Challenges in Peri-Implantitis Treatment. K. BOUGAS* (Institute of Odontology, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden)
O111	17:10	Predictable Medical Control of Periodontal Inflammation Without Side-Effects. T. VAN DYKE* (Harvard School of Dental Medicine, Boston, Massachusetts, USA)
	17:45	Discussion



Thursday, 03 September 2026, 16:00-18:00

Room 1 - Luis de Freitas Branco

Oral Session 14 - Dental Materials: Ceramic-based, Bioactive and Biocompatibility Materials I

Chairpersons: T. Mirt and S. Weng

O112	16:00	Developments in 3D Printing of Dental Restorations Made From Zirconia. A. ZENTHÖFER*, S. RUES, S. HETZLER (Heidelberg University, Heidel, Germany)
SO113	16:15	Tuning Dental Lithium Disilicate Glass-Ceramics via P ₂ O ₅ and ZrO ₂ . M. RUTTEN*, B. KARA, J. VLEUGELS, B. VAN MEERBEEK, F. ZHANG (Materials Engineering, KU Leuven, Leuven, Belgium)
SO114	16:30	Dimensional Accuracy and Porosity of Additively-Manufactured Zirconia Implant Crowns. T. MIRT*, B. VIHAR, A. KOCJAN, P. JEVNIKAR (Department of Prosthodontics, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia)
SO115	16:45	Effect of Rapid Sintering on Mechanical Properties of 1.5Y Zirconia. E. VEHAR*, M. SVETINA, T. MIRT, P. JEVNIKAR, A. KOCJAN (Department of Dental Medicine, University of Ljubljana, Faculty of Medicine, Ljubljana, Slovenia)
SO116	17:00	Manufacturing Limits of Ultra-Thin Additively Manufactured Zirconia Occlusal Veneers. U. OBLAK*, T. OKLEŠČEN, T. MIRT, A. KOCJAN, P. JEVNIKAR (University of Ljubljana, Faculty of Medicine, Ljubljana, Slovenia)
SO118	17:15	Material Composition Influences Early Hydration Dynamics of Calcium Silicate Cements. M. CAPITANIO*, L. DE CASTRO-HOSHINO, M. GIBBIN, F. SATO, A. TEZVERGIL-MUTLUAY (Department of Cariology and Restorative Dentistry, University of Turku, Turku, Finland)
	17:30	Discussion

Thursday, 03 September 2026, 16:00-18:00

Room 13 - Amalia Rodrigues Room

Oral Session 15 - Dental Materials: Adhesion I

Chairpersons: I. Buyukates and O. Ismail

SO120	16:00	Effect of Light-Curing Distance on Microtensile Bond Strength to Dentin. M. UCTASLI*, O. BALA, M. MUTLUAY, A. TEZVERGIL-MUTLUAY (Department of Restorative Dentistry and Cariology, Adhesive Dentistry Research Group, Institute of Dentistry, University of Turku, Turku, Finland)
SO122	16:15	Internal Adaptation and Bond Strength Evaluation of 3D-Printed Custom Posts. B. SINGUN*, C. PESKERSOY, E. DEMIR, E. ERCAN DEVRIMCI, I. ILGENLI (Restorative Dentistry, Ege University Faculty of Dentistry, Izmir, Turkey)
O124	16:30	Effect of Dentin Sealing Strategies on Bond Strength. I. BUYUKATES*, S. GAROUSHI, P. VALLITTU, S. UCTASLI, L. LASSILA (Department of Prosthodontics, Baskent University, Ankara, Turkey)
SO125	16:45	Four-Year Evaluation of HEMA-Free Resins Bonded to DMSO-Treated Dentin. O. ISMAIL*, T. STAPE, A. TEZVERGIL-MUTLUAY (Department of Restorative Dentistry and Cariology, Institute of Dentistry, University of Turku, Turku, Turku, Finland)
O127	17:00	Extracellulose Demineralization Reshapes Interfaces, Not Bond Strength, in SAFRCs. M. MARQUES*, C. TIROT, J. MENDES, H. ÁGUAS, A. DELGADO (Egas Moniz Interdisciplinary Research Center (CiiEM), Egas Moniz School of Health & Science, Almada, Portugal)
	17:15	Discussion



Thursday, 03 September 2026, 16:00 – 18:00

Oral Session , Room 5 - Fernando Pessoa Room

Oral Session 16 - Dental Materials: Biocompatibility, Bioengineering and Biologic Effects I

Chairpersons: C. Jeanneau and F. Kang

SO130	16:00	Resveratrol-Derived Carbon Quantum Dots: a Novel Nanotherapy for Temporomandibular-Joint Osteoarthritis. F. KANG*, M. LI, L. WANG, K. QI (College of Stomatology, Key laboratory of Shaanxi Province for Craniofacial Precision Medicine Research, Xi'an, Shaanxi, China)
O131	16:15	Human Oral Tissue Model Detects Irritation Potential of Medical Devices. M. PUSKAR*, J. MOLIGNANO, C. PELLEVOISIN, S. LETASIOVA, M. KLAUSNER (MatTek In Vitro Life Science Laboratories, Bratislava, Slovakia)
O132	16:30	Dental Implant-Derived Particles Affect the Immunomodulatory Properties of Gingiva-Derived MSCs. C. BEHM*, L. MAIERHOFER, A. LORENZ, M. BECIROVIC, V. MAIERHOFER, O. ANDRUKHOV (University Clinic of Dentistry, Competence Center Periodontal Research, Medical University of Vienna, Vienna, Austria)
O133	16:45	Implication of Bone Substitutes in Soft Tissue Healing. C. JEANNEAU*, J.-H. CATHERINE, R. LAN, T. GIRAUD, I. ABOUT (1Aix-Marseille University, CNRS, ISM, Marseille, France)
SO134	17:00	Nano-Hydroxyapatite and Potassium Nitrate Formulations Effectiveness on Enamel and Dentin. I. GÖNÜLLÜ*, E. ERCAN DEVRIMCI, H. KEMALOĞLU, C. PESKERSOY, M. TURKUN (Restorative Department, Ege University, Izmir, Turkey)
SO128	17:15	Does DMSO Concentration Influence Proanthocyanidin Crosslinking Interaction With Dentin Collagen?. M. WENDLINGER*, T. STAPE, G.D. COCHINSKI, A. LOGUERCIO, A. TEZVERGIL-MUTLUAY (Department of Restorative Dentistry and Cariology, University of Turku, Turku, Finland)
O135	17:30	Electrochemical Impedance Spectroscopy of Cementum and Dentin. A. BLOND*, M. CARSTENS, A. KAMAL MAHGOUB ALI, P. ZASLANSKY, C. FLECK, S. PARIS (Department of Operative, Preventive and Paediatric Dentistry, Charité - Universitätsmedizin Berlin, Berlin, Berlin, Germany)
	17:45	Discussion

Thursday, 03 September 2026, 16:00 – 18:00

Room 9 - Maria Helena Vieira da Silva Room

Oral Session 17 - Digital Dentistry and Diagnostic Sciences I

Chairpersons: A. Azul and P. Soltani

SO137	16:00	MAR Effects on Detecting Zirconia Implant Canal Injuries. P. SOLTANI*, M.H. MANOUCHEHRI, A. MOADDABI, S. ROSTAMIAN, G. SPAGNUOLO, M. CERNERA, N.G. ARMOGIDA (University of Naples Federico II, Naples, Italy)
O138	16:15	AI-Based Prediction of Root Canal Numbers in Mandibular Premolars. F. IACULLI*, G. DI GIORGIO, H. HEMATI, F. YOUSEFI, R. MAHJOOBIPOOR, P. IRANMANESH, P. SOLTANI, G. SPAGNUOLO (Department of Oral and Maxillo-Facial Sciences, Sapienza University of Rome, Rome, Italy)
O139	16:30	Detection of Rotation Errors in Digital Bitewing Radiographs. T. KÖLÜS*, M. GÜLEÇ (Department of Restorative Dentistry, Izmir Demokrasi University, Izmir, Turkey)
SO142	16:45	Augmented and Mixed Reality for Pterygoid Implant Placement. Z. MAO*, J. FU, F. BEUER, Y. WANG, G. CAKMAK, S. LIAO, S. PIERALLI, M. LI, W. MA (Department of Prosthodontics, Geriatric Dentistry & Craniomandibular Disorders, Charité-Universitätsmedizin Berlin, Berlin, --- Select One ---, Germany)
O136	17:00	Consideration of Mandibular Bone Quality by Using Bone-J on MDCT. S. IKEDA*, K. ARAKI (Faculty of Dentistry, Department of Oral and Maxillofacial Diagnostic Science, Division of Radiology, Showa Medical University, Tokyo, Japan)



ORAL HEALTH
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Lisbon, Portugal



SO143	17:15	Deep Learning Enabled Automated Caries Detection on Intraoral Scans. L. CAO*, N. VAN NISTELROOIJ, K. VOS, B. LOOMANS, M. CENCI (Department of Dentistry, Radboud university medical center, Nijmegen, Netherlands)
	17:30	Discussion

Thursday, 03 September 2026, 18:30 – 19:30

Main Auditorium

Welcoming Ceremony

Thursday, 03 September 2026, 19:30 – 21:00

Reception , Room 4 - Vitorino Nemésio Room

Welcoming Reception



Friday, 04 September 2026, 8:30 – 10:00

Room 6 - Almada Negeiros

Symposium: Ultrasmall Scale Robotics in Dentistry – From Deep Science to Clinical Translation (Supported by Theranautilus)

Chairpersons: P. Srinivas MDS and M. Özcan

O144	8:30	Magnetic Nanorobots for Medicine. A. GHOSH PHD* (Indian Institute of Science, Bengaluru, Karnataka, India)
O145	9:05	Clinical Applications of Nanorobotics in Oral Health. D. DASGUPTA PHD* (Theranautilus Private Limited, Bangalore, Karnataka, India)
	9:40	Discussion

Friday, 04 September 2026, 8:30 – 10:00

Room 1 - Luis de Freitas Branco

Oral Session 18 - Periodontal Research – Therapy I

Chairpersons: B. Bozoklu and J. Yu

SO146	8:30	Electrolyzed Saline: an Adjunct to Scaling-and-Root-Planing in Stage III/IV Periodontitis. K. POVŠIČ, H. MUNJAKOVIĆ, M. MERHAR, R. GAŠPERŠIČ* (Department of Oral Medicine and Periodontology, University of Ljubljana, Faculty of Medicine, Ljubljana, Slovenia)
SO147	8:45	In-Vitro Photodynamic Effects of Blue Light-Activated Resveratrol on Dental Biofilm. B. BOZOKLU*, M. YILDIRIM UCUNCU, S. BATU, N. TOPCUOGLU, D. YAMAN (Periodontology, Istanbul University Faculty of Dentistry, Istanbul, Turkey)
SO148	9:00	Adjunctive %0.8 Hyaluronic Acid in Non-Surgical Therapy. I. OZGU*, M. HATIPOĞLU, M. SAĞLAM (Periodontology, Akdeniz University, Antalya, Turkey)
SO149	9:15	Short-Term Refrigerated Storage Preserves L-PRF Functionality and Bioactivity. J. YU*, A. CASTRO, A. TEMMERMAN, W. TEUGHEL, W. VAN HOLM, N. PEREDO, M. KÜBRA AKTAN, M. QUIRYNEN (Department of Oral Health Sciences, Periodontology and Oral Microbiology, KU Leuven, Leuven, Belgium)
O150	9:30	Standardized Regenerative Protocol for Peri-Implantitis: Clinical and Radiographic Findings. A. VIZANSKI*, Y. GABET, G. ADDADI, G. FERNANDES (Privet practice, Tel Aviv, Israel)
O151	9:45	Minimally Invasive Therapy Improves Outcomes in Residual Periodontal Pockets. G. ISOLA*, A. ANGJELOVA, E. JOVANOVA, A. POLIZZI (Unit of Periodontology, School of Dentistry, University of Catania, Catania, Italy)

Friday, 04 September 2026, 8:30 – 10:00

Room 13 - Amalia Rodrigues Room

Oral Session 19 - Oral Medicine, Salivary Research and Orofacial Pain II

Chairpersons: I. Alajbeg and A. Aliberti

O152	8:30	Within-Subject Temporal Dynamics Predict Daily Orofacial Pain: Pilot Study. J.F. OYARZO*, M. OSORIO, M. JUSAKOS, A. LÖVGREN, P. CONTI, P. SVENSSON (Orofacial Pain & TMD Program, Universidad Andrés Bello, Santiago, Chile)
O153	8:45	Altered Sensitivity and Decision Bias in Chronic Temporomandibular Pain. I. ALAJBEG*, M. ZLENDIC, I. BORAS, I. BILOS, E. VRBANOVIC DJURICIC, I. ALAJBEG (Department of Removable Prosthodontics, University of Zagreb School of Dental Medicine, Zagreb, Croatia)
SO154	9:00	Fatigue After Chewing Gum Mastication in Healthy and TMD Patients. A. ALLAM*, A. MARCHESI, S. CIRIO, C. SALERNO, M.G. CAGETTI (Department of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy)



O155	9:15	Burning Mouth Syndrome: Diagnosis and Treatment Through Masticatory/Gustatory Stimulation. I. ALAJBEG*, B. ŠPIJAK, N. TREISTER, I. ŠIMUNOVIĆ, I. ALAJBEG, Y. BOUCHER (Oral Medicine, University of Zagreb School of Dental Medicine, Zagreb, Croatia)
O156	9:30	Oral Toxicities Secondary to Antibody-Drug Conjugates in Metastatic Cancer Patients. P.J. FANTOZZI*, S. SONIS, A. BOTTICELLI, S. SCAGNOLI, M. VERRICO, G. BIANCHINI, M.V. BONOMO, C. BONADONNA, M. CASAGRANDE, L. BORGHETTI, G. TENORE, S. DAS, J. DIAZ, U. ROMEO, A. VILLA (Department of Oral and Maxillofacial Sciences, Sapienza University of Rome, Rome, Italy)
SO157	9:45	Salivary Biomarkers: a Diagnostic Tool for Oral Potentially Malignant Disorders. L.N. MEKHLIF*, J. KAKAR (Faculty of dentistry, Riga Stradins University, Riga, Latvia)

Friday, 04 September 2026, 8:30 – 10:00

Room 7 - Sophia De Mello Breyner

Oral Session 20 - Dental Materials: Colour and Appearance (Esthetics) I

Chairpersons: V. Miletic and O. Pecho

O158	8:30	Colorimetric and Translucency Characterization of New Universal Cloud-Shade Composite Systems. O.E. PECHO*, L. MARTÍNEZ-PEDROSO, T. GRAZIOLI, M. TEJADA-CASADO, A. IONESCU, R. GHINEA (School of Dentistry, University of Granada, Granada, Granada, Spain)
SO159	8:45	Color Matching of Universal Resin Composites Across Cavity Types and Shades. E. SAPTAS*, R. MUDUROGLU ADIGUZEL, N. ARHUN (Restorative Dentistry, Baskent University, Ankara, Turkey)
O160	9:00	Staining Medium Strongly Influences Optical Stability of Cemented LiSi Veneers. J. STASIC, V. MILETIC* (Faculty of Medicine and Health, Sydney Dental School, The University of Sydney, Surry Hills 2010, New South Wales, Australia)
SO161	9:15	Background-Dependent Color Behavior of a Simplified-Shade Resin Composite. S. DOĞDU*, E. YENICERI HILALOGLU (department of restorative dentistry, gaziantep university faculty of dentistry, Gaziantep, Sehitkamil, Turkey)
O162	9:30	Evaluation the Effects of Whitening Toothpastes and Mouthwashes. C. PESKERSOY*, H. BUCEKLER, F. MAVI (Restorative Dentistry, Ege University Faculty of Dentistry, Izmir, Turkey)
SO163	9:45	Color Stability of Anterior Composites After Bleaching/Polishing Following Staining. H.N. KOÇ*, D. GÜRSEL SÜRMELOĞLU (Gaziantep University, Gaziantep, Turkey)

Friday, 04 September 2026, 8:30 – 10:00

Room 5 - Fernando Pessoa Room

Oral Session 21 - Pulp Biology and Regeneration I

Chairpersons: A. Jakovljevic and D. Yuan

O164	8:30	Oxidative Stress Markers Associated With Human Apical Periodontitis. L. LUKIC, L. DJUKIC, N. NIKOLIC, B. GACIC, L. STOJCEV-STAJCIC, A. JAKOVljeVIC* (Basic Science, School of Dental Medicine, University of Belgrade, Serbia, Belgrade, Serbia)
O165	8:45	Immunohistochemical Study of Inflammatory Cell Infiltrate in Human Dental Pulp. A. SOTIROVSKA IVKOVSKA*, Z. GEORGIEV, T. IVKOVSKA, S. IVKOVSKA (aDepartment of Pediatric and Preventive Dentistry, Faculty of Dentistry, Skopje, Macedonia (the former Yugoslav Republic of))
O166	9:00	DPSC Mitochondrial Transfer Enhances Endothelial Survival and Angiogenesis via PI3K-Akt Signaling. S. YANG, C.K.Y. YIU, W. DISSANAYAKA* (University of Hong Kong Faculty of Dentistry, Hong Kong, Hong Kong)
SO167	9:15	Facial Recognition-Inspired Morphology Encodes Cell Identity and Function of HDPCs. D. YUAN*, M. VAN WIJNGAARDEN, Z. ZHAO, M. HUANG, J. STURMS, B. VAN MEERBEEK, T. VAN DEN BOSCH, P.J. VAN DER SPEK, M. EZELDEEN, M.S. PEDANO (Oral Health Sciences, KU LEUVEN, Leuven, Belgium)
SO168	9:30	Machine Learning Based Classification of Pulpitis Stages Using Microbiome-Derived Features. C.A. CAMUZ*, A. MORITZ, B. SAGL (University Clinic of Dentistry, Medical University of Vienna, Vienna, Vienna, Austria)



SO169 9:45

AlgMA–Fibrin Hydrogel for Controlled Delivery of SDF-1-Loaded Nanoparticles in Dental Pulp Regeneration. U. IVKOVIC*, R. CLAEYS, F. ZHANG, B. VAN MEERBEEK, O. DESCHAUME, F. BERETTA, P. PROOST, A. MIGNON, R. JACOBS, M. EZELEEN (OMFS-IMPACT Research Group, KU Leuven, Leuven, Belgium)

Friday, 04 September 2026, 8:30 – 10:00

Room 9 - Maria Helena Vieira da Silva Room

YOUNG CED-IADR Workshop: Conducting Literature Review with Language Models (Supported by Colgate)

Chairperson: A. Georgiou

O170 8:30 Conducting Literature Review With Language Models. E. KOSAN* (Charité Universitätsmedizin Berlin, Berlin, Germany)

Friday, 04 September 2026, 8:30 – 10:00

Poster Foyer

Poster Session 11 - Behavioral, Epidemiologic and Health Services Research

Chairperson: A. Almeida

- P101** Second Primary Molar Hypomineralisation Is Not Associated With Hypodontia. O. GRGIC*, I. BUDAS, E. WOLVIUS, L. KRAGT (Department of Cariology, ACTA, Amsterdam, North Holland, Netherlands)
- SP103** Prevalence of Oral and Maxillofacial Injuries Among Finnish Athletes. A. HELMINEN*, L. VUORINEN, A. SHRESTHA, M.-L. LAITALA, N. RITVA, T. TANNER, R. LITHOVIUS (Research Unit of Population Health, Faculty of Medicine, University of Oulu, Oulu, Finland)
- P104** Restorative Materials in Posterior Teeth Among 30-90-Year-Olds in Finland. U. PALOTIE*, B. TSEVEENJAV, L. SUOMINEN, M. VEKALAHTI (Oral and maxillofacial diseases, University of Helsinki and Helsinki University Hospital, Helsinki, Finland)
- SP106** Socioeconomic Status Modifies DMFT Composition in Older Norwegian Adults. S. BANJARA*, E. BERGGREEN, D. BUNÆS, G. SULO (Research Department, Oral Health Centre of Expertise in Western Norway/Vestland, Bergen, Hordaland, Norway)
- P107** Norwegian Dentists' Perspective on Reporting Adverse Reactions to Dental Biomaterials. A. ALIKO*, A. BERGSTØ, T. MORKEN, T.L. LUNDEKVAM BERGE (Dental Biomaterials Adverse Reaction Unit, Nordic Institute of Dental Materials (NIOM), Bergen, Norway)
- SP108** Dispositional Optimism and Pessimism Predict Periodontal Condition in Midlife. V. PATERI*, V. VUOLLO, P. YLÖSTALO, J. LEPPILAHTI (Research Unit of Population Health, University of Oulu, Oulu, Finland)
- P109** From Smoking to Vaping. a Cross-Sectional Study.. N. SARACI*, E. ALIKAJ, S. PANTEQI, A. SHPATI (Department of Dentistry, Aldent University, Tirana, Albania, Albania)

Poster Session 12 - Cariology Research: Demineralization, Remineralization & Erosion

Chairperson: A. Ionescu

- P110** Early-Stage Caries Remineralization From an Experimental Glycerophosphate Dentifrice. G. BURNETT*, J. CREETH, B. MAHMOODI, G. SMITH, A. ORELLANA, F. LIPPERT, A. HARA (Haleon, Weybridge, United Kingdom)
- P111** Experimental Resin Composites Containing Calcium Orthophosphate Particles for Dentin Remineralization ex-Vivo.. D. BOLLERI, D. BERRI, R. BRAGA, V. COMITE, H. DOS SANTOS VILELA, P. FERMO, A. IONESCU* (Oral Microbiology and Biomaterials Laboratory, Department of Biomedical, Surgical, and Dental Sciences, University of Milan, Milan, Italy)
- P112** Caries Remineralisation by Experimental Glycerophosphate Dentifrice Using pH Cycling and TOFSIMS. B. MAHMOODI*, M. MORAWIETZ, F. LIPPERT, S. COOMASARU (Oral Health Research and Development, Haleon, Weybridge, Surrey, United Kingdom)
- SP113** in Vitro and in Vivo Enamel Remineralization Using a Novel Varnish Containing Calcium Silicate. A. MURAT*, S. BABAJKO, K. JEDEON, S. HOUARI, A.-L. DENIZOT, C. DUVAL (Odontologie, Paris cité, Montrouge, France)



- P114** Association Between Salivary Protein Profiles, Dentin Hypersensitivity and Caries Risk. M. MANOLOVA, N. MANCHOROVA*, K. MARKOVA, V. TODOROVA, L. VANGELOV, D. PETKOVA, M. TODOROVA (Operative Dentistry and Endodontics, Medical University, Plovdiv, Bulgaria)
- SP115** Low Potassium and IgA Levels in Saliva of ETW Patients. E. LIND*, H. KANGASMAA, A. SUOMINEN, M. PÖLLÄNEN, M. LAINE, M.-L. LAITALA, V. LOIMARANTA (Institute of Dentistry, University of Turku, Turku, Finland)
- SP116** Effects of Water-Based Silver Fluoride and Zinc-Based Treatments on Dentin. O. AL-EMARA*, M. UCTASLI, M. CAPITANIO, A. TEZVERGIL-MUTLUAY (Department of Cariology and Restorative Dentistry, University of Turku, Turku, Finland)
- P117** Tracking Erosive Lesion Progression in Vitro With IOS. A.M. VIEIRA*, R. GOUVEIA, S. MARQUES, G. CAMELO, P. MAURICIO, J.J. MENDES, J. RUA (Oral Rehabilitation, Egas Moniz School of Health and Science, Caparica, Almada, Portugal)
- SP118** Impact of a Guar-Derivative's pH and Concentration on Enamel Erosion. C.L. SCHWENKE*, N. SCHLUETER, K. VACH, B. LUKA (Department of Conservative Dentistry, Periodontology and Preventive Dentistry, Hannover Medical School, Hannover, Lower Saxony, Germany)
- SP120** Gum Arabic-Based Carbon Quantum Dots for Remineralization: Synthesis and Characterization. S. GÜVEN*, G. KARAOTMARLI GUVEN, I.T. DEGIM, R.B. ERMIS (Restorative Dentistry, University of Health Sciences, Istanbul, Turkey)

Poster Session 13 - Cariology Research: Microbiological Studies, Biofilm, Fluoride & Ca-based Products

Chairperson: P. de Melo

- SP121** Sucrose-Glucose Balance Drives Yellow-Red Fluorescence in Caries Biofilms in Vitro. P. AMEND*, S. SABBAGH, T. HECKER, C.-H. LEE, Y.-J. CHO, E.-S. LEE, B.-I. KIM, W. BUCHALLA, Á. LENNON (University Hospital Regensburg, Regensburg, Germany)
- P122** β-Mannanase-Magnolol Strategy Against Fungal-Bacterial Oral Biofilms. A. YAROVAYA* (SkyLab AG, Epalinges, Switzerland)
- P123** Rhamnolipid-Sarcosinate Combination Synergistically Inhibits Dental Biofilm Formation. D.-M. RATOVA*, A. YAROVAYA (SkyLab AG, Epalinges, Switzerland)
- P125** Arginine Toothpastes: Biofilm and Demineralization Effects via OCT and QPCR.. T. SCHLEE*, A. SILVA BRAGA, C. VON OHLE, M. ESTEVES OLIVEIRA (Department of Conservative Dentistry, Faculty of Medicine, University of Tübingen, Tübingen, Germany)
- SP126** Comparing Anti-Demineralization Potency of Novel Stain-Free Fluorides and SDF. P. AMORNPAIROJ*, O. THANATVARAKORN, T. PRASANSUTTIPORN, P. NIMMANPIPUG, T. SASTRARUJI, S. NAKASHIMA (Faculty of Dentistry, Chiang Mai University, Chiang Mai, Thailand)
- SP128** Mineralization Potential of Contemporary Ion-Releasing Restorative Materials. I. OKTEN*, R. SESEOGULLARI-DIRIHAN, T. PAMIR, A. TEZVERGIL-MUTLUAY (Department of Restorative Dentistry, Ege University School of Dentistry, Izmir, Turkey)
- P129** Enamel Defects in Patients With Autoimmune Polyendocrine Syndrome Type 1. M. MARTHINUSSEN*, A. BLETS, H. NORDGARDEN, K.H. JENSEN, L.C. HASSELGREN, A.S. WOLFF, E.S. HUSEBYE (Oral Health Center of Expertise in Western Norway,, Bergen, Norway)

Poster Session 14 - Dental Materials: Ceramic-based Materials

Chairpersons: C. Cortes Martins and D. Samastur

- P130** Comparison of Quantitative Methods for Yttria in Dental Zirconia. K. NAKAMURA*, D. RÖSEL, U. ÖRTENGREN, S. SHISHIDO (Tohoku University Graduate School of Dentistry, Sendai, Japan)
- SP131** Effects of Air-Particle Abrasion on Ageing Dynamics of 1.5Y Zirconia. D. SAMASTUR*, T. MIRT, P. JEVNIKAR, A. KOCJAN (Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia)
- SP132** Mechanical and Optical Properties of 3Y-TZP Zirconia: Printed vs. Milled. L. ALMEIDA PASSARELLI*, R. ROEDER, A. DEMACHKIA, J. FERNANDES, R. MELO, Y. ZHANG (Department of Preventive and Restorative Sciences, University of Pennsylvania, Philadelphia, Pennsylvania, USA)
- SP134** Lack of Standardization in FEA Properties for Monolithic Zirconia Crowns. C. CORTES MARTINS*, CATARINA CORTES-MARTINS(1), JOÃO PAULO MARTINS(2), SARA MARTINS, RUI F. MARTINS(3), SOFIA OLIVEIRA(1), JOÃO CARLOS ROQUE(1). 1 – DENTAL BIOMATERIALS RESEARCH GROUP (BIOMAT), UNIDADE DE INVESTIGAÇÃO EM CIÊNCIAS ORAIS E BIOMÉDICAS (UICOB), FACULDADE DE MEDICINA DENTÁRIA, UNIVERSIDADE DE LISBOA, LISBON, PORTUGAL. 2- RESEARCH GROUP IN IMPLANTOLOGY AND BIOMATERIALS (GIMPLANT) AT THE FACULDADE DE MEDICINA DENTÁRIA, UNIVERSIDADE DE LISBOA, LISBON, PORTUGAL. 3- NOVA | RESEARCH & DEVELOPMENT UNIT FOR MECHANICAL AND INDUSTRIAL ENGINEERING (UNIDEMI), FACULDADE DE CIÊNCIAS E TECNOLOGIA (NOVA FCT), UNIVERSIDADE NOVA DE LISBOA, PORTUGAL. (BIOMAT-UICOB, Faculdade de Medicina Dentária-Universidade de Lisboa, Lisbon, Lisbon, Portugal)



- P135** Does Zirconia Etching Really Roughen the Surface?. F. FLEINER*, M. ROSENTRITT (Department of Dental Prosthetics, University Hospital Regensburg, Regensburg, Germany)
- SP136** Fit of Differently Supported 3D-Printed Zirconia Veneers Versus Milled Counterparts. J. ROSSIPAL*, S. HETZLER, S. RUES, P. RAMMELSBURG, A. ZENTHÖFER (Department of Prosthodontics, Heidelberg University Hospital, Heidelberg, Germany)
- SP137** Influence of Fluorescent Liquid on Zirconia Emission Under Indoor Lighting. J. SANTOS*, JULIANA MARQUES SANTOS¹, MÓNICA SOFIA ROSMANINHO DÂMASO¹, CRISTINA BETTENCOURT NEVES^{1,2}, SANTOS, L. F.³, JOÃO CARLOS ROQUE¹ ¹ DENTAL BIOMATERIALS RESEARCH GROUP (BIOMAT), BIOMEDICAL AND ORAL SCIENCES RESEARCH UNIT (UICOB), FACULDADE DE MEDICINA DENTÁRIA, UNIVERSIDADE DE LISBOA, LISBON, PORTUGAL ² RESEARCH INSTITUTE FOR MEDICINES (IMED.U LISBOA), FACULDADE DE FARMÁCIA, UNIVERSIDADE DE LISBOA, LISBON, PORTUGAL ³ ICMS-IST, UNIVERSIDADE DE LISBOA, PORTUGAL (Dental Biomaterials Research Group (BIOMAT), Biomedical and Oral Sciences Research Unit (UICOB), Faculdade de Medicina Dentária, Universidade de Lisboa, Lisboa, Portugal)
- SP138** Air-Abrasion Angle Affects Strength, Phases, and Stress in Translucent Zirconia. S. SHISHIDO*, S. BARKARMO, K. NAKAMURA, U. ÖRTENGREN, P. SVANBORG (Institute of Odontology, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden)
- SP139** Tribological Behavior of Additively Manufactured 5Y-PSZ Zirconia. J. SILVA*, M.F. RODRIGUES PAIS ALVES, S. CORDEIRO SANTOS, G. MIRANDA, R. MELO, S.M. HENRIQUES OLHERO (Department of Materials and Ceramics Engineering, CICECO- Aveiro Institute of Materials, University of Aveiro, Aveiro, Portugal)

Poster Session 15 - Dental Materials: Polymer-based Materials

Chairpersons: N. Ilie and J. Vonča

- P140** Evaluation of Microleakage in 3D-Printed Versus Indirect Composite Inlays. B. GÜRAY EFES, M. GUCLU*, S. KOSE, M. CONAY, A.T. ALBAYRAK (Istanbul University Faculty of Dentistry, ISTANBUL, Turkey)
- SP141** Mechanical Strength and Reliability of Novel 3D-Printed Composites. J. VONČA*, T. MALGAJ, E. PRAUSE, P. JEVIKAR, A. KOCJAN, F. BEUER, F. SCHMIDT (Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia)
- SP142** Release of BPA and UDMA From 3D-Printed and Thermoformed Aligners. T. ŠROLEROVÁ*, Y. TAK, J. VITKU, B. SAYAHPOUR, A. TICHY (Institute of Dental Medicine, First Faculty of Medicine of the Charles University and General University Hospital, Prague, Czechia)
- SP143** Coating Agents' Effects on Surface Properties of 3D-Printed Denture Resins. I. TSOLIANOS*, O. NAKA, S. KAMALAKIDIS, I. MYRISIDIS, F. KESIKIDOU, S. CHATZOPOULOS, K. DAVID, E. KOTSIOMITI (Aristotle University of Thessaloniki, Thessaloniki, Greece)
- SP144** Comparative Evaluation of Microleakage in Direct, CAD/CAM-Milled, and 3D-Printed Restorations. D. TOPKIRAN*, B. GÜRAY EFES, P. BEHNAMSANI, N.S. ÖZDAL, B.M. BIRINCI (Department of Restorative Dentistry, Istanbul University, Istanbul, Turkey)
- SP145** Sandblasting Reduces Biaxial Flexural Strength of Two CAD/CAM Resin-Composites. M. AHMED*, A. AL-TAIE, D. WOOD, F. RODRIGUES (College Of Dentistry, Mosul University, MOSUL, Iraq)
- SP146** Deep-Learning Limits in Quantifying Bonding Gaps From PCE-μCT. Y. MAO*, C. FLECK, P. ZASLANSKY, K. BITTER (Department of Operative Dentistry and Periodontology, Martin Luther University Halle-Wittenberg, Halle (Saale), Germany)
- SP147** Aqueous-Induced Mass Changes in Zinc-Doped Dental Composites. E. MANDIC*, T. SMILJANIC, M. MILOS, M. PAR, Z. TARLE, D. MAROVIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- P148** Viscoelasticity and Test-Speed Impact on the Mechanical Behaviour of Composites. N. ILIE* (Conservative dentistry, University Hospital, LMU, Munich, Germany)
- SP149** The Assessment of Strength and Fluoride Release in Water and Acid of the Novel Glass Ionomer Cement Containing Biounion Glass Fillers.. W. POLTANAWASIT*, N. LEENUTAPHONG, P. PANPISUT (Restorative and esthetic dentistry, Thammasat university, Khong Luang, Pathum Thani, Thailand)
- SP150** Influence of Cleaning Procedures on Mechanical Properties of Indirect Restorations. L. TROHA*, M. PAR, M. JAKOVAC, Z. TARLE, D. MAROVIC (University of Zagreb, School of Dental Medicine, Zagreb, Croatia)



Poster Session 16 - Dental Materials: Metal-based and Other Materials, Instruments and Clinical Trials

Chairpersons: N. Attik and P. Pires

- P374** Clinical Evaluation of Flowable Composites With Different Filler Content. T. MATOS*, A. DE CASTRO, M. FAVORETO, A. DE MIRANDA, N. DA SILVA, A.B. CLEMENTINO, G. MANFRON, G. REIS, Y. PUPO (Restorative Dentistry, Federal University of Parana, Curitiba, PR, Brazil)
- P151** Influence of Positioning Within CAD/CAM-Discs on Crown Fracture Strength. H. ÜBERSCHAER*, M. ROSENTRITT (Universitätsklinikum Regensburg, Regensburg, Germany)
- SP152** Effect of Crown/Abutment Material and Cement Thickness on Cement Stresses. T. HORBRÜGGER*, J. RECHLIN, N. HENNING, A. SONI, M. VON STEIN-LAUSNITZ, A. KUPSCH, F. BEUER, F. SCHMIDT, P. ZASLANSKY, C. FLECK (Chair of Materials Science & Engineering/Fachgebiet Werkstofftechnik, Technische Universität Berlin, Berlin, Berlin, Germany)
- P154** MARIO Simulator for Realistic Predictive Behavior of Dental Materials. C. JEANNIN, N. ATTIK*, O. NACERBEY, V. MASSARDIER, K. GRITSCH, B. GROSGOGEAT (Université Claude Bernard Lyon 1, Faculté d'Odontologie, Laboratoire des Multimatériaux et Interfaces, UMR CNRS 5616, Lyon, France)
- P155** Cutting Efficiency and Longevity of Zirconia Cutting Burs. M. ARREGUÍ GAMBÚS*, A. BRUFAU, L. GINER (Dentistry, Universitat Internacional de Catalunya, Barcelona, Spain)
- SP156** Dimensional Accuracy of Three 3D Printers for Fixed Dental Prostheses. P. PIRES*, P. MASCARANHAS, C.P. ALBACETE, N. GOREA, J. COSTA, P. MAURICIO (CiEM, ESSEM, Monte da Caparica, Setubal, Portugal)
- SP157** Reduced Enamel Etching Time in Cervical Restorations: 6-Month Clinical Trial. A. BARRIENTOS*, I. ARNES, F. BUSTOS, R. ALIAGA, A. BENISCELLI-VASQUEZ, A. LOGUERCIO, M. GUTIERREZ-REYES (Facultad de Odontología, Universidad de los Andes, Santiago, Región Metropolitana, Chile)
- SP158** One-Year Clinical Performance of Single-Shade Composite Resin in Class v Restorations. H. OH*, S.-Y. KIM (Conservative Dentistry, Seoul National University, Seoul, Korea (the Republic of))

Poster Session 17 - Digital Dentistry Research Network

Chairperson: A. Azul

- P160** Evaluating GenAI Performance Across Dental EHR and Research Data Use Cases. S. BANAVA* (University of California San Francisco, San Francisco, California, USA)
- SP161** Image Quality Comparison Between Stationary Intraoral Tomosynthesis and Conventional Radiography. D. RUIZ*, M. RÉA, C. DE OLIVEIRA-SANTOS, M.F. ANDRADE BORTOLETTO, W. SCARFE, G. SANTAELLA, D. FREITAS, S. DE-AZEVEDO-VAZ (UFES, Vitória, Brazil)
- SP162** AI-Assisted Screening of Osteonecrosis of the Jaw in Panoramic Radiographs. V. NAGYOVÁ*, D. BLANAR, J. KYBIC, A. TICHÝ (First Faculty of Medicine, Charles University, Prague, Czechia)
- P163** Deep Learning Integration in Dental Caries Diagnosis. S. SEKULIĆ KELHAR* (Health Care Center, National Institute of Public Health, Ljubljana, Slovenia)
- SP164** Digital Traffic Light Color Code for Detecting Dental Fear. E. VÄYRYNEN*, K. KUKKOLA, V. ANTONEN, M.-L. LAITALA, S. KARKI, E. MOLKOSEKKA, T. KANKAALA (Research Unit of Population Health, Faculty of Medicine, University of Oulu, Oulu, Finland)
- SP165** CAD/CAM and Conventional Fabrication of Michigan-Splints: Time and Cost Analysis. T.B. DANG*, S. WOLFART, J. MAROTTI (Department of Prosthodontics and Biomaterials, University Hospital RWTH Aachen, Aachen, Germany)
- P166** Intraoral 3D-Visualization Effects on Oral Hygiene: Periodontal RCT Interim Analysis. J. WAHRENDORF*, C. GRAETZ, M. SCHLENZ-HELMKE, M. CYRIS (Department of Prosthodontics, University Medical Center Schleswig-Holstein (UKSH), Campus Kiel, Kiel, Schleswig-Holstein, Germany)
- SP167** In Vitro Comparison of 3D Facial Scanners' Accuracy in Digital Dentistry. D. STIEFEL*, O. SCHUBERT, J.-F. GÜTH, J. SCHWEIGER, P. GROEGOR, D. STAN, N.E. MELLI (Department of Prosthodontics, LMU Munich, Munich, Bavaria, Germany)

Poster Session 18 - Geriatric Oral Research

Chairperson: V. Brukiene

- SP168** Identifying Frailty Risk in Long Term Care Using Oral Hypofunction. R. OURA*, R. SAARELA, K. PITKÄLÄ, H. KAUTIAINEN, S. JYVÄKORPI, M. SUOMINEN, P. MÄNTYLÄ, K. HILTUNEN (Department of Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)
- SP169** Association Between Question-Based Oral Symptoms and Oral Health Status. M. EGGERT*, P. MÄNTYLÄ, R. SAARELA, K. PITKÄLÄ, H. KAUTIAINEN, E. JÄMSEN, K. HILTUNEN (Department of Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)



- SP170** Older Adults and Removable Dentures: Nutritional Status and Physical Capacity. M. ZORAWNA*, P. MÄNTYLÄ, H. KAUTIAINEN, K. PITKÄLÄ, K. HILTUNEN (Department of Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)
- P172** High Dental Treatment Needs in Acute Geriatric Complex Therapy. L.I. WERNBURG*, A. SCHÖNENBERG, S. ANDERNACH, J. HEY, M. KASALIYSKA, R. SCHWEYEN, T. PRELL (Department of Prosthodontics and Geriatric Dentistry, Martin-Luther University Halle-Wittenberg, Halle (Saale), Germany)
- P174** Two-Year Oral Management Enhances Occlusal Force and Muscle Mass. M. OHTA*, M. RYU, T. UEDA (Department of Removable Prosthodontics & Gerodontology, Tokyo Dental College, Tokyo, Japan)
- P175** Oral Frailty Associations With Function, Cognition, and Quality of Life. K. HILTUNEN*, R. OURA, K. PITKÄLÄ, H. KAUTIAINEN (Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)

Poster Session 19 - Oral and Maxillofacial Surgery

Chairpersons: G. Golnaz and E. Hickstein

- SP176** Selected Photosensitizer Features Promote SaOS-2 Cells in Vitro Activity. M.Â. CARDOSO*, J. SIMÕES, I. DIAS, C.M. MARTO, M.F. BOTELHO, T.M.V.D. PINHO E MELO, M. PIÑEIRO, M. LARANJO (Coimbra Chemistry Centre- Institute of Molecular Sciences (CQC-IMS), Department of Chemistry, University of Coimbra, Coimbra, Portugal)
- P177** Piano Technique for Frontal Sinus Setback: a Technical Note. G. GOLNAZ*, M. ETEMADI SH., T. FATTAHI (Faculty of Dentistry, Chulalongkorn University, Bangkok, Thailand, Bangkok, Thailand)
- P178** Dental Implant Success in High-Risk Patients: Preliminary Cohort Study Results. R. CAVIGLIOLI*, M. SIGLER, M. SCHULZ, S. BÖKE, B. LETHAUS, A. NAROS (Department of Oral and Maxillofacial Surgery, University Hospital Tübingen, Tübingen, Germany)
- SP180** Oral Dirofilaria as a Diagnostic Challenge in Dental Practice. A. KARKLE*, K. GARDOVSKA, I. AKOTA (Department of General Dentistry, Riga Stradins University, Riga, Latvia)
- SP181** Root Coverage With Free Gingival Graft: a 1-Year Follow-up. O. AKOVA*, Z.N. ÖNAY, Ö.B. AGRALI (Periodontology, Marmara University, Istanbul, Turkey)
- P182** Quality of Life Improvement Despite Reduced Function After Orthognathic Surgery. E.L. HICKSTEIN*, J. WILTFANG, M. GERLE, K. PUCHERT, S. SEN, J. SPILLE (Department of Oral and Maxillofacial Surgery, University Hospital Schleswig-Holstein, Kiel, Germany)

Poster Session 20 - Oral Medicine and Pathology, Salivary Research

Chairperson: J. Marques

- SP183** Impact of Local Pentoxifylline on Osteonecrosis Development and Quality-of-Life. A. POLIZZI*, E. JOVANOVA, A. ANGJELOVA, A. BELMONTE, G. ISOLA (Department of General Surgery and Surgical-Medical Specialties, University of Catania, Catania, Italy)
- SP184** Burning Mouth Syndrome and Psychotropic Medication: Clinical Associations in an Outpatient Sample. M. MACHETE*, L. PROENÇA, P. TRANCOSO, J. EVANGELISTA, A. AZUL, C. ZAGALO (Surgery and Oral Medicine, Egas Moniz School of Health & Science, Caparica, Caparica, Portugal)
- P185** Regulation of Metabolic Gene Expression by Periodontal Pathogens in FaDu Hypopharyngeal Squamous Cell Carcinoma Cells. D. GOPINATH*, B. SELVAKUMAR, P. SEKAR, M. MOHAMMED (Basic Medical and Dental Sciences, Ajman University, Ajman, United Arab Emirates)
- SP186** Oral Cancer Derived Extracellular Vesicles Regulate Keratinocyte Proliferation and Migration. A. SWAID*, J. PRICE, M. MILWARD, R. ABU-EID (School of Dentistry, University of Birmingham, Birmingham, UK, Birmingham, United Kingdom)
- P187** Autophagy Dysregulation in Oral Lichen Planus: a Tissue-Based Analysis. E. MAZZINELLI, C. LAJOLO, F. SCILLA, G. NOCCA* (Scienze Biotechnologiche di Base, Cliniche intensivologiche e perioperatorie, Università Cattolica del Sacro Cuore, Rome, Italy, Italy)
- SP188** Inflammatory Aspects of the Oral Mucosa in Severe Epidermolysis Bullosa. L. KROBEL DA CUNHA KIILL*, R. CORRÊA, J. DUTRA, L. LEAL, R. TORRELIO, W. BAUTZ, L. DE SOUZA (Dental Sciences Graduate Program, Federal University of Espírito Santo (UFES), Vitória - ES, Brazil)
- SP189** Integrative Explainable Artificial Intelligence and Metabolic Biomarker Analysis for Early Detection of Oral Squamous Cell Carcinoma. S. MANOGARAN*, R. RAMADOSS (Oral biology, Saveetha Dental college and Hospitals, Chennai, Tamil Nadu, India)



- SP190** Acquired Pellicle Proteomics: Effects of Periodontitis and Surface Topography. P. NUEVO*, L. VIRTO, M. MORENO, M. SANZ (ETEP Research Group, Faculty of Dentistry, Complutense University of Madrid, Madrid, Madrid, Spain)
- P191** Distribution of Myoepithelial Cells in Senescence-Accelerated Mouse Salivary Glands. R. IKEDA* (Department of Dental Hygiene, Nippon Dental University College at Tokyo, Tokyo, Japan)
- P192** Measurability of Soluble ACE2 Protein (sACE2) in Saliva. K. PEROS*, K. BAŠIĆ, I. ŠUTEJ (Department of Pharmacology, University of Zagreb School of Dental Medicine, Zagreb, Croatia)

Poster Session 21 - Periodontal Research: Diagnosis, Epidemiology, Pathogenesis

Chairperson: Z. Lohinai

- P193** Salivary Biomarkers are Associated With Stage and Grade of Periodontitis. A. SALMINEN*, A. RUOHTULA, E. SALASUO, P. MÄNTYLÄ, K. BUHLIN, L. LAHDENTAUSTA-SUOMALAINEN, J. SINISALO, S. PAJU, P. PUSSINEN (Department of Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)
- P194** Immunogenetic SNP Markers May Determine Periodontitis Susceptibility or Resistance. Z. LOHINAI*, K. RUKSAKIET, A. FÖLDES, M. LEVINE (Department of Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)
- SP195** Periodontitis Drives Peri-Implantitis: an Integrated Analysis. G.D. KUBILIUTE*, P. VAINIUS, I. STANKEVICIENE, A. PURIENE (Institute of Dentistry, Vilnius University, Vilnius, Lithuania)
- SP196** Clinical and Demographic Factors Affecting OHRQoL in Periodontitis Patients. N.H. EFEOLU*, E. YESILTAN, U. BASER, F. YALCIN (Department of Periodontology, Istanbul University, Faculty of Dentistry, Istanbul, Turkey)
- SP197** Ultrasound-Based Assessment of Peri-Implant Mucosal Thickness Using Artificial Intelligence. F.G.N. CHRISTLEVEN*, P. BROESSNER, N. PETROVA, S. WOLFART, K. RADERMACHER, J. MAROTTI (Division of Restorative Dentistry, Periodontology and Prosthodontics, Department of Dental Medicine and Oral Health, Medical University Graz, Graz, Austria)
- P198** Lower Expression of CCL24 and CCL13 in GCF in Smokers. H.R. ZEIN ELABDEEN, K.H. JENSEN, I. NUNES, S. HUFTHAMMER INDRELID, A. BLETSA, S. SULIMAN, D. BUNÆS, E. BERGGREEN* (Biomedicine, University of Bergen, Bergen, Norway, Norway)
- SP199** Comparative Biological Study on the Lymph-Associated Matrix-Information-System (MIS) Using the NGFR Antibody. L. CAND. MED. DENT. FUERSTBERGER*, J. CAND. MED. PHILIPPOU, S. PROF. DR. PHILIPPOU, W. UNIV.-PROF. DR. DR. GRIMM (Periodontology, University of Witten/Herdecke, Witten, NRW, Germany)
- SP200** Biological Significance of Lymph-Associated Matrix-Information-System (MIS) in Dental Tissues. J. CAND. MED. PHILIPPOU*, L. CAND. MED. DENT. FUERSTBERGER, S. PROF. DR. PHILIPPOU, W. UNIV.-PROF. DR. DR. GRIMM (Periodontology, University of Witten/Herdecke, Witten, NRW, Germany)
- SP348** The Association of Vitamin D With Periodontitis in Adult Patients. S. SIRWAN*, N. BERZINA (Faculty of Dentistry, Riga Stradins University, Riga, Latvia)

Poster Session 22 - Prosthodontics

Chairperson: T. Mirt

- P202** Clinical Performance of Lithium-Disilicate Restorations Using a Dual Cure Universal Adhesive. C. PENTELESCU*, L. ENGGIST, R. WATZKE, T. GLEBOVA, M. HU, L. EBERHARD, A. PESCHKE (Ivoclar Vivadent AG, Schaan, Liechtenstein)
- SP203** Restorative Approaches for Endodontically Treated Teeth: a Survey Among Dentists. F. VITTRUP SANDERHOFF OLSEN*, A. REIMANN, A. BENETTI, M. HOSSEINI, K. GOTFREDSEN, A. PEUTZFELDT (Department of Odontology, Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark)
- P204** Light Transmission and Scattering From Fiber Posts Affect Composite Curing. A.-M. LE BELL-RÖNNLÖF*, R. VARJUS, T. NÄRHI, P. VALLITTU, L. LASSILA (Department of Prosthetic Dentistry and Stomatognathic Physiology, University of Turku, Turku, Finland)
- P205** Single-Retainer Resin-Bonded Posterior Zirconia Bridges: Preparation Design Affecting Fracture Resistance. K. DUCK*, S. RUES, P. RAMMELSBERG, W. BÖMICKE (Department of Prosthetic Dentistry, Heidelberg University, Heidelberg, Baden-Württemberg, Germany)
- P206** Simulated-Preparation Volume Loss With Groove-Supplementation in No Rotational Resistance Form. E. BERGAMO, T. GIUGLIANO, J. BOWLEY* (Advanced Education Program in Prosthodontics, New York University College of Dentistry, New York City, New York, USA)
- P207** Fatigue Resistance of Pre-Sintered Co-Cr RPD Clasps. Y. KATO*, K. ITO, S. UZAWA, S. TAKEMOTO, A. TASAKA (Department of Removable Partial Prosthodontics, Tokyo Dental College, Chiyoda, Tokyo, Japan)



- P208** Fabricating Additively Manufactured Dentures Using Full-Arch Connected Prefabricated Artificial Teeth. M. RYU*, T. KOBAYASHI, M. OHTA, T. UEDA (Department of Removable Prosthodontics and Gerodontology, Tokyo Dental College, Tokyo, Japan)
- P209** Association Between Tooth Wear and Articular Eminence Morphology Among Americans. J. KRANJIC*, J. VUKSIC, A. CAREK, S. PERSIC, D. VOJVODIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- SP210** Preliminary Clinical Study of Two Root Canal Fiber Post Systems. E. PIHLAJAMÄKI*, E. KOSKINEN, T. NÄRHI, P. VALLITTU, J. BIJELIC-DONOVA, S. RIIVARI, A.-M. LE BELL-RÖNNLÖF (Department of Prosthetic and Stomatognathic Physiology, University of Turku, Turku, Finland)
- P211** Strategic Management of Human Resources in AI-Integrated Dental Laboratories. E. SOFIJANOVA, I. KOVACHEVSKA*, P. APOSTOLOSKI, K. ZLATANOVSKA, N. LONGUROVA, V. STOJMEANOVA, J. ZARKOVA ATANASOVA (Faculty of Medical Sciences, Goce Delcev University, Stip, North Macedonia, Shtip, Macedonia (the former Yugoslav Republic of))
- P212** Mechanical Properties of Cobalt–Chromium Alloys Fabricated by Laser Sintering Combined With Milling. A. KITAMURA*, N. ASAI, T. HAMADA, K. ITO, S. TAKEMOTO, A. TASAKA (Department of removable partial prosthodontics, Tokyo Dental College, Tokyo, Japan)
- SP213** Fracture Under Pressure: Aesthetic Indirect Restorations With Deep Margin Elevation. M. THEOCHAROUS*, D.-V. SANDU, G. SZABÓ, G. VARGA, P. HEGYI, B. KERÉMI, J. VAG, E. SZABÓ (Department of Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)

Poster Session 23 - Pulp Biology and Regeneration, Stem Cell Biology

Chairpersons: I. About and J. Simonovic

- SP214** One-Year Outcomes of Pulpotomy in Permanent Teeth With Irreversible Pulpitis. O. GONZALEZ-CASTRO*, V. FUENTES, N. ESCRIBANO, B. BARACCO, L. CEBALLOS, IDIBO RESEARCH GROUP. REY JUAN CARLOS UNIVERSITY. ALCORCÓN. MADRID. SPAIN (Universidad Rey Juan Carlos, Madrid, Spain)
- SP215** Staining of Dental Pulp Organoids to Study Induction Influence. N. SEKLER*, I. CARDON, E. OHLSSON, E. GERASIMOVA, I. PROTS, K. GALLER (Department of Conservative Dentistry and Periodontology, Dental Clinic 1, University Hospital Erlangen and Friedrich-Alexander-University Erlangen-Nürnberg, Erlangen, Germany)
- P216** LED Light Modulates Behavior of Dental Pulp Mesenchymal Stromal Cells. K. JANJIC*, H. SHOKOOHI-TABRIZI, O. ANDRUKHOV (University Clinic of Dentistry, Medical University of Vienna, Vienna, Austria)
- P219** Pain Perception and Patient Satisfaction After Pulpotomy for Irreversible Pulpitis. L. CEBALLOS*, O. GONZALEZ-CASTRO, N. ESCRIBANO, V. FUENTES (Universidad Rey Juan Carlos, Alcorcón, Madrid, Spain)
- SP220** Interdental Radiographic Bone Loss and Outcome of Non-Surgical Endodontic Retreatment. K. WINSNES*, M.T. DIEP, T. HANDAL (University of Oslo, Oslo, Norway)
- SP221** The Possibility of a JNK Inhibitor as a Novel Direct Pulp-Capping Material. Y. HUANG*, D. HASEGAWA, K. TASHITA, H. ZHAO, H. MAEDA (Department of Endodontology and Operative Dentistry, Faculty of Dental Science, Kyushu University, Fukuoka, Japan)
- P222** Establishing an Odontoblast-Sensory Neurons Co-Culture Model to Study Dental Pain. I. CARDON*, E. OHLSSON, I. PROTS, K. GALLER (Conservative Dentistry and Periodontology, University Hospital Erlangen, Erlangen, Germany)
- SP223** Survival of Endodontically Treated Teeth at Public Dental Service. M. VÄISÄNEN*, J. FURUHOLM, U. PALOTIE, B. TSEVEENJAV (Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)
- SP224** Young Bovine Teeth as Models for Pulp Stone Research. H. ELFARRAJ*, O. MARUSHCHENKO, F. LIZZI, L. BAUER, H. SHEMAH, I. MANTOUVALOU, P. ZASLANSKY (Department for Operative, Preventive and Pediatric Dentistry, Charité – Universitätsmedizin Berlin, Berlin, Berlin, Germany)
- SP225** Influence of a Multi-Functional Single Irrigation Solution on Intracanal Dentine. I. BAGO*, L. MERLO, R. KRAVAR, S. FLINČEC GRGAC, G. PLOTINO, D. GABRIĆ, G. GAMBARINI (School of Dental Medicine University of Zagreb, Zagreb, Croatia, Croatia)
- SP226** Profiling Dental Pulp Stem Cells Under Neural Crest De-Lineage Induction. J. ALHAMMOUD*, M. AUNE LEVOLL, O. MUSTAFA, N. AL-SHARABI, S. YAMADA (Clinical Dentistry, University of Bergen, Bergen, Norway)
- SP228** Synergistic Cytotoxicity in Continuous Chelation: Does Chelator Choice Matter?. J. BADNJAR, J. SIMONOVIC*, D. MITIC, A. JAKOVljeVIC, B. DZELETOVIC, L. DJUKIC (General and Oral Histology and Embryology, University of Belgrade, School of Dental Medicine, Belgrade, Serbia)



Poster Session 24 - Education Research

Chairperson: C. Bonifacio

- SP229** Career Preferences, Increasing Uncertainty During Dental Education in Türkiye. S. DEMİR ÇETİN*, A. SAT, S. ÖZEL YILDIZ, E. YILDIZ (Restorative Dentistry, Istanbul University Faculty of Dentistry, Fatih, İstanbul, Turkey)
- SP231** Realistic Simulationmodels: Interdisciplinary Competency Development in Modern Public Health Dentistry. M. ALI-MOHAMMADI*, F.-J. FABER, V. CHMIEL, A. LIEBERMANN, M.G. DI GREGORIO (Department of Prosthodontics, University of Cologne, Cologne, Germany)
- P233** Digital Reception in Dental Practices: Baseline Analysis of Communication Workflows. M. RETZLAFF*, O. SCHIERZ (Department of Prosthetic Dentistry and Materials Science, Medical University of Rostock, Rostock, Germany)

Friday, 04 September 2026, 9:00 - 12:30

Room 8 - Glicinia Quartin

Consensus Meeting Diagnostic Criteria for Tooth Wear - Upon invitation only

Friday, 04 September 2026, 10:00- 10:30

Coffee Break, Exhibition Area

Friday, 04 September 2026, 10:30 - 12:30

Room 7 - Sophia De Mello Breyner

Symposium: Early Caries Management – A Paradigm Shift Through WHO Policy, MIOC Clinical Practice, and Biomimetic Technologies (Supported by Vvardis)

Chairperson: M. Özcan

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| O172 | 10:30 | Minimum Intervention Oral Care (MIOC): Translation Into Chairside Practice. A. BANERJEE* (King's College, London, United Kingdom) |
| O173 | 11:05 | Biomimetic Science: Clinical Validation in Early Caries. I. KREJCI* (University of Geneva, Geneva, Switzerland) |
| O171 | 11:40 | Policy and Sustainability Drivers in Early Caries Management. J. FISHER* (University of Pennsylvania, Philadelphia, Pennsylvania, USA) |
| | 12:15 | Discussion. |



Friday, 04 September 2026, 10:30 - 12:30

Room 6 - Almada Negeiros

Symposium: The Zirconia Connection: Adhesion, Interface and Characterization
(Supported by Ivoclar Vivadent AG)

Chairperson: M. Nobre

O174	10:30	The Chemistry of Confidence: Making Adhesive Bonding of Zirconia Predictable. T. BOCK* (R&D Organic Chemistry, Ivoclar Vivadent AG, Liechtenstein, Liechtenstein)
O175	11:05	Resin-Bonded Fixed Dental Prostheses: From Laboratory to Clinical Application. S. RUES* (Dental Materials Section Department of Prosthetic Dentistry Medial Faculty, Heidelberg University, Heidelberg, Germany)
O176	11:40	Full-Arch Immediate-Function Rehabilitation With Tilted Implants: Clinical and Scientific Insights From a Protocol With 25 Years' Success. M.D.A. NOBRE* (Research & Development, Education & Oral Hygiene, Malo Clinic, Lisbon, Portugal)
O176	12:00	Full-Arch Immediate-Function Rehabilitation With Tilted Implants: Clinical and Scientific Insights From a Protocol With 25 Years' Success. C. MOURA GUEDES* (Malo Clinic, Porto, Portugal)
	12:20	Discussion.

Friday, 04 September 2026, 10:30 - 12:30

Room 1 - Luis de Freitas Branco

Oral Session 22 - Periodontal Research: Pathogenesis and Diagnosis II

Chairpersons: C. Cantiga and A. Kroeger

O178	10:30	Artificial Intelligence Enhances Classification of Periodontal and Metabolic Disease Phenotypes. R. SCAREL-CAMINAGA*, F. ISNALDO DIAS CALDEIRA, R. SILVA, M. MARTELLI, I. NICCHIO, J. CIRELLI, F. LEITE, S. ORRICO (Department of Morphology, Genetics, Orthodontics and Pediatric Dentistry, UNESP - São Paulo State University, School of Dentistry at Araraquara, Araraquara, São Paulo, Brazil)
O179	10:45	Salivary and Serum Biomarker Panels Predict Alzheimer's Disease. B. DOGAN*, N. GÖRGÜLÜ, D. OZTURK, I. MIDI, S. ANTONSON (Department of Periodontology, Marmara University, Faculty of Dentistry, Istanbul, Turkey)
O180	11:00	PICF MiRNAs Provide Insight Into Peri-Implantitis Pathogenesis. A. PūRIENĖ*, B. BURAGAITE-STAPONKIENE, I. SADZEVICIENE, G.D. KUBILIUTE, P. VAINIUS, S. JARMALAITA (Institute of Dentistry, Vilnius University, Vilnius, Lithuania)
SO181	11:15	Estradiol Concentration-Dependent Effects on Gingival Fibroblast Proliferation. C. CANTIGA*, J. GARCÍA ATALAYA, A. FVTARILONTE, D. LENDINES-CORDERO, A. SIMON-SORO (Faculty of Dentistry, Universidad de Sevilla, Sevilla, Sevilla, Spain)
O182	11:30	Two Distinct Mechanisms Govern MiRNA Regulation in Peri-Implantitis Tissue. A. KROEGER*, S. FICKL, T. SPINELL, P. HOFFMANN, N. ENKLING, S. RENVERT, F. SCHWARZ, R. DEMMER, P. PAPAPANOU, S. JEPSEN, M. KESCHULL (Department of Dentistry, University of Birmingham, Birmingham, United Kingdom)
SO183	11:45	Oral Porphyromonas Gingivalis Increases Odds of Its Cardiovascular Tissue Detection. C. KELLY*, E. SZABÓ, Y. AL-MOHAMMAD, M. ENGH, B. SZENTES, M. KIVOIVICS, G. VARGA, P. HEGYI, B. KEREMI, Z. LOHINAI (Centre for Translational Medicine, Semmelweis University, Budapest, Hungary)
O184	12:00	The Pregnancy "Blind Spot": Maternal Awareness and Oral Health Behaviors Regarding Periodontal Risks in Morocco. A. HBIBI* (Department of Periodontology,, International Faculty of Dental Medicine, Sciences Research Center (CReSS), College of Health Sciences, International University of Rabat, Rabat, Rabat, Morocco)
	12:15	Discussion



Friday, 04 September 2026, 10:30 - 12:30

Room 13 - Amalia Rodrigues Room

Oral Session 23 - Microbiology/Immunology II

Chairpersons: A. Kazarina and V. Shyp

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| SO185 | 10:30 | Infection Control Using Electrolyzed Saline: Preventing Microbial Transmission in Dental Spray. H. MUNJAKOVIC*, T. MIKULETIČ, M. MERHAR, N. ZAYED, M. KOLENC, D. MANEVSKI, T. TRIGLAV, A. FIDLER, W. TEUGHEL, K. SEME, R. GAŠPERŠIČ (Department of Oral Medicine and Periodontology, University Medical Centre Ljubljana, Ljubljana, Slovenia) |
| SO186 | 10:45 | TL1A/DR3 Axis Drives Immune Amplification and Bone Loss in Periodontitis. S. DI NICOLANTONIO*, M.R. MIRANDA, A. GOMEZ-NGUYEN, D. PIETROPAOLI, A. MONACO, P. MENGHINI, F. COMINELLI (Department of Gastroenterology, Case western Reserve University, Cleveland, Ohio, USA) |
| SO187 | 11:00 | Poloxamer Hydrogel for Bacteriophage Delivery in Peri-Implantitis: Proof of Concept. A. FRANTAR*, K. ŠUSTER, K. SEME, R. GAŠPERŠIČ, Č. OBLAK (Department of Prosthodontics, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia) |
| O188 | 11:15 | Comparing Chlorhexidine and Coriandrum Sativum Essential Oil Mouthwash in Periodontitis. A. KAZARINA*, A. VAŠKEVICA, D.E. EMULINA, P. ZAYAKIN, S. HUSCA, V. PIRSKO, L. SOKOLOVSKA, N. SERGEJEVA, I. NAKURTE, L. PASTARE, S. RUHL (Riga Stradins University, Riga, Latvia) |
| O189 | 11:30 | Stress Signaling Drives Streptococcus Mutans Antagonism Against Streptococcus Sanguinis. J. KNEUBÜHLER, T. BOCK, M. BORNSTEIN, V. SHYP* (Department of Research, University Center for Dental Medicine Basel UZB, University of Basel, Basel, Switzerland) |
| SO190 | 11:45 | Novel Transcriptomic Findings Describing Prevotella Intermedia's Adaptive Virulence. V. NISSILÄ*, U. GÜRSOY, M. GÜRSOY (Institute of Dentistry, University of Turku, Turku, Finland) |
| O191 | 12:00 | Oral Microbial Resilience and Adaptation to Estradiol Surges. M. RUS, J. LYNCH, A. MARCOS, T. DO, D. ALARCÓN-ALARCÓN, J.M. NAVARRO-PANDO, A. SIMON-SORO* (Department of Stomatology, Faculty of Dentistry, University of Seville, Seville, Spain) |
| O192 | 12:15 | Proteomics Benchmarks Macrophage Models for Oral Implant Immunology. L. MOHAMMADNEJAD*, M.A. JARBOUI, W. ZAFIRA, F. RUPP, S. KRAJEWSKI (Department of Medical Materials Science & Technology, Institute of Biomedical Engineering, University Hospital Tuebingen, Tuebingen, Germany) |

Friday, 04 September 2026, 10:30 - 12:30

Room 5 - Fernando Pessoa Room

Oral Session 24 - Dental Materials: Biocompatibility, Bioengineering and Biologic Effects II

Chairpersons: M. Bota and I. Bugueno Valdebenito

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| SO193 | 10:30 | Fatigue Behavior and Crack Initiation Near the Cemento-Dentine Junction. A. KAMAL MAHGOUB ALI*, M. CARSTENS, A. BLOND, S. PARIS, P. ZASLANSKY, C. FLECK (Chair of Materials Science & Engineering/Fachgebiet Werkstofftechnik, Technische Universität Berlin, Berlin, Berlin, Germany) |
| SO194 | 10:45 | Biofilm Formation on Phosphorylcholine-Modified 3D-Printed Dental Resin. V. TURGUT*, G.N. ÇAKIR YAZICI, E. SACU, E. YAZICI, F. KOLAYLI, N. TEKCE (Restorative Dentistry, Kocaeli University, Kocaeli, Turkey) |
| O195 | 11:00 | In-Vitro Cytotoxicity of BisGMA-, TEGDMA- and HEMA-Free Resin Composites. I. NEDELJKOVIC*, B. ZANDIEH DOULABI, M. OSIEWICZ, Y. BLOK, C. KLEVERLAAN (Academic Centre for Dentistry Amsterdam (ACTA), University of Amsterdam and Vrije Universiteit Amsterdam, Utrecht, Netherlands, Netherlands) |
| SO196 | 11:15 | Fluoride Ion Release Capability of a Novel Resin-Modified Glass Hybrid Restorative Material. M. BOTA*, I. SALINOVIC, M. BILIC-PRCIC, A. IONESCU, I. MILETIC (Department of Endodontics and Restorative Dentistry, University of Zagreb, School of Dental Medicine, Zagreb, Croatia) |
| O197 | 11:30 | Fluoroapatite Nano-Coated PLGA Enhances DPSC Function and Compatibility in 2D and 3D Cultures. I. BUGUENO VALDEBENITO*, S. RAOUF, V. PLATANIA, I. LYSOVA, A. LAMPOROU, D. BAKR, M. ÖZCAN (Institute of Oral Biology - Orofacial Development & Regeneration Unit, University of Zurich - Center for Dental Medicine (ZZM), Zurich, Switzerland) |



SO199	11:45	Meso-Scale Modifications in Additively Manufactured Zirconia: Influence on Cell-Material Interactions. S. HETZLER*, S. RUES, A. ZENTHÖFER, P. RAMMELSBERG, R. KÜHLE, C. LUX, R. ERBER, C. ROSER (Heidelberg University, Heidelberg, Germany)
SO200	12:00	From Bubbles to Bone : Effervescent Hydrogels Driving Periosteum-Derived Cell Recruitment. R. IASIO*, S. ROUMANI, M. PITHIOUX, C. JEANNEAU, I. ABOUT (Centre National de la Recherche Scientifique, Institut des Sciences du Mouvement, UMR 7287, Aix Marseille Université, Marseille, France)
	12:15	Discussion.

Friday, 04 September 2026, 10:30 - 12:30

Oral Session , Room 9 - Maria Helena Vieira da Silva Room

Oral Session 25 - Oral Health, Education and Health Services Research

Chairpersons: A. Baptista and M. Saghi

O201	10:30	AI Chatbots vs Dentists in Temporomandibular Disorders Diagnosis & Initial Treatment. M. AYATA, R. ERASLAN*, T. OZTURK, E. SOYLU (Department of Prosthodontics, Erciyes University, Kayseri, Turkey)
SO202	10:45	Assessing Dento-Facial Aesthetic Perception in Clinical vs. Preclinical Dental Students. M.S. SIMON*, H. COLOSI, A. GRECU, D. DUDEA (Department of Dental Propaedeutics and Aesthetics., Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Cluj, Romania)
SO203	11:00	Molar-Incisor Hypomineralisation in the Finnish Adult Population. R. KOPRA*, T. TANNER, M.-L. LAITALA, V. VUOLLO (Research Unit of Population Health, University of Oulu, Oulu, Finland)
O204	11:15	Typology Helps Pinpointing Gaps Between Coverage and Financing. L. FREY-FURTADO*, L. SCHÖNER, P. DE MELO, K. ACHSTETTER, B. DURVY, S. LITL, R. BUSSE, M.L. PEREIRA, R. WAITZBERG (Faculdade de Medicina Dentária, Universidade do Porto, Porto, Portugal)
SO205	11:30	Oral Care Barriers Persist in Long-Term Care Staff. A. BAPTISTA*, S. GAVINHA, M. MANSO, CONCEPTUALIZATION, A.B., S.G. AND M.C.M.; METHODOLOGY, A.B., S.G. AND M.C.M.; VALIDATION, A.B., S.G. AND M.C.M.; FORMAL ANALYSIS, A.B., S.G. AND M.C.M.; INVESTIGATION, A.B.; RESOURCES, A.B., S.G. AND M.C.M.; DATA CURATION, A.B., S.G. AND M.C.M.; WRITING—ORIGINAL DRAFT PREPARATION, A.B., S.G. AND M.C.M.; WRITING—REVIEW AND EDITING, A.B., S.G. AND M.C.M.; VISUALIZATION, A.B., S.G. AND M.C.M.; SUPERVISION, S.G. AND M.C.M.; PROJECT ADMINISTRATION, A.B., S.G. AND M.C.M.; FUNDING ACQUISITION, A.B. ALL AUTHORS HAVE READ AND AGREED TO THE PUBLISHED VERSION OF THE MANUSCRIPT. (Health Sciences Faculty, University Fernando Pessoa, Porto, Portugal)
SO206	11:45	Probiotic Dry Mucoadhesive Gel for Oral Health Applications. M. SAGHI*, W. VAN HOLM, N. ZAYED, N. BOON, K. BERNAERTS, A. AL-AHMAD, F. CIEPLIK, W. TEUGHEL (Department of Oral Health Sciences, KU Leuven, Leuven, Belgium)
SO207	12:00	NETs: the Link Between Periodontal Disease and Heart Conditions. G. TETÈ*, M. SANTILLI, F. PROFILI, A. TROFIMOV, S. CAPUTI, B. SINJARI (Leonardo Da vinci University, Chieti, Italy)
SO343	12:15	Development of Tooth-Replicas for Standard Testing of Dental Hydraulic Cements. D. ABDULLAH*, J. CAMILLERI (Dentistry, College of Medicine and Health, University of Birmingham, Birmingham, United Kingdom)

Friday, 04 September 2026, 12:30 – 13:45

Lunch, Exhibition Area

Friday, 04 September 2026, 12:30 – 13:30

Room 9 - Maria Helena Vieira da Silva Room

CED-IADR General Assembly - For CED-IADR members upon invitation only



Friday, 04 September 2026, 12:30 – 13:30

Room 3 - Jorge de Sena Room

Meet The Mentor - After Registration, Supported by Colgate

Friday, 04 September 2026, 13:30 – 15:30

Room 6 - Almada Negeiros

Symposium: Management of Tooth Wear anno 2026 (Supported by GC EUROPE)

Chairperson: B. Loomans

0209	13:30	Predicting, Preventing and Planning Tooth Wear: Insights From Longitudinal Research. B. LOOMANS* (UMC Radboud University, Nijmegen, Netherlands)
0210	14:05	Aesthetic and Functional Management of Tooth Wear Using Direct Composite Techniques. M. PEUMANS* (KU Leuven, Leuven, Belgium)
0211	14:40	Indirect Restorations in the Management of Tooth Wear – Scientific Rationale and Clinical Decision-Making. K. KARAGIANNOPOULOS* (University College London, London, United Kingdom)
	15:15	Discussion

Friday, 04 September 2026, 13:30-15:30

Room 7 - Sophia De Mello Breyner

Symposium: Translation of Treatment Workflows for MIH Lesions into Daily Practice (Supported by DMG)

Chairperson: A. Bühle Borges

0212	13:30	Developmental Defects of Enamel - Clinical Features and Diagnostic Approaches. K. BEKES* (Department of Paediatric Dentistry, Medical University of Vienna, Vienna, Austria)
0213	14:05	Infiltration Monitoring by Transillumination: Enhancing Esthetic Predictability. C. ROCHA GOMMES TORRES* (Department of Restorative Dentistry, Sao Paulo State University -UNESP, Sao Jose dos Campos, Brazil, Brazil)
0214	14:40	Restoring Confidence: Advanced MIH Therapy in Anterior Teeth Through Stepwise, Minimally Invasive Approaches and Refined Expectation Management. S. EFFENBERGER* (Department of Conservative Dentistry, Periodontology and Digital Dentistry, LMU University Hospital, Munich, Germany)
	15:15	Discussion

Friday, 04 September 2026, 13:30 – 15:30

Room 1 - Luis de Freitas Branco

Oral Session 26 - Implantology

Chairpersons: K. Gurzawska-Comis and W. Jacobs

0215	13:30	Determinants of Primary Implant Stability: a Study of 5,641 Implants. Z. MUHAMMAD, W. PALIN, N. HASSFURTHER, N. HASSFURTHER, U. SCHULZE-SPAETE, T. DIETRICH* (School of Dentistry, University of Birmingham, Birmingham, West Midlands, United Kingdom)
SO216	13:45	Blood Interaction With Hierarchy-Textured Zirconia for Implant Fixtures. W. JACOBS*, M. CHABANEL, F. ZHANG, S. CASTAGNE, K. VAN LANDUYT, B. VAN MEERBEEK, S. ČOKIĆ (KU Leuven, Department of Oral Health Sciences, BIOMAT & UZ Leuven, Dentistry, Leuven, Belgium)



SO217	14:00	Tissue-Engineered 3D-Organoid Reproduces Bone-Implant Interface Better Than 2D Cell-Culture. J. LIU*, K. IOANNIDIS, W. JACOBS, I. PAPANTONIOU, B. VAN MEERBEEK, S. ČOKIĆ (KU Leuven, Department of Oral Health Sciences, BIOMAT & UZ Leuven, Dentistry, Leuven, Belgium)
SO218	14:15	Implant–Abutment Design Induces Preload-Related Bone Stress. S.M. SCHNEIDER*, A. HÄGER, H. RUDOLPH (Institute for Medical Technology and Mechatronics, Ulm University of Applied Sciences, Ulm, Germany)
O219	14:30	GreenNanoBone – Innovative and Sustainable Biomaterials for Cancer Patients. K. GURZAWSKA-COMIS*, J. BATHE, A. SECEROVIC, B. JØRGENSEN, G. MIKLOSIC, GREENNANOBONE CONSORTIUM (Dentistry and Oral Health, Section for Oral and Maxillofacial Surgery and Oral Pathology, Aarhus University, Aarhus, Denmark)
O220	14:45	Clinical and Radiographic Outcomes Using Two Different Xenografts in Socket Augmentation. M. TOLEDANO-OSORIO*, C. VALLECILLO, M. TOLEDANO, R. OSORIO, M. VALLECILLO-RIVAS (University of Granada, Granada, Spain)
SO221	15:00	3-mm Ultrashort Implants in Atrophic Posterior Maxilla. N.G. ARMOGIDA*, E. CALABRIA, A. ANTONELLI, R. GASPARRO, G. SPAGNUOLO, E. CALABRIA (University of Naples Federico II, Naples, Italy)
	15:15	Discussion

Friday, 04 September 2026, 13:30 – 15:30

Room 13 - Amalia Rodrigues Room

Oral Session 27 - Oral Medicine, Salivary Research and Health Outcomes

Chairpersons: M. Mutahar and S. Ruhl

SO223	13:30	HPV Cytobrush Detection in Oral Papillomas: a Prospective Observational Study. N. MACRIPÒ*, B. BARONE, L. ROSELLI, A. CAGGIULA, D. DE FALCO, M. PETRUZZI (University of Bari, Bari, Italy)
SO224	13:45	Shorter Burning Mouth Syndrome Duration Yields Better Long-Term Remission Outcomes. B. SPIJAK*, L. ŠIMUNOVIĆ, N. TREISTER, I. ALAJBEG, Y. BOUCHER, I. ALAJBEG (Department of Oral Medicine, University of Zagreb School of Dental Medicine, Zagreb, Croatia)
SO225	14:00	Jawbone Sarcomas in Lithuania: Epidemiologic and Survival Patterns. D. BLAZYS*, G. SMAILYTE, L. ZALECKAS, I. STANKEVICIENE, I. KARNAS, A. PURIENE (Institute of Dentistry, Faculty of Medicine, Vilnius University, Vilnius, Lithuania)
O226	14:15	Chlorhexidine Mouthwash Differentially Affects Salivary Proteomics in Dental Erosion. M. MUTAHAR*, J. HOUGHTON, N. AL-SHARABI, T. SAN, D. PICCOLO, S. SHARMA, M. PERISSIOU, M. ROLDO, A. SHEPHERD (School of Dental, Health and Care Professions, Univeristy of Portsmouth, Portsmouth, Hampshire, United Kingdom)
O227	14:30	Salivary Gland Secretomes of Humans and Mice Differ Profoundly. L. LANDAU, S. JAIN, N. GRIFFIN, A. SAIKIA, J. KRAMER, S. KNOX, O. GOKCUMEN, S. RUHL* (Oral Biology, University at Buffalo School of Dental Medicine, Buffalo, New York, USA)
O228	14:45	Participatory Study on Caregiver Perspectives of Oral Health in Mowat–Wilson Syndrome. C. SALERNO*, S. CIRIO, A. ALLAM, A. BALIAN, M.G. CAGETTI (Department of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy)
SO229	15:00	Salivary Flow and Periodontal Status in Sjögren's and Menopause. A. FVTARILONTE*, A. GANDARA ALVAREZ, M. RUS, C. CANTIGA, V. MOREIRA NAVARRETE, C. LOPEZ-MARTIN, J.J. PEREZ VENEGAS, A. SIMON-SORO (University of Seville, Faculty of Dentistry, Seville, Spain)
SO230	15:15	Psychological Distress as a Predictor of Botulinum Toxin Treatment Success. C. LENNARTSSON*, E. SAGHAFI, B. ÖHRNELL MALEKZADEH, P. ALSTERGREN, B. JOHANSSON CAHLIN (Department of Orofacial Pain, Institute of Odontology, Göteborg, Sweden)



Friday, 04 September 2026, 13:30 – 15:30

Room 5 - Fernando Pessoa Room

Oral Session 28 - Oral Health Research and Evidence-based Dentistry

Chairpersons: L. Audrey Rocha Valadas and R. Torres

SO232	13:30	Associations of Physical Activity and Sleep Quality With Temporomandibular Disorders. N. KAKKO*, M. NIEMELÄ, A.-M. LEINONEN, R. KORPELAINEN, K. SIPIÄ (Research Unit of Population Health, Faculty of Medicine, University of Oulu, Oulu, Finland)
O233	13:45	Baseline Oral Health Affects Infectious Complications and Mortality in Patients Receiving Chemotherapy. C. BUMM*, C. WETZEL, C. DONATH, J. RAU, F. SCHWENDICKE, V. PITCHIKA, M. FOLWACZNY, N. WERNER (Conservative Dentistry, Periodontology and Digital Dentistry, University Hospital, LMU Munich, Munich, Germany)
SO234	14:00	Psychometric Validation of the French Dentine Hypersensitivity Experience Questionnaire. Q. VICTOIRE*, M. LAURA, K. OLIVIA, C. VIRGINIE, G. MARIE AGNÈS, V. CYRIL, P. BRUNO, D. SOPHIE (UFR d'odontologie de Clermont-Ferrand ; Centre de Recherche en Odontologie Clinique EA 4847 ; CHU Estaing, Clermont Ferrand, France)
SO235	14:15	Structural Characteristics of Orthodontic Systematic Review Search Strategies. R. TORRES*, M.A. MOTTA, B. KAUER, L. SQUEFF (Universidade Federal de Pelotas, Pelotas, Brazil)
SO236	14:30	Bibliometric Analysis of the 100 Most-Cited Systematic Reviews and Meta-Analyses in Dentistry. S. SAVAS, S.D. BAYGIN*, E. KUCUKYILMAZ IZGI (Department of Pediatric Dentistry, Izmir Katip Celebi University, Faculty of Dentistry, Izmir, Turkey)
SO237	14:45	Fluoride Exposure Windows and Dental Caries in Irish Adults. V. SHARMA*, L. ZGAGA, B. O'CONNELL, L. WINNING, M. O'SULLIVAN, C. TAUT, S. SCARLET, O. CASSETTI, M. CROWE (Dublin Dental University Hospital, Trinity College Dublin, Dublin, Ireland)
O238	15:00	Geographical Influence on Fluoride Levels in South American Yerba-Mate Infusions. L. AUDREY ROCHA VALADAS*, A. SQUASSI (Universidad de Buenos Aires, Buenos Aires, Argentina)
	15:15	Discussion

Friday, 04 September 2026, 13:30 – 15:30

Room 9 - Maria Helena Vieira da Silva Room

Oral Session 29 - Periodontal Research: Therapy and Diagnosis III

Chairpersons: M. Asparuhova and A. Sculean

O239	13:30	Treatment of Single and Multiple Mandibular Lingual Recessions. A. SCULEAN*, R. COSGAREA, C. NICA, E. ALLEN (Periodontology, University of Bern, Bern, Switzerland)
O240	13:45	Mechanism of Regulation of Re-Epithelialization by Connective Tissue Graft-Derived Fibroblasts. M. ASPARUHOVA*, X. SONG, A. SCULEAN (Department of Periodontology, University of Bern, Bern, Switzerland)
SO241	14:00	QR-01 Peptide Modulates Inflammation and Bone Loss in Rat Periodontitis. A. MATEOS HERRERO*, L. VIRTO, M. MARTÍNEZ, J.D. GAMONAL, J.M. RIOS, D. BASA, J. BUENO, N. AMBROSIO, M.J. MARÍN, E. FIGUERO, M. SANZ (ETEP Research Group, Faculty of Dentistry, Complutense University of Madrid, Madrid, MADRID, Spain)
SO242	14:15	Random Forest Identifies Metabolic Signatures Driving Periodontal Response in DM2. F. ISNALDO DIAS CALDEIRA*, R. SILVA, M. MARTELLI, I. NICCHIO, S. ORRICO, F. LEITE, R. SCAREL-CAMINAGA (Department of Diagnosis and Surgery, School of Dentistry at Araraquara, São Paulo State University, Araraquara, São Paulo, Brazil)
O245	14:30	Profiling the Salivary Microbiome in Periodontitis and Myocardial Infarction. R. LIRA-JUNIOR*, L. MANOHARAN, A. NORHAMMAR, A. GUSTAFSSON (Dental Medicine, Karolinska Institutet, Stockholm, Sweden)
SO246	14:45	Dental Anxiety Levels Differ Significantly by Gender in Adults: a Preliminary Report. S. SENUYSAL*, B. BOZOKLU, D. YAMAN (Periodontology, Istanbul University-Institute of Health Sciences, Kadikoy, İstanbul, Turkey)
	15:00	Discussion



Friday, 04 September 2026, 15:30 – 16:00

Coffee Break, Exhibition Area

Friday, 04 September 2026, 16:00 – 18:00

Room 6 - Almada Negeiros

**Symposium: From Association to Causation: Rethinking Oral Health Evidence for Global Impact
(Supported by the University of Egas Moniz)**

Chairperson: J. Botelho

O247	16:00	Causal Inference in Oral Health Research: Methods, Pitfalls, and Clinical Relevance. G.G. NASCIMENTO* (University of Utah, Salt Lake City, Utah, USA)
O248	16:35	Testing Causality in Oral and Systemic Health: Evidence, Challenges, and Clinical Implications. J. BOTELHO* (Egas Moniz School of Health and Science, Lisbon, Portugal)
O249	17:10	From Evidence to Policy: Translating Oral Health Research Into Public Health Action. F. LEITE* (University of Utah, Salt Lake City, Utah, USA)
	17:45	Discussion.

Friday, 04 September 2026, 16:00 - 18:00

Room 7 - Sophia De Mello Breyner

**Symposium: Oral Antiseptics in Dentistry: Bridging Industry, Microbiology and Clinical Practice
(Supported by DENTAID)**

Chairperson: E. Figuero

	16:00	Opening and Introduction.
O250	16:05	Use of Oral Antiseptics in Periodontology: What, When, and How According to Clinical Practice Guideline. E. FIGUERO* (Complutense University of Madrid (UCM), Madrid, Spain)
O251	16:25	From Guidelines to Patient Behaviour: Evidence-Based Strategies to Improve Adherence in Periodontal Care. J. SUVAN* (University of Glasgow, Glasgow, United Kingdom)
O252	16:45	Oral Antiseptics Impact on Microbiome: Facts, Myths, and Future Concerns. F. CIEPLIK* (Department of Operative Dentistry and Periodontology, Medical Center of the University of Freiburg, Freiburg, Germany)
O253	17:05	From Oral Antiseptic Research to Next-Generation Dental Care: Towards Selective Antisepsis. V. BLANC PHD* (Translational Science Department, DENTAID Research Center, Barcelona, Spain)
	17:25	Round-table discussion.



Friday, 04 September 2026, 16:00 – 17:00

Room 1 - Luis de Freitas Branco

**Keynote Lecture: Calcium Silicate Cements as Restorative Materials: The Bio-Bulk Fill Approach
(Supported by Septodont)**

Chairperson: I. About

O254	16:00	Calcium Silicate Cements as Restorative Materials: the Bio-Bulk Fill Approach. A. ATMEH* (Hamdan Bin Mohammed College of Dental Medicine, Dubai, United Arab Emirates)
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Friday, 04 September 2026, 17:00 – 18:00

Room 1 - Luis de Freitas Branco

Keynote Lecture: PRGF: from Bench to Bedside (Supported by BTI)

O255	17:00	PRGF: From Bench to Bedside. Y. LEIRA* (Miguel Servet Researcher (Clinical Neurosciences Research Laboratory,, Health Research Institute of Santiago de Compostela, Santiago de Compostella, Spain)
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Friday, 04 September 2026, 16:00 – 18:00

Room 13 - Amalia Rodrigues Room

Oral Session 30 - Prosthodontic Esthetics, Implants and Cariology

Chairpersons: M. Dolci and Y. Korkmaz Ceyhan

O256	16:00	Microcirculation Changes After Immediate Implantation With Customized Zirconia Healing Abutments. E. MOLNÁR*, B. MIKECS, B. MOLNÁR, P. TAJTI, P.J. VARGA, Á.L. OLASZ, I. PEDRINACI, P. HERMANN, J. VAG, G. GALLUCCI, K. MIKULÁS (Department of Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)
SO257	16:00	Surface Finishing Determines the Surface Properties of 3D-Printed Splint Resin. I. TÜRKER KADER, E. KARACAN*, B. KURSOĞLU, P. KURSOĞLU (Department of Prosthodontics, Yeditepe University Faculty of Dentistry, Istanbul, Turkey)
SO258	16:15	Seven-Year Prospective Evaluation of Implant-Supported Overdentures Retained With Milled Bars. R.L. SAJKO*, T. PLANKO, T. MIRT, M. KUJAR, L. PRODNIK, T. MALGAJ, P. JEVNIKAR (Department of Prosthodontics, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia)
SO259	16:45	Four-Year RCT on Novel Stud-Attachment Implant-Supported Prostheses Evaluation. B. DOLENEC*, T. MALGAJ, T. MIRT, U. BOGATAJ, R. KOSTANJŠEK, P. JEVNIKAR (Department of Prosthodontics, Faculty of Medicine, University of Ljubljana, Ljubljana, Slovenia)
SO260	17:00	Effects of Modeling Liquid on Surface Properties of Single-Shade Composites. C. DASKIN DURSUN*, G. BULUT EYUBOGLU, L. DEVLETLI OZYIGIT, T. SERIN KALAY (Restorative Dentistry, Karadeniz Technical University, Trabzon, Turkey)
SO261	17:15	Self-Gelling 38% Hydrogen Peroxide in-Office Bleaching System: Clinical Efficacy and Patient Experience. S. D'AGOSTINO, M. DOLCI* (Dept of Medical, Oral and Biotechnological Sciences, University G. d'Annunzio, Chieti, Italy)
O262	17:30	Aging-Dependent Changes in Translucency of Different Restorative Materials. Y. KORKMAZ CEYHAN*, P. CEVIK, M. BERKMAN, Y. SESEN USLU, T. TOZ AKALIN (Restorative Dentistry and Prosthodontics, University of Texas, School of Dentistry, HOUSTON, Texas, USA)
SO263	17:45	Outcomes of Single-Visit LSTR in Necrotic Primary Molars. M. SAYAR KOKCI*, G. TOSUN (Department of Pediatric Dentistry, Selcuk University, Konya, Turkey)



Friday, 04 September 2026, 16:00 - 18:00

Room 9 - Maria Helena Vieira da Silva Room

Oral Session 31 - Dental Materials: Ceramic, Polymer-based and Adhesive Materials

Chairpersons: S. Zarkovic Gjurin and S. Čokić

SO264	16:00	Mimicking Nature Through Multilayered Scaffolds for Tooth Root Regeneration. A. ALEXANDRIDIS*, E. KOOS, J. VLEUGELS, A. MIGNON, R. JACOBS, M. EZELDEEN, A. BRAEM (Materials Engineering, KU Leuven, Leuven, Belgium)
SO265	16:15	Color Infiltration and Color Stability of 3D-Printed Zirconia. W. LI*, A. ZENTHÖFER, S. HETZLER, K. RICHTER, S. RUES, N. CORCODEL (Heidelberg University, Heidelberg, Germany)
SO266	16:30	Evaluating the Fracture Strength of Different CAD/CAM Materials on Occlusal Veneers. C. BASERDEM*, B. ARSLANDAS DINÇTÜRK, C. KEDICI ALP, M.B. UCTASLI, S. GAROUSHI, L. LASSILA (Restorative Dentistry, Gazi University, Ankara, Turkey)
SO267	16:45	Crown Material Influences Fracture Resistance of Y-TZP Narrow Dental Implants. S. ZARKOVIC GJURIN*, R. KOHAL, Č. OBLAK, T. MIRT, T. MALGAJ (Department of Prosthodontics, Faculty of Medicine, Division of Dental Medicine, University of Ljubljana, Ljubljana, Slovenia)
O268	17:00	Wear Behaviour of Hydrothermally Aged Multilayer Zirconia Ceramics. S. ČOKIĆ*, J. VLEUGELS, B. VAN MEERBEEK, F. ZHANG (Department of Oral Health Sciences, BIOMAT, Dentistry, KU Leuven, Leuven, Belgium)
SO269	17:15	Does Pre-Heating Influence Hydrolytic Properties of Bulk-Fill Bis-GMA Composites?. I.N. ÇALISKAN*, G. OZAN, H. SAR SANCAKLI (Restorative Dentistry Department, Istanbul University Health Institute Sciences, Istanbul, Turkey)
SO270	17:30	Disinfectant Effects on Optic and Surface Properties of Temporary Crown Materials. I. EVRENDILEK*, T. KOYU, B. IYIGÜN, S. SAVMAZ (Prosthodontics, Kütahya Health Sciences University, Kutahya, Turkey)
SO271	17:45	Cytotoxicity of Self-Etch and Etch-and-Rinse With Phytic or Phosphoric Acid. J. RISSANEN*, M. CAPITANIO, M. UCTASLI, A. TEZVERGIL-MUTLUAY (Institute of Dentistry, University of Turku, Turku, Finland)

Friday, 04 September 2026, 16:00 - 18:00

Room 5 - Fernando Pessoa Room

Oral Session 32 - Dental Materials: Clinical Trials

Chairpersons: I. Souza Vardasca and L. Turkun

O272	16:00	Clinical Evaluation of Bioactive Materials in Occlusal Restorations After 18-Month. C. CANEVI, H. KEMALOGLU, H. BOYACIOGLU, L.S. TURKUN* (School of Dentistry, Ege University, Izmir, Turkey)
O273	16:00	Clinical Performance of Novel Single-Shade Composites in Cervical Lesions. L. KERIMOVA-KOSE*, R. MUDUROGLU ADIGUZEL, S. GÜNGÖR, E. ÇAKMAK ALTAN, K. YAMANEL (Restorative Dentistry, Baskent University, Faculty of Dentistry, Ankara, Turkey)
O274	16:30	Different Viscosities and Composition of Flowable Resins: 72-Month Clinical Trial. M. GUTIERREZ-REYES*, R. ÑAUPARI-VILLASANTE, B. CARPIO-SALVATIERRA, T. DE PARIS MATOS, A. NUÑEZ, M. OLIVEIRA BARCELEIRO, R. ALIAGA, A. LOGUERCIO (Facultad de Odontología, Universidad de los Andes, Santiago, Región Metropolitana, Chile)
SO275	16:45	9-Year Clinical Performance of Direct Composites in Tooth Wear Patients. K. WU*, H. BRONKHORST, L. CRINS, V. I. MADARIAGA, T. PEREIRA-CENI, B. LOOMANS (Department of Dentistry, Radboud university medical center, Nijmegen, Gelderland, Netherlands)
SO277	17:00	Does Violet Light Enhance 6% Peroxide Bleaching? Randomized Clinical Trial. I. SOUZA VARDASCA*, M. DE ARAUJO REGIS, G. CENTENARO, D. CORDEIRO, M. FAVORETO, L. CEBALLOS, A. REIS, A. LOGUERCIO, C. FRANCCI (University of São Paulo, São Paulo, Brazil)
SO279	17:15	One-Year Outcomes of MTA and Biodentin in Vital Pulp Therapy. M. POLYÁK*, E.Á. SZALAI, J. VÁG (Department of Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)
SO399	17:30	One-Year Clinical Performance of Restorative Strategies in Non-Carious Cervical Lesions. T. YAVUZ*, D. GÜRSEL SÜRMELOĞLU (Department of Restorative Dentistry, Gaziantep University Faculty of Dentistry, Gaziantep, sehitkamil, Turkey)



Friday, 04 September 2026, 18:00 – 19:00

Room 8 - Glicínia Quartin

Young CED-IADR Ambassadors Meeting - Upon invitation only

Friday, 04 September 2026, 19:30 – 00:00

Pátio da Galé, Praça do Comércio - Ala Poente, 1100-148, Lisboa

Congress Get-Together – After registration only





Saturday, 05 September 2026, 8:30 – 10:00

Room 6 - Almada Negeiros

Oral Session 33 - Dental Materials: Biocompatibility, Bioengineering and Biologic Effects III

Chairpersons: H. Damghani and W. Sun

SO280	8:30	Donor Identity Shapes Gingival Fibroblast Cellular Responses. W. SUN*, M. TURKALI, Q. LI, P. HOET, J. VANOIRBEEK, B. VAN MEERBEEK, S. ČOKIĆ, K. VAN LANDUYT (Department of Oral Health Sciences, BIOMAT, KU Leuven, Leuven, Belgium)
SO281	8:45	Low-Modulus β -Titanium Alloys Enhance Peri-Implant Tissue Cells. C. LABADI*, C. MONTET, H. ABOUELLEIL SAYED, D.-M. GORDIN, G. VINAULT, T. GLORANT, A. LAFON, N. ATTIK (Universite Claude Bernard Lyon 1, UMR CNRS 5615, 69621 Villeurbanne, France)
SO282	9:00	Orthodontic Aligner Material and Risk for Microplastic Release. S. GHASEMI*, S. GAROUSHI, P. VALLITTU (Institute of Dentistry, University of Turku, Turku, Finland)
SO283	9:15	Effects of Final Irrigants on Dentin Microhardness and Chemical Composition. N. KUCUKYILDIZ DINDAR*, S.G. ÜLKÜ, A. ÜNVERDI ELDENİZ (Konya Meram Oral and Dental Health Center, Konya, Turkey)
SO284	9:30	Cold Atmospheric Plasma Effect on Surface-Cell/Bacteria Interactions of 3D-Printed 3Y-TZP. H. DAMGHANI*, A. VETTOREL, N. ZAYED, F. ZHANG, A. BRAEM, W. TEUGHEL, B. VAN MEERBEEK, S. ČOKIĆ (KU Leuven, Department of Oral Health Sciences, BIOMAT & UZ Leuven, Dentistry, Kapucijnenvoer 7 block a, 3000, Leuven, Belgium)
	9:45	Discussion

Saturday, 05 September 2026, 8:30 – 10:00

Room 13 - Amalia Rodrigues Room

Oral Session 34 - Craniofacial, Stem Cell and Tissue Development

Chairpersons: C. Marto and B. Senel Demirtas

SO286	8:30	Effects of Simulated Unilateral Loss of Posterior Occlusal Support. C.U. LOTZMANN*, E. JAKOVLESKI, H. KORBMACHER-STEINER (Orthodontics, Philipps University, Marburg, Germany)
O287	8:30	TBX22 in Ankyloglossia: Beyond Coding Mutations. E.G. BERKAY, E. SEPET*, E. DAYAN, A.B. ANGI (Istanbul Kent University, Istanbul, Turkey)
SO288	8:30	Extracellular Vesicles Enhance Growth of Periodontal Ligament Stem Cell Organoids. G. AIDUKAITĖ*, M. TALAIKIS, G. NIAURA, V. BRUKIENE, A. PIVORIUNAS (Institute of Dentistry, Faculty of Medicine, Vilnius University, Vilnius, Lithuania)
SO289	8:30	Unlocking the Vascular Potential of Dental Pulp Stem Cell Microtissues. B. SENEL DEMIRTAS*, P.P. LINS, A. BRONCKAERS, H. DECLERCQ (Development and Regeneration, KU Leuven, Kortrijk, Belgium)
SO290	8:30	Dedifferentiated Gingival Fibroblasts as Accessible Stem-Like Cells for Bone Regeneration. C.M. MARTO*, M. LARANJO, A.C. GONÇALVES, A. PAULA, J. JORGE, L. AMARAL FERREIRA, R. GASPAR, M. MARQUES-FERREIRA, B. OLIVEIROS, A. CABRITA, M.F. BOTELHO, E. CARRILHO (Coimbra Institute for Clinical and Biomedical Research (iCBR), area of Environment, Genetics and Oncobiology (CIMAGO), Faculty of Medicine and Centre for Innovative Biomedicine and Biotechnology (CIBB), University of Coimbra, Coimbra, Portugal, Coimbra, Portugal)
	8:30	Discussion



Saturday, 05 September 2026, 8:30 – 10:00

Room 1 - Luis de Freitas Branco

Oral Session 35 - Dental Materials: Ceramic-based Materials II

Chairpersons: W. Hammoudi and M. Kireilyte

O292	8:30	Optical Characterisation of Multilayered Zirconia: Glaze, Thickness, Orientation, Visual Perception. W. HAMMOUDI*, F. ANDERSEN, P.V. STEYERN, B. ELLEN (Dental Medicine, Karolinska Institutet, Stockholm, Huddinge, Sweden)
SO294	8:45	Less Is More: Cusp Preservation Matters When Restoring Compromised Molars. M. KIREILYTE*, B. VAN MEERBEEK, G. ZEKONIS, M. PEUMANS (Department of Oral Health Sciences, KU Leuven, Leuven, Belgium)
O296	9:00	Edge Strength of Polychromatic Dental Zirconia. B. AL HATRUSHI, Z. ZHANG, A. HE, M. BORBA* (Division of Dentistry, University of Manchester, Manchester, United Kingdom)
SO297	9:15	Lower-Yttria Zirconia Dental Ceramic Grades: Benefits and Limitations. T. OKLEŠČEN*, P. JEVNIKAR, A. KOCJAN (Jozef Stefan Institute, Ljubljana, Slovenia)
	9:30	Discussion.

Saturday, 05 September 2026, 8:30 – 10:00

Room 7 - Sophia De Mello Breyner

Oral Session 36 - Dental Materials: Adhesion II

Chairpersons: A. Chaurasia and A. Schedle

SO298	8:30	Dentin Bonding of CPC-Mont-Modified Adhesives Challenged by Multi-Species Biofilm. H.D. KOSE*, C. YAO, B. MERCELIS, N. ZAYED, W. TEUGHEL, K. YOSHIHARA, B. VAN MEERBEEK (Department of Oral Health Sciences, BIOMAT & UZ Leuven, Dentistry, KU Leuven, Leuven, Belgium)
O299	8:45	HF Acid-Etch Duration on Bond Strength of SFRC CAD/CAM Block. D. MIZRAK*, S. GAROUSHI, P. VALLITTU, M.B. UCTASLI, L. LASSILA (Restorative Dentistry, Cankiri Karatekin University, Cankiri, Turkey)
O300	9:00	Shear Bond Strengths of Amalgam Alternative Materials to Enamel and Dentin. A. SCHEDLE*, S.B. GROUP, A. FRANZ (University Clinic of Dentistry, Medical University of Vienna, Vienna, Austria)
SO301	9:15	Bond Strength of Surface Treated Resin-Matrix Ceramics and Resin Cement. M.E. KONUKOGLU*, F. AYKENT (Prosthodontic, Ankara Yildirim Beyazit University Faculty of Dentistry, Ankara, Turkey)
O303	9:30	Surface Treatment Matters in 3D-Printed Resin Repair Bond Strength. Ö. KANAR*, Z. TAĞTEKIN, H. ASLAN, E. ALKAN, A. BITTAR, D. TAĞTEKIN (Department of Restorative Dentistry, Marmara University, Istanbul, Maltepe, Turkey)
	9:45	Discussion.

Saturday, 05 September 2026, 8:30 – 10:00

Room 5 - Fernando Pessoa Room

Oral Session 37 - Pediatric Oral Health and Minimally Invasive Dentistry

Chairperson: C. Bonifacio

SO304	8:30	Trisomy 18: Case Report With Genetic, Systemic, and Oral Findings. M. BALABAN, D. ÖZKUYUCU*, S. EMIROĞLU, E.G. BERKAY, E. SEPET, DEAR COMMITTEE, AS STATED IN OUR PREVIOUS EMAIL, THE ORAL PRESENTATION WILL BE DELIVERED JOINTLY BY THE FIRST AUTHOR, MELIKE BALABAN, AND THE PRESENTER, DENİZ ÖZKUYUCU, AS CO-PRESENTERS. KINDLY NOTE THIS INFORMATION. (Istanbul Kent University, Istanbul, Turkey)
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O305	8:45	Patterns of Orofacial Injuries in Abused Children: a Systematic Review. R. BATISTA, G. BALIXA, I. VENTURA, R. CORREIA, J. LOPES, G. KIZI, L. LOPES* (Egas Moniz School of Health and Science, Almada, Portugal)
SO306	9:00	Ceramic Versus Composite Posterior Restorations for Erosion Rehabilitation: 1-Year RCT. E. MICHALOPOULOU*, J. LEGAZ, I. SAILER, F. VAILLATI, D. KARASAN (Fixed Prosthodontics and Biomaterials, University of Geneva, Geneva, Switzerland)
SO307	9:15	Piezosurgery Versus Rotary Technique in Third Molar Surgery: 110 Cases. A. DJALEL*, Z. BOUDAUD, F. GHEZAL (Department of Oral Surgery, Central hospital of army, Algiers, Bir mourad rais , Algeria)
SO308	9:30	Evolution of Approximal Caries Management in France Over Two Decades. G. SAVARD*, C. MOUSSA, B. GROSGOGÉAT, S. LÉGER, S. DOMÉJEAN (EA7505 Éthique, Éducation, Santé, Faculty of Dentistry, University of Tours, Tours, France)
O309	9:45	Up to 46-Month Clinical Performance of Semi-Direct Posterior Composite Restorations. L. MARTINS*, C. MARTINS, R. MELO, L. SILVA, B. VAN MEERBEEK, M. PEUMANS (School of Dentistry, Federal University of Amazonas, Manaus, Amazonas, Brazil)

Saturday, 05 September 2026, 8:30 – 10:00

Room 9 - Maria Helena Vieira da Silva Room

**YOUNG CED-IADR Workshop: Interest of Language Models to generate clinical cases and MCQs
(Supported by Colgate)**

O310	8:30	Interest of Language Models to Generate Clinical Cases and MCQs. R. RICHERT* (University of Lyon, Lyon, France)
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Saturday, 05 September 2026, 8:30 – 10:00

Poster Foyer

Poster Session 25 - Cariology Research-Clinical & Epidemiological Studies, Detection, Risk Assessment & Others

Chairperson: A. Chasqueira

SP234	Is SlgA Associated With Dentine Caries in Physically Active Adults?. E. BLOMSTER*, T. TANNER, M.-L. LAITALA, R. AKHI, S. HÖRKKÖ (Department of Cariology, Endodontology, and Paediatric Dentistry, University of Oulu, Oulu, Finland)
SP235	Assessment of the Prevalence of Dental Caries and OHRQoL. E. BIDARRA VERISSIMO*, C. ROZAN, J. BOTELHO, J. SOUSA COSTA, A.C. MANSO (Egas Moniz Center for Interdisciplinary Research (CiiEM), Egas Moniz School of Health & Science, Campus Universitário, Quinta da Granja, 2829-511 Caparica, Almada, Setúbal, Portugal)
P236	Patient Satisfaction and Treatment Experience Following Restorative Care. F. HETRODT*, E. GASSAMA, M. ALMQUIST, L. KARLSSON (Department of Dental Medicine, Karolinska Institutet, Huddinge, Sweden)
P237	Linking Caries Experience to Periodontal Disease Severity in Adults. O. SHAALAN*, L. MAGDY, Y. ELBANNA, O. ASHOUR (Conservative dentistry, Faculty of Dentistry, Cairo University, Cairo, Egypt)
P238	Non-Carious Cervical Lesions in Greek Adults: Prevalence and Risk Factors.. G. GKAVELA*, A. KONTAKOU-ZONOU, A. TSAKANIKOU, C. RAHIOTIS (Dentistry, National and Kapodistrian University of Athens, Athens, Attiki, Greece)
SP239	Cross-Polarized Light Photography Enhances White Spot Lesion Detection. M. DUTREY, A. PEIXOTO*, A. DELGADO, M. LUCENA, A. MANSO (Egas Moniz Center for Interdisciplinary Research (CiiEM); Egas Moniz School of Health & Science, Caparica, Almada, Portugal)
SP240	High and Low BMI and Their Association on Dentine Caries. E. MARJANEN*, J. MIETTUNEN, T. TANNER (Faculty of Dentistry, University of Oulu, Oulu, Northern Ostrobothnia, Finland)



- P241** Microscopic Evaluation of Marginal Adaptation in Class II Composites. N. LONGUROVA*, K. ZLATANOVSKA, S. ATANASOVA, B. NIKOLOVSKI, I. KOVACHEVSKA, J. ZARKOVA ATANASOVA (Faculty of Medical Sciences, Goce Delcev University, Stip, North Macedonia, Shtip, Macedonia (the former Yugoslav Republic of))
- SP124** Effect of Bacterial Strains on Streptococcus Mutans and Caries Increment. K. LEKO-KESJAR*, D. NÉMET, E. BORBÉLY, X. QIAN, G. VARGA, P. HEGYI, B. SZABÓ, A. WALTER, E. MOLNAR, J. VAG (Centre for Translational Medicine, Semmelweis University, Semmelweis University, Budapest, Hungary)

Poster Session 26 - Clinical Case Reports

Chairpersons: I. Akota and E. Ohlsson

- SP244** Surgical Extrusion With Immediate Injection-Molded Esthetic Reconstruction Following Dental Trauma. E. OHLSSON*, A. PEREZ, K. GALLER, E. MAIER (Department of Conservative Dentistry and Periodontology, University Hospital Erlangen, Erlangen, Germany)
- SP245** 3D-Printed Posterior Overlays: Two Clinical Cases. N. GOREA*, P. PIRES, J. OLIVEIRA, J. COSTA, P. MAURICIO (Egas Moniz Center for Interdisciplinary Research (CiiEM), Egas Moniz School of Health & Science, Lisbon, Portugal)
- SP246** Minimally Invasive Management of Anterior Tooth Loss Using Fiber Composite. S. KUZUBAS*, C. GÜLER (PEDIATRIC DENTISTRY, ORDU UNIVERSITY, Ordu, ALTINORDU, Turkey)
- SP248** Clinical Management of Necrotizing Ulcerative Gingivitis: a Case Report. N. UÇAR*, N. KALAC, S. AYDINDOGAN (Periodontology, Selçuk University Faculty of Dentistry, Konya, Turkey)
- SP249** Periodontal Management of Peripheral Giant Cell Granuloma: Three Case Reports. E.B. ÖNER, A. ASLAN*, Z.N. ONAY, N. GÖRGÜLÜ, N.V. OLGAC, G. ÜNVERENGİL, K.N. KÖSE (Periodontology, Marmara University, ISTANBUL, MALTEPE, Turkey)
- SP250** Five-Year Follow-Up of Revascularization: Clinical and Radiographic Outcomes. E. DEMIR, I.B. KARCI*, T. TÜRK SOMER (Ege University, Izmir, Turkey)
- P251** Fully Digital Oral Rehabilitation Guided by Photogrammetry. I. JELAVIĆ*, A. CAREK, J. KRANJCIC, T. BADEL (Department of Fixed Prosthodontics, School of dental medicine, Zagreb, Croatia)
- SP253** Replantation of Four Avulsed Maxillary Incisors: a Two-Year Case Report. B. ÇOTUR*, Ö. ERASLAN, A.Ü. ELDENİZ (Department of Endodontics, Selçuk University, Konya, Turkey)
- P254** Management of Peri-Implant Infection Prior to Antiresorptive and Targeted Therapy. F. BLAZEVIĆ, A. CAREK* (Department of Fixed Prosthodontics, School of Dental Medicine, Zagreb, Zagreb, Croatia)
- SP255** Surgical-Orthodontic Management of Impacted Canine Associated With Odontoma. T. BOGOEVA*, G. PELLE, R. MANICA, L. LA SCHIAZZA, I. VOZZA, V. LUZZI, G. IERARDO (Department of Oral and Maxillofacial Science U.O.C Pediatric Dentistry, Sapienza University of Rome, Rome, Rome, Italy)
- SP256** Recurrent Peri-Implantitis: Surgical Management and Prosthetic Replacement. B. DERDABI* (periodontology and peri implant diseases, University Complutense of Madrid, Madrid, Madrid, Spain)

Poster Session 27 - Dental Materials: Ceramic-based Materials

Chairpersons: M. Dâmaso and L. Turkun

- SP257** Influence of a Fluorescent Coloring Liquid on Zirconia Chromatic Properties. M. DÂMASO*, JULIANA MARQUES SANTOS¹, CRISTINA BETTENCOURT NEVES^{1,2}, JOÃO CARLOS ROQUE¹ (Faculdade de Medicina Dentária, Lisbon, Portugal)
- SP258** Preparation Design and Material Effects on CAD/CAM Onlays: Micro-CT Study. J. YASSINE*, G. KOCAÖZ, S. ABOU-REBYEH, N. HENNING, T.L. WILHELM, R. ZHUMABEKOVA-RIEGEL, N. ZAFAR, F. SCHMIDT, F. BEUER, S. PIERALLI (Department of Prosthodontics, Dental Materials Research, Charité Universitätsmedizin Berlin, Berlin, Germany)
- SP259** Triple-Modified Hydraulic Calcium Silicate Sealer Improves Antimicrobial and Physicochemical Properties. G. BILVINAITE*, V. KLIMKEVICIUS, T. KIRTIKLIENE, T.A. MOLIZ, S. DRUKTEINIS, S. SAKIRZANOVAS (Vilnius University, Vilnius, Lithuania)
- SP260** Perforation and Design Influence Crack Propagation: a Finite Element Study. R. MOHAMMADI*, N. GÜNTEKIN, S. MUTLU, M. DEMIREL, M. ERDOĞDU (Department of Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)
- SP261** Solvent-Free Milling of Oyster Shells for DLP Scaffolds. A. RAWASHDEH*, M. HADIS, A. ABDELWAHAB, J. CAMILLERI, K. ESSA (University of Birmingham, Birmingham, United Kingdom)



- SP262** Post-Etching Cleaning Effect on Immediate Bond Strength to Lithium Disilicate. N. SANZ HERERO*, C. MONZON, V. FUENTES, L. CEBALLOS (Faculty of Health Sciences, Rey Juan Carlos University,, IDIBO Research Group, Alcorcon, Madrid, Spain)
- SP263** Ultrathin – or Too Thin? Loading Ceramic Crowns With Reduced Thickness. P. WEIß* (Universitätsklinik zahnärztliche Prothetik, Medizinische Universität Innsbruck, Innsbruck, Austria)
- SP264** Er:YAG-Laser Transmission in Lithium-Disilicate: Influence of Manufacturing and Material Parameters. E. GUTTROFF*, H. RUDOLPH, R. LUTHARDT, S. BLENDER (Department of Prosthetic Dentistry, Ulm University Hospital, Ulm, Germany)
- SP265** Relationship Between 3D Texture and Flexural Strength in Lithium Disilicate. F. FUCHS*, T. JUNGK STIER, A. KOENIG (Department of Prosthodontics and Materials Science, Leipzig University, Leipzig, Saxony, Germany)

Poster Session 28 - Dental Materials: Polymer-based Materials

Chairpersons: S. Blender and P. Mauricio

- P266** Linear Shrinkage and Stress Development in Universal-Shade Rapid-Cure Composites. V. NEGOVETIC MANDIC*, T.T. TAUBÖCK, D. MAROVIC, T. ATTIN, Z. TARLE, M. PAR (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- SP267** Amoxicillin-Loaded Buccal Patch: Permeation and Antibiofilm Effects. A. ALSAQABI*, N. KARPUKHINA, A. STEPHEN1, N. SEOUDI, M. PATEL (Basic Oral Medical Sciences and Dental Education, College of Dentistry, Qassim University, Buraydah, Saudi Arabia, Buraydah, Saudi Arabia)
- P268** Rheology, Degree of Conversion, and Microhardness of Experimental Bioactive Resin Composites. M. ALDHAFYAN* (Restorative Dental Sciences, King Saud University, Riyadh, Riyadh, Saudi Arabia)
- P269** A Polymeric pH-Sensitive Hydrogel Promotes Fibroblast Proliferation and Cytoskeletal Integrity. F.J. VAZQUEZ-PEREZ, C. CIFUENTES, A. MOLTO-RAMIREZ, L. RODRIGUEZ-ARCO, R. OSORIO*, A.L. MEDINA-CASTILLO, M. LOPEZ-LOPEZ (University of Granada, Granada, Spain)
- P270** Tribological and Hydrolytic Performance of Printed PMMA Related to Post-Curing. L. POROJAN*, R.D. VASILIU, F.R. BEJAN, M.I. GHERBAN, A. MATICHESCU (Department of Dental Prostheses Technology (Dental Technology), Center for Advanced Technologies in Dental Prosthodontics, Faculty of Dental Medicine, "Victor Babes" University of Medicine and Pharmacy Timisoara, Timisoara, Romania)
- P272** Impact of Brushing and Post-Processing Procedures on Dental Printed Resin.. R. VASILIU*, F.R. BEJAN, A. MATICHESCU, S.D. POROJAN, L. POROJAN (Department of Dental Prostheses Technology (Dental Technology), Center for Advanced Technologies in Dental Prosthodontics, Faculty of Dental Medicine, "Victor Babes" University of Medicine and Pharmacy, Timisoara, Timis, Romania)
- P273** Polymerization Shrinkage Stress of Bulk-Fill Composites: Comparison of Two Measurement Methods. S. GAROUSHI, E. SÄILYNÖJA*, P. VALLITTU, L. LASSILA (Department of Biomaterials Science, Institute of Dentistry, University of Turku, Turku,, Turku, Finland)
- P274** Low-pH Environment Impacts Milled and 3D-Printed Provisionals. A. ALRAHLAH*, M. ALDHAFYAN, W.S. SAEED, A.B. AL-ODAYNI (Restorative Dental Sciences, College of Dentistry, King Saud University, Riyadh, Riyadh, Saudi Arabia)
- P275** Properties of 3D-Printed Resins in Fixed Prosthodontics: Systematic Review. P. MAURICIO*, N. GOREA, F. SILVA, J. COSTA (Egas Moniz Center for Interdisciplinary Research (CiiEM), Egas Moniz School of Health & Science, Lisbon, Portugal)
- SP276** Layer Thickness and Viscosity Influence 3D-Printed Resin Surfaces. G.N. CAKIR YAZICI*, V. TURGUT, M.C. ARARAT, E. SACU, N. TEKCE (Restorative Dentistry, Kocaeli University, Kocaeli, Basiskele, Turkey)
- P277** Transmission of Er:YAG Laser Through Different Tooth-Coloured Restorative Materials. S. BLENDER*, H. RUDOLPH, R. LUTHARDT, E. GUTTROFF (Center of Dentistry, Department of Prosthetic Dentistry, Ulm University Hospital, Ulm, Germany, Ulm, Germany)

Poster Session 29 - Dental Materials: Adhesion

Chairperson: G. Spagnuolo

- SP278** Acidic Monomer Balance Governs Cure Efficiency and Robustness in Composites. M. ALVES*, A. DELGADO (Egas Moniz School of Health and Science, Almada, Portugal)
- SP279** The Effect of Different Adhesion Strategies on the Clinical Performance. I. AKPINAR CEVIZ*, M. DEMIRCI, S. TUNCER, N. TEKÇE, C. BAYDEMIR (DEPARTMENT OF RESTORATIVE DENTISTRY, Istanbul University, Istanbul, Turkey)



- SP280** Can Phytic Acid Replace Phosphoric Acid? Effects on Enamel Bonding. M. CANADAS*, T. STAPE, A. TEZVERGIL-MUTLUAY (Department of Cariology and Restorative Dentistry, Institute of Dentistry, University of Turku, Turku, Finland, Finland)
- SP281** Susceptibility of Direct Restoratives to Saliva Contamination on Deciduous Dentin. Z. BATU EKEN*, N. ILIE (LMU Munich, Munich, Germany)
- P282** Load-Bearing Capacity of Lithium Disilicate Overlays: Effect of IDS Reinforcement. T. PHALA, K. SUPUTTAMONGKOL, P. PONGPRUEKSA* (Department of Operative Dentistry and Endodontics, Faculty of Dentistry, Mahidol University, Bangkok, Thailand)
- P284** Shear Bond Strength of Experimental Biointeractive Fiber-Reinforced Restorative Material. I. SALINOVIC, M. BOTA, M. BILIC-PRCIC*, A. IVICA, I. MILETIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- P285** Influence of Adhesive Protocol on Bond Strength of Repair Composite Restorations. A. IVANIŠEVIĆ*, J. MATIJEVIĆ, B. JANKOVIĆ, I. NUJIĆ RADIN, J. LEROIĆ, E. KLARIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
- P286** Zirconia Repair: Surface Treatments and One vs Two Adhesive Layers. C. SOLER-TORNERO*, M. MUTLUAY, A. TEZVERGIL-MUTLUAY (Cariology and Restorative Dentistry, University of Turku, Turku, Finland)
- SP287** Bond Strength of Occlusal Splint Repair Material After Saliva Contamination. V. PAAVOLA*, L. LASSILA, T. NÄRHI, J. BIJELIC-DONOVA (Institute of dentistry, University of Turku, Turku, Finland)
- P288** Two-Step in Situ Nanolayering Enhances Bonding to Caries-Affected Dentin. S. LIANG, X. DENG, C. TANG, X. LI, C. YAO, C. HUANG* (State Key Laboratory of Oral & Maxillofacial Reconstruction and Regeneration, Key Laboratory of Oral Biomedicine Ministry of Education, Hubei Key Laboratory of Stomatology, School & Hospital of Stomatology, Wuhan University, Wuhan, China)
- P289** Effect of Micro-Applicator on Universal Adhesive Bond Strengths to Enamel. G. LOPES*, C. LUIZ, G. OLIVEIRA (Dentistry, UFSC, Florianópolis, Santa Catarina, Brazil)
- P290** An Alternative to Silicatization in Repair of Restorations. S. FRITZE*, H. LOLL, M. GRUPP, E. MECHER, C. THALACKER, A. LÓPEZ MUÑOZ (Solventum, Seefeld, Germany)
- SP291** From Total-Etch to Universal: Adhesive System Preferences Among Lithuanian Dentists. P. GUDAUSKAITE*, E. MILIUNIENE (Institute of dentistry, Vilnius University, Vilnius, Lithuania)

Poster Session 30 - Dental Materials: Biocompatibility, Bioengineering and Biologic Effects of Materials

Chairpersons: J. Marques and U. Ortengren

- P292** The Influence of Strontium and Fluoride on Mineralization of Hydroxyapatite. U. ORTENGREN*, Z. PARNIEWSKA, A. LEHRKINDER, S. SHISHIDO, D. RÖSEL, K. NAKAMURA (Cariology, Institute of Odontology/Sahlgrenska Academy, Gothenburg University, Gothenburg, Sweden)
- SP293** Cytotoxicity of Modified AH Plus Jet Sealer. P. DUIĆ*, A. BROZOVIĆ, L. PAVLOVIĆ, A. BARABA, A. IVICA, I. SALINOVIC, I. MILETIC (Community Health Center Zagreb East, Zagreb, Croatia)
- SP295** Impact of Solvent-Washing Solutions in Keratinocyte Viability on 3D-Printed Resins. M. PEREIRA MARGARIDO*, B. FERNANDES, M. BRITO DA CRUZ, J. MARQUES, R. MALHEIRO, J.C. ROQUE, A. MATA (Oral Biology and Biochemistry Research Group (GIBBO), Unidade de Investigação em Ciências Oraís e Biomédicas (UICOB), Faculdade de Medicina Dentária, Universidade de Lisboa, Lisbon, Portugal)
- SP296** Suspected Microplastic Release From 3D-Printed Versus Conventional Occlusal Splints. Z. BEYAZ*, O. ETÖZ, A. BATU ÖZTÜRK, A. AKTAS SÜKÜROĞLU, N.C. ÖZTÜRK, Ö. TANRIKUT, D. BATTAL (Department of Prosthodontics, Faculty of Dentistry, Mersin University, Mersin, Turkey)
- P297** Effect of 3D-Printed Materials and Post-Processing on Soft Tissue Cells. A. PANZERT*, T. STEINBERG, A. HUSARI, S. BAI, J. LÜCHTENBORG, F. BURKHARDT, B. SPIES, K. RABEL (University of Freiburg, Faculty of Medicine, Freiburg im Breisgau, Germany)
- SP298** Human Platelet-Derived Extracellular Vesicle Fractions as Bioactive Tissue Regenerators. A. GÜLLICH*, A. DÖDING, U. SCHULZE-SPAETE, S. KOCH (Section of Geriodontics, Department of Conservative Dentistry and Periodontology, Center of Dental Medicine, Jena University Hospital, Friedrich Schiller University Jena, Jena, Germany, Friedrich-Schiller University Jena, Germany, Jena, Germany)
- P299** Magnetron-Sputtered Titanium-Magnesium Thin Films on Titanium: Periodontal Cell Biocompatibility Assessment. A. LUÍS, J. MARQUES*, J. BORGES, Ó. CARVALHO, A. MATA (CEMBDE-Cochrane Portugal, Faculdade de Medicina Dentária da Universidade de Lisboa, Lisboa, Portugal)
- P300** Laser-Textured Ti-Zr-Ta Films for Dental Biocompatibility. M.-T. TSAI*, J.-T. HSU, H.-L. HUANG (Department of Medical Equipment Development and Application, Hungkuang University, Taichung, Taiwan)
- P301** Novel GBR Scaffolds Enhance Patient-Reported Outcomes.. M. BARIYEVA* (Surgical and Prosthetic Dentistry, South Kazakhstan Medical Academy, Shymkent, South Kazakhstan, Kazakhstan)



- SP375** Influence of Cellulose Nanocrystals on Mineralization of Carboxymethyl Cellulose Cryogels. F. ABUSHAHBA*, J. BORGES-VILCHES, E. KONTTURI, P. VALLITTU (Department of Biomaterials Science and Turku Clinical Biomaterials Centre, Institute of Dentistry, University of Turku, Turku, Finland)
- SP376** Preliminary in Vitro Assessment of Fluoride-Doped Calcium Phosphate Within GICs. C. VITO*, S. SAURO, P. FARRAR, K. MARTINS, M. CERNERA, G. SPAGNUOLO, C. DEL GIUDICE (School of Dentistry, University of Naples Federico II, Naples, Italy)

Poster Session 31 - Implantology

Chairperson: Y. Leira

- P046** Association Between Maxillary Posterior Roots and Sinus Wall. J.-T. HSU*, M.-T. TSAI, H.-L. HUANG (Department of Biomedical Engineering, China Medical University, Taichung, Taiwan)
- P303** Short Implant Success in High Crown-to-Implant Ratio Scenarios. L. PEPA* (Department of Dentistry, Faculty of Dental Sciences, Aldent University, Tirana, Albania)
- SP304** Bioactive Glass Coatings on Titanium Surfaces Enhance Osteogenic Differentiation. L. VIANA FARIA*, M.E. LOPES, A. ALVES, T. PRATA, R. CAMINAGA, C. MARCANTONIO, L. FERNANDES, J. CIRELLI (Department of Diagnosis and Surgery, School of Dentistry at Araraquara, São Paulo State University (UNESP), Araraquara, São Paulo, Brazil)
- P305** Decontamination of Peri-Implantitis-Affected Implants: an in Vitro Study. M. TOLEDANO-OSORIO, C. CIFUENTES, M. TOLEDANO*, M. SANZ, R. OSORIO (University of Granada, Granada, Spain)
- P306** Histomorphometric Evaluation of Original Implant Design. A. LAFON, A. BARRACO, J. MWENGE WAMBEL, G. NOËL, M.-P. GUSTIN, B. GROSOGÉAT* (Université Lyon 1, Faculté d'Odontologie, Laboratoire des Multimatiériaux et Interfaces LMI UMR CNRS 5615, Lyon, France)
- SP308** The Prognosis of S-Shaped Fixtures With PRF-Combined Sinus Floor Augmentation. D.-H. CHO* (Department of oral and maxillofacial surgery, Seoul National University, Seoul, Jongno-gu, Deahak-ro 101, Korea (the Republic of))
- SP309** Atomic Layer Deposited Hydroxyapatite Titanium Surfaces Improve Integration in Gingival Model. F. ABUSHAHBA, N. AREID*, A. KORHONEN, M. PUTKONEN, M. RITALA, P. VALLITTU, J. WILLBERG, T. NÄRHI (Department of Prosthetic Dentistry and Stomatognathic Physiology, Institute of Dentistry, University of Turku, Turku, Finland)
- SP310** Stability of Dental Implants in Vertically or Horizontally Overprepared Osteotomies. G. ALTAY*, J. ZHANG, S.-M. MEIER, D. WEBER (Philipps University, Marburg, Germany)

Poster Session 32 - Microbiology/Immunology

Chairpersons: M. Astasov-Frauenhoffer and W. Papaioannou

- P312** Mechanisms of Inhibition of Oral Biofilm Regrowth by Stannous Fluoride. E. JEFFCOCK*, R. HAWKINS, D. BRADSHAW, J. SCHOFIELD, P. SKIPP, R. HOWLIN (Haleon, Weybridge, United Kingdom)
- P313** Endopathogen Prevalence and Abundance in Retreatment Cases With Apical Lesion. E. VASZINÉ SZABÓ*, M. POLYAK, A. ZURANYI, K. KRISTOF, T. BARBAI, J. VAG, A. JABBARPOUR, K. MARTONOSSY, Z.M. LOHINAI (Department of Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)
- SP315** Infective Endocarditis and Oral Pathologic Conditions: a Retrospective Cross-Sectional Study. F.V.B. JESPERSEN*, S. STORGÅRD JENSEN (Department of Odontology, University of Copenhagen, Copenhagen, Denmark)
- SP316** Hyperpure Chlorine Dioxide-Releasing Gel as a Novel Intracanal Medicament. Á. GHIDÁN, Z. LOHINAI, A. HERCZEGH, V. NÁZÁR* (Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)
- SP317** Phenotypic Characterization of Previously Uncultured Bacteria: Insights From *Dentiradicibacter* Hellwigii. L. WALDVOGEL*, S. BARTSCH, A. KRUSE, A. WITTMER, S. KONOW, J. HERTEL, A. AL-AHMAD, F. CIEPLIK (Department of Operative Dentistry and Periodontology, Faculty of Medicine, University of Freiburg, Freiburg, Germany)
- SP318** Oralization of the Gut Microbiota in Parkinson's Disease. G. DURAO CARNEIRO*, E. BOYER, M. BONNAURE-MALLET, M. VERIN, M. AUFFRET, V. MEURIC (INSERM, INRAE, UMR 1317, Nutrition, Metabolisms and Cancer (NuMeCan) Institute, Université de Rennes, Rennes, France)
- P320** Cellulose-Based Thermoformable Dental Materials Gain Antibiofilm Properties With Essential Oils. M. ASTASOV-FRAUENHOFER*, L. STÄUBLE, O. BRAISSANT, C. VERNÉ, M. BORNSTEIN (University Center for Dental Medicine Basel, University of Basel, Basel, Switzerland)



- P321** Effect of Ions Release From Orthodontic Mini-Screws on Bacterial Growth. M. DESCLOS-THEVENIAU*, S. PROVOST, V. MEURIC (Odontology, Numecan INSERM 1317, Rennes, France)
- P322** Key Drivers of Oral Microbiota in a Healthy Teenager Population. V. MEURIC*, E. BOYER, C. CHEVRIER (Odontology, Numecan INSERM 1317, Rennes, France)

Poster Session 33 - Oral Health Research

Chairpersons: B. Keremi and V. Machado

- P323** Effect of Laser-Induced Heat Provocation on Gingival Microcirculation in Healthy Subjects. B. KEREMI*, A. FEKETE, T.L. NAGY, I. TOLNAI, R. FAZEKAS, E.Á. SZALAI, J. VAG (Department of Restorative Dentistry and Endodontics, Semmelweis University, Faculty of Dentistry, Budapest, Hungary)
- SP324** Oral Manifestations of Sjogren Disease. Á. HEIZER*, M. KISGERGELY, B. SZABÓ, Z. SIPOS, J. LEE, X. QIAN, G. VARGA, P. HEGYI, K. MÁRTON (Department of Preclinical Dentistry, Semmelweis University, Budapest, Hungary)
- P326** Nanohydroxyapatite Toothpaste Tablets Inhibit Streptococcus Mutans Growth. R. ADAM*, A. MOHAMED, E. MABOZA (University of the Western Cape, Cape Town, South Africa)
- P328** Effects of Stannous Dentifrice on Supragingival Plaque Community and Functionality. R. HAWKINS*, P. GOMEZ PEREIRA, R. GRIMALDI, G. SMITH, Q. LI, J. MILLEMAN, K. MILLEMAN, T. CHEN, H. HASTURK (Haleon, Weybridge, United Kingdom)
- P329** Clinical Efficacy of a New Experimental Toothpaste on Gingival Health. R. GRIMALDI*, G. BURNETT, A. MOHAMMAD, G. SERRA, M. HERNANDEZ, J. QAQISH, C.R. GOYAL (Haleon, Weybridge, United Kingdom)
- P330** In Vitro Wound Healing Models of Oral Mucosa. E. REIS*, M. PUSKAR, J. MOLIGNANO, S. LETASIOVA, A. ARMENTO, S. AYEHUNIE, M. KLAUSNER (MatTek In Vitro Life Science Laboratories, Bratislava, Slovakia)
- SP331** Comparing Two Fixation Methods for Oral Neutrophil Quantification: a Pilot Study. J. VIANA*, J. BOTELHO, V. MACHADO, J.J. MENDES, S. NAICHUAN (Egas Moniz Center for Interdisciplinary Research (CiEM), Egas Moniz School of Health & Science, Almada, Portugal)
- SP332** Osteomyelitis Prevalence in Diabetic Patients: a Systematic Review. H.H. ONAY*, L. PRESANNEN, N. SEOUDI (College of Medicine and Dentistry, Outreach Centre, Ulster University, Birmingham, United Kingdom)

Poster Session 34 - Orthodontics Research

Chairpersons: I. Isufi and H. Kopperud

- SP334** Comparative Analysis: Oral Microbiota and Antibiotic Resistance in Orthodontic Patients. A. ALUSHI*, B. SINJARI, F. PROFILI, G. TETE, A. KAMBERI (DEPARTMENT OF INNOVATIVE TECHNOLOGIES IN MEDICINE AND DENTISTRY, G.D'Annunzio University, Pescara, Italy, Italy)
- P335** Cephalometric Sexual Dimorphism Driven by Sagittal Differences. I. ISUFI*, A. ISUFI, A. ALUSHI, O. TANELLARI (Orthodontic, Aldent University, Tiranë, Albania)
- P336** Pacifier Use and Malocclusion in Children: a Systematic Review. D. PREVOT, C. TULEI, C. CHARAVET, E. AIEM, L. LUPI* (Oral Public Health, Université Côte d'Azur, Nice, PACA, France)
- SP337** Seeding Density Influences HPDLC Spheroid Integrity. K. HE*, M. JANJIC RANKOVIC, A. WICHELHAUS, U. BAUMERT (Department of Orthodontics and Dentofacial Orthopedics, LMU University Hospital, Munich, Bavaria, Germany)
- P338** Leachates From and Wear of Orthodontic Thermoplastic Retainers. T. HAMRAN, H. KOPPERUD*, H. VALEN (Nordic Institute of Dental Materials (NIOM), Oslo, Norway)
- SP339** Quantifying Functional Asymmetries in Cleft Lip and Palate. P. AMINI*, J. MOUCHOUX, P. BROCKMEYER, S. WOLFER, H. SCHLIEPHAKE, P. MEYER-MARCOTTY, A. QUAST (Department of Orthodontics, University Medical Center Goettingen, Göttingen, Germany)
- SP340** Evaluation of the Morphological, Functional and Respiratory Effects of Mandibular Advancement. S. MRABET*, C. BEGHDAI, A. KASSAS (Dental Department, Oran University Hospital Center, Oran, Autre, Algeria)
- P341** Descriptive Assessment of Phonatory Impacts Associated With Cleft Lip and Palate. C. BEGHDAI*, S. MRABET, A. KASSAS (ORAN DEPARTMENT OF DENTAL MEDICINE, ORAN REGIONAL UNIVERSITY MILITARY HOSPITAL, ORAN, ORAN, Algeria)



- P342** Decision Criteria for Permanent Tooth Extractions in Orthodontics. A. KASSAS*, C. BEGHDAI, S. MRABET (DEPARTEMENT DE MEDECINE DENTAIRE D'ALGER, HOPITAL CENTRAL DE L'ARMEE, ORAN, ORAN, Algeria)
- P343** Total Facial Convexity Angle (G-Pn-Pg) Across Malocclusion Classes. S. ATANASOVA*, K. ZLATANOVSKA, J. ZARKOVA ATANASOVA, L. PROSHEVA PELIVANOVA, B. NIKOLOVSKI, N. LONGUROVA, S. CARCEVA SALJA, S. NASHKOVA, S. ROGOLEVA GJUROVSKI, I. KOVACHEVSKA, P. APOSTOLOSKI, M. PETROVSKI (Faculty of Medical Sciences, Goce Delcev University, Stip, Macedonia (the former Yugoslav Republic of))
- SP344** Self-Care Products for Preventing White Spot Lesions: Umbrella Review. G. BACIONYTE*, Y. LIU, R.E.G. JONKMAN, D.E. SLOT (Department of Orthodontics, Academic Centre for Dentistry Amsterdam (ACTA), Amsterdam, North Holland, Netherlands)
- SP345** Orthodontic Forces Affect HPDL-MSC Immunomodulation Toward Macrophages in Aseptic Inflammation. M. BECIROVIC*, A. LORENZ, O. ANDRUKHOV, C. BEHM (University Clinic of Dentistry, Medical University of Vienna, Vienna, Austria)

Poster Session 35 - Periodontal Research-Pathogenesis, Therapy

Chairpersons: M. Lejnieks and K. Schwarz

- P346** Periodontitis — a Driver of Biological Aging? Transcriptomic Evidence. S. MEYVACI* (Periodontology, Istanbul University Faculty of Dentistry, Üsküdar, Istanbul, Turkey)
- SP347** Inflammatory Environments Regulate Vitamin D₃ Metabolism in Periodontal Ligament MSCs. S. HILBERATH*, M. LIEPERT, C. BEHM, O. ANDRUKHOV (Competence Center for Periodontal Research, University Clinic of Dentistry, Medical University of Vienna, Vienna, Austria)
- SP349** Illness Perception Changes After Non-Surgical Periodontal Therapy in Different Patients. E. MIKAYILLI, E. BALTACIOGLU, F.N. AVCI* (PERIODONTOLOGY, KARADENIZ TECHNICAL UNIVERSITY FACULTY OF DENTISTRY, TRABZON, Turkey)
- SP351** L-PRF Membranes Undergo Progressive Structural and Cellular Remodeling. I. ALCOFORADO*, J. LOBATO, M. BRAGA, R. NUNES, L. MARINHO, R. ALVES (Periodontology, Egas Moniz School of Health and Science, Lisboa, Portugal)
- SP352** Three-Month Periodontal Healing After 3D-Guided Autotransplantation of 146 Third Molars. M. LEJNIEKS*, I. AKOTA, V. SOBOLEVA, S. URIBE (Department of Oral and Maxillofacial Surgery and Oral Medicine, Riga Stradins University, Riga Stradins University, Riga, Latvia)
- SP353** Eco-Friendly Alginate–Fucoidan Hydrogels for Periodontal Regeneration: in Vitro Study. B. ROBERT GRANGE*, N. ATTIK, V. SALLES, K. GRITSCH (Université Claude Bernard Lyon 1, Faculté d'Odontologie, Laboratoire des Multimatériaux et Interfaces, UMR CNRS 5616, Lyon, France)
- SP086** Periodontal Wound Dimensions and Systemic Inflammation in Obese Reproductive-Age Women. L. HREN STRAH*, A. KOCEVA, M. JENSTERLE SEVER, E. SKALERIČ (Medical Faculty, University of Ljubljana, Ljubljana, Slovenia)
- SP354** Acute Hypoxia Reprograms Immune Mediator Expression in Human Gingival MSCs. K. SCHWARZ*, Y. DANKOVYCH, I. KOMPANEETC, O. ANDRUKHOV (Competence Center for Periodontal Research, University Clinic of Dentistry, Medical University of Vienna, Vienna, Austria)
- P201** Three-Dimensional Assessment of Surgical Root Coverage Using Connective Tissue Grafts. S. RIEGER*, K. VACH, L. BURGAU, F. BURKHARDT, J. NOLD, F. CIEPLIK, P. RATKA-KRÜGER, A. KRUSE (Center for Dental Medicine, Department of Operative Dentistry and Periodontology, Faculty of Medicine, Medical Center - University of Freiburg, Freiburg, Germany)

Poster Session 36 - Pediatric Oral Health Research

Chairpersons: E. Alikaj and D. Kume

- P355** The Pediatric Dentist-Patient Dyad: Subjective Perception of Non-Verbal Language (NVL). V. ALVES*, M.D.R. DIAS, A.S. DELGADO, G. KIZI, M. ALBERTO, P. MASCARENHAS, A. NEVES (Egas Moniz School of Health and Science/CiiEM, Almada, Portugal)
- SP356** Combined Probiotics and Topical Fluoride Prevent White Spot Lesions in Orthodontics. D. KUME*, D. HYSI, I. ISUFI, A. KAMBERI (Department of Dental Therapy, Faculty of Dental Medicine, University of Medicine, Tirana, Albania)
- P357** Dental Trauma Prevalence and Risk Factors in Children. E. ALIKAJ*, S. PANTEQI, N. SARACI (Dentistry, Aldent University, Tirana, Albania)
- SP358** Modified Hawley Appliance for Anterior Crossbite: Case Series. I. SAHIN*, M. ALPAYDIN, D. ODABASI (Pediatric Dentistry, Ordu University, Ordu, Altinordu, Turkey)



- SP359** Association of Salivary Proteins With Periodontal Disease - a Scoping Review. M. RAJA*, H. NAZZAL, M. ELWERFELLI, M. DUGGAL (QU Health, College of Dental Medicine, Qatar University, Doha, Qatar, Qatar)
- SP360** Early Oral and Periodontal Changes During Orthodontic Treatment in Adolescents. A. KAMBERI*, E. PETRO, E. HALIMI, R. GAVAZI, B. KOÇI (Department of Dental Therapy, Faculty of Dental Medicine, University of Medicine, Tirana, Albania)
- SP361** Dental Maturity and Mandibular Bone Characteristics in Osteogenesis Imperfecta Children. F.(. PAPAIOANNOU*, K. SEREMIDI, A. MITSEA, A. DOULGERAKI, S. GIZANI (National and Kapodistrian University of Athens School of Dentistry, Athens, Greece)
- P362** Association Between Varicella Vaccination and Molar-Incisor Hypomineralisation. M. JÖHREN*, P. JÖHREN, E. SADIK-ZADA, J. JACKOWSKI, R. BRINKS, S. ZIMMER (Operative Dentistry and Preventive Dentistry (Chair Prof. Dr. S. Zimmer), Faculty of Health, University Witten/Herdecke, Witten, NRW, Germany)
- P119** Effect of Post-Erosive Brushing Delay on Wear of Human Dentin. V. PEREIRA DE LIMA*, A. LOUKILI, A. DE OLIVEIRA DAL PIVA (Department of Cariology, Academic Centre for Dentistry Amsterdam (ACTA), Universiteit van Amsterdam and Vrije Universiteit, Amsterdam, Netherlands)

Poster Session 37 - Prosthodontics

Chairpersons: B. Koçi and N. Rosenberger

- SP363** Survival and Success of 3D-Printed Crowns: Prospective Cohort Study. P. KNIPS* (Julius-Maximilians-Universität Würzburg, Würzburg, Germany)
- SP364** Long-Term Biological Complications After Tooth Preparation: Trend for Improvement?. C. ZABEL*, M. RÄDEL, P. KORN (Universitätsklinik Dresden, Dresden, Germany)
- P365** Minimal-Intervention Bonded Prostheses Improving Long-Term Esthetics of Crowded Tetracycline-Stained Teeth. M. PIEMJAI* (Department of Prosthodontics, Faculty of Dentistry, Chulalongkorn University, Bangkok, Thailand)
- P366** Accuracy of the Complete-Arch Digital Impressions: a Clinical Study. B. KOÇI*, A. KUSHI, A. SHPATI, A. ALUSHI, E. HALIMI (Faculty of Dental Sciences, Aldent University, Tirana, Albania)
- SP367** 3D-Printed Occlusal Splint Material in a Wear Simulation Device. S. MECHELSE*, S. SPARREBOOM-KALAYKOVA, J. CENCI, T. PEREIRA-CENI, B. VAN OIRSCHOT, B. LOOMANS (Dentistry, RadboudUMC, Nijmegen, Gelderland, Netherlands)
- SP368** Adhesion Guided Device Ensures Uniform Layering in RBFDPs Adhesive Interfaces. T. OKAWA*, K. NAKAMURA, Y. AYUKAWA (Section of Implant and Reconstructive Dentistry, Kyushu University, Fukuoka, Fukuoka, Japan)
- P369** Success of Posterior RBFDPs With Different Preparation- and Framework- Designs. D. RUNGE*, N. BARTELS, H. MEIßNER, N. PASSIA (Department of Prosthodontics, Faculty of Medicine Carl Gustav Carus, Dresden University of Technology, Dresden, Germany)
- SP370** Complete Denture Soft Liners Improve Biting, Mastication, and Life Quality. Y. AL-MOHAMMAD*, C. KELLY, E. SZALAI, K. FAZEKAS, Z. GÉCZI, M. KIVOVICS, P. HEGYI, G. VARGA (Center for Translational Medicine, Semmelweis University, Budapest, Budapest, Hungary)
- P371** Orthopantomographic Assessment of Alveolar Bone Loss Adjacent to Overhanging Fixed Prosthetic Restorations. K. ZLATANOVSKA*, M. PETROVSKI, N. LONGUROVA, J. ZARKOVA ATANASOVA, S. ATANASOVA, B. NIKOLOVSKI, L. PROSHEVA PELIVANOVA, I. KOVACHEVSKA, K. PAPAOKA, S. CARCEVA SALJA, P. APOSTOLOSKI, L. ARSOVSKI (Faculty of Medical Sciences, Goce Delcev University, Stip, Macedonia (the former Yugoslav Republic of))
- SP372** The Impact of Dental Tourism on Finnish Public Healthcare System. T. SOSALA*, S. RIIVARI, A. SUOMINEN, T. NÄRHI, J. BIJELIC-DONOVA (Wellbeing Services County of Southwest Finland, Turku, Finland)
- SP373** Effect of 3D-Printed Tray Thickness on Impression Accuracy. N. ROSENBERGER*, J. SCHRENKER, C. WASSERMANN, M. SCHMITTER, C. HÖHNE (Department of Prosthodontics, University Hospital Wuerzburg, Wuerzburg, Bavaria, Germany)



Saturday, 05 September 2026, 10:00 - 10:30

Coffee Break, Exhibition Area

Saturday, 05 September 2026, 10:30 - 12:30

Room 7 - Sophia De Mello Breyner

**Symposium by Young CED-IADR: Colgate - Young CED-IADR: Oral Microbiome and Systemic Health
(Supported by Colgate)**

Chairperson: A. Georgiou

O314	10:30	Impaired Nitrate Metabolism in Periodontitis: Implications for Cardiometabolic Health. B. ROSIER* (Oral Microbiome Lab, FISABIO, Valencia, Spain)
O315	11:05.	The Oral–Brain Axis: a Missing Link in the Multifactorial Nature of Age-Related Dementia. X. GALLART PALAU* (Miguel Servet Tenure-Track Position (ISCIII) / Assistant Professor / Head of +Pec Proteomics Research Group (IRBLLEIDA), Lleida, Spain)
O316	11:40	Beyond the Mouth: Exploring Oral-Gut Microbiome Interactions. J. MORAIS* (Faculty of Nutrition and Food Sciences, University of Porto (FCNAUP), Porto, Portugal)
	12:15	Discussion.

Saturday, 05 September 2026, 10:30 - 12:30

Room 6 - Almada Negeiros

**Symposium: New insights in Periodontal Regeneration: From Biological Foundations to Clinical Practice
(Organised by SEPA)**

Chairperson: N. Ambrosio

O311	10:30	Modern Approaches in Periodontal Regeneration: Technique Selection and Clinical Application. D. PALOMBO* (Complutense University of Madrid, Madrid, Spain)
O312	11:05	Non-Surgical Approach in Periodontal Regeneration. Is it an Option? Y. LEIRA* (Miguel Servet Researcher (Clinical Neurosciences Research Laboratory, Health Research Institute of Santiago de Compostela, Santiago de, Spain)
O313	11:40.	Use of Emerging Technologies in Surgical Regenerative Procedures. N. SÁNCHEZ* (Department of Dental Clinical Specialties, Faculty of Dentistry, Complutense University of Madrid, Madrid, Spain)
	12:15	Discussion .

Saturday, 05 September 2026, 10:30 - 12:30

Room 1 - Luis de Freitas Branco

Oral Session 38 - Dental Materials: Polymer-based and Bioengineering Materials II

Chairpersons: M. Mutlu and C. Yao

SO317	10:30	Repairability of 3D-Printed-Resins: the Role of Surface Treatment and Repair Material. S. MESELI*, Ö. KANAR, E. ALKAN, I. OGRAK, B. KORKUT, D. TAĞTEKİN (Turkish Ministry of Health Atasehir Dental Hospital, Istanbul, Turkey)
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SO318	10:45	Evaluation the Depth of Cure of Bulk Fill Resin Composites by Microhardness. E. ARAZ*, M.B. UCTASLI (restorative dentistry, Gazi university, Ankara, Ankara, Turkey)
SO319	11:00	Depth-Related Polymerization and Light Transmittance in Zn-Doped Bioactive Glass Composites. M. KELIĆ*, L. RATKOVSKI PIVAC, M. PAR, H. HAUGEN, M. LI, A. BOCCACCINI, Z. TARLE, D. MAROVIC (University of Zagreb School of Dental Medicine, Zagreb, Croatia)
SO320	11:15	Evaluation of Denture Base Adaptation Using Different Manufacturing Techniques. S.S. SATIS*, S. AKMAN (Prosthodontics, Selcuk University, Konya, Turkey)
SO321	11:30	Removal Efficacy of Next-Generation Hydrogels and Effect on Bond-Strength. M. MUTLU* (Endodontics, Selcuk University Faculty of Dentistry, Konya, Turkey)
O322	11:45	Engineering Antibiofilm Resin Composite With Bi-Silanized and CPC-Loaded Nanofiller. C. YAO*, L. ETIENNOT, N. ZAYED, S. LIANG, M. SAGHI, J. VERDONCK, L. LIU, F. ZHANG, W. TEUGHEL, C. HUANG, K. VAN LANDUYT, B. VAN MEERBEEK (Department of Oral Health Sciences, BIOMAT, KU Leuven, Leuven, Belgium)
O348	12:00	Microplastics in Oral Histological Sections: Preliminary Observations Using Polarization Microscopy. V. LOIMARANTA*, J. WILLBERG (Institute of Dentistry, University of Turku, Turku, Finland)

Saturday, 05 September 2026, 10:30 - 12:30

Room 5 - Fernando Pessoa Room

Oral Session 39 - Digital Dentistry, Diagnostic Sciences and Translational Networks

Chairpersons: M. Cernera and J. Vag

O323	10:30	Explainable Artificial Intelligence for the Detection of Oral Mucosal Lesions. J. SCHWÄRZLER*, E. TOLSTAYA, A. TICHY, S. PARIS, F. SCHWENDICKE (Clinic for Conservative Dentistry, Periodontology and Digital Dentistry, LMU University Hospital Munich, München, Bavaria, Germany)
O324	10:45	Rugae-Based Alignment Preserves Matching in Deteriorated Tissues. J. VAG*, A. SHAHBAZI, Á. BAK, S. MIKÓ (Restorative Dentistry and Endodontics, Semmelweis University, Budapest, Hungary)
O325	11:00	Evaluation of the Optical Properties of Different 3D-Printed Resin Materials. T. KOYU*, S. SARIYER (Department of Prosthodontics, Kutahya Health Sciences University, Kutahya, Turkey)
SO326	11:15	Crown Morphology Predicts Pulp Chamber Anatomy via Deep Learning. E. WALTER*, S. VALETTE, A. POKHOJAEV, L. BENZ, L. KONIETZKA, P. ROESCH, K. HECK, R. SARIG, A. HARA, D. MANCINO, A. CHAURASIA, F. SCHWENDICKE, R. RICHERT (Department of Conservative Dentistry, Periodontology and Digital Dentistry, LMU Hospital, Bavaria, Germany)
O327	11:30	A Lightweight Deep Learning Framework to Detect OSCC Arising in Oral Submucous Fibrosis. A. CHAURASIA*, C.C. OFFURUM, R. EKANAYAKE, R.D. JAYASINGHE, S. WADUSINGHEARCHCHI, A.W. IP LO, J. ADEOYE (Oral Medicine and Radiology, King George's Medical University, Lucknow, India)
O328	11:45	Accuracy of Current Intraoral Scanners for Full-Arch Implant Digital Impressions: an in Vitro Study. D. BAMBERG, M. MUTLUAY* (University of Helsinki, Helsinki, Finland)
SO329	12:00	Calcium Silicate Sealers Promote Favorable Biological Responses. M. CERNERA*, I. DIAS, C. MESTRE, J. MARTINS GAMA, D. GATÕES, B. ALVES, A.C. SANTOS, T. DIOGO, S. DIOGO, M.F. BOTELHO, M. MARQUES-FERREIRA, S. REBIMBAS GUERREIRO, G. SPAGNUOLO, C.M. MARTO, M. LARANJO (Department of Neurosciences, Reproductive and Odontostomatological Sciences, University of Naples, "Federico II", Naples, Italy)
	12:15	Discussion.

Saturday, 05 September 2026, 10:30 - 12:30

Room 13 - Amalia Rodrigues Room

Oral Session 40 - Pulp Biology, Clinical Translation and Women in Science

Chairpersons: I. Arenius and S. Sharma



- O331** 10:30 Effects of Calcium Silicate Material on Pulp Fibroblast-Macrophage Interactions. T. GIRAUD*, C. LE FOURNIS, C. JEANNEAU, I. ABOUT (Centre National de la Recherche Scientifique, Institut des Sciences du Mouvement, UMR 7287, Aix Marseille University, Marseille, France)
- SO332** 10:45 C5a Scaffold Promotes Macrophage Anti-Inflammatory Potential. B. AMIRI*, T. GIRAUD, M. DJOUDI, G. RICHARD, C. JEANNEAU, I. ABOUT (Centre National de la Recherche Scientifique, Institut des Sciences du Mouvement, UMR 7287, Aix Marseille Université, Marseille, France)
- O333** 11:00 Complement C3a Regulates Macrophage Recruitment and Polarization During Pulp Inflammation. P. RUFAS*, B. AMIRI, T. GIRAUD, C. JEANNEAU, I. ABOUT (Centre National de la Recherche Scientifique, Institut des Sciences du Mouvement, UMR 7287, Aix Marseille Université, Marseille, France)
- SO334** 11:15 Outcomes of Premixed Calcium-Aluminosilicate Fillings in Open Apices. B. KÖKCI*, S. BELLİ (Endodontics, Selçuk University, Selçuklu, Konya, Turkey)
- SO335** 11:30 Oral Health After Kidney Transplantation – a Two-Year Follow-Up Study. I. ARENIUS*, N. KARITA, H. RUOKONEN, F. ORTIZ, J. MEURMAN (Oral and Maxillofacial Diseases, University of Helsinki, Helsinki, Finland)
- O336** 11:45 Clinical Versus Intraoral Scanner Assessment of Dental Plaque in a Real-World Study. F. DECUP, D. CHACUN, A. RAHALI, M. GUILLET*, C. MAILLET, J. MWENGE WAMBEL, B. ROBERT GRANGE, B. GROSGOGEAT, RECOL NETWORK (Université Lyon 1, Faculté d'Odontologie, Laboratoire des Multimatériaux et des Interfaces LMI 5615 et Réseau ReCOL, Lyon, France)
- SO337** 12:00 Dose-Response Effects of Chlorhexidine Mouthwash on Salivary and Vascular Outcomes. S. SHARMA*, A. SHEPHERD, C. LOUCA, S. HAFIZI, A. LAWAL, R. BESCOS, A. PATEL, O. BAILEY, M. MUTAHAR (School of Dental, Health and Care Professions (SDHCP), Faculty of Science and Health, University of Portsmouth, Portsmouth, United Kingdom)
- O338** 12:15 Metabolomics Analysis in Saliva From Women With Moderate-Severe Obesity. F. BRITO*, L. COSTA, R. NORBERTO, L. FREITAS-FERNANDES, A.P. VALENTE, T. FIDALGO (Periodontology Department, Rio de Janeiro State University, Rio de Janeiro, Rio de Janeiro, Brazil)

Saturday, 05 September 2026, 10:30 - 12:30

Room 9 - Maria Helena Vieira da Silva Room

Oral Session 41 - Dental Materials: Instruments, Equipment and Other Materials

Chairpersons: A. Atmeh and Y. Soliman

- SO339** 10:30 Handheld Light-Curing Devices for Intraoral Repair of 3D-Printed Permanent Restorations. Y. SOLIMAN*, O. ISMAIL, M. MUTLUAY, A. TEZVERGIL-MUTLUAY (Department of Cariology and Restorative Dentistry, Institute of Dentistry, University of Turku, Turku, Finland)
- O340** 10:45 Heat Treatment vs. Temperature: Factors Affecting NiTi Endodontic Instrument Performance. A. ATMEH*, S. ALQALLAF, R. EL ABED, A. AL-JADAA (Hamdan Bin Mohammed College of Dental Medicine, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, United Arab Emirates)
- SO341** 11:00 A Novel NiTi Instrument to Enhance Apical Gauging Accuracy. F. TRAINO*, N.G. ARMOGIDA, L. ESPOSITO, M. CERNERA, G. SPAGNUOLO, A. IANDOLO, D. ABDELLATIF (Department of Neurosciences, Reproductive Sciences and Dentistry, University of Naples Federico II, Naples, Naples, Italy)
- SO342** 11:15 BioRoot RCS Modification With Apatites and Whitlockite Enhances Physicochemical Performance. P. MOZÛRAITĖ*, G. BILVINAITE, S. DRUKTEINIS, S. SAKIRZANOVAS (Faculty of Medicine, Institute of Dentistry, Vilnius University, Vilnius, Lithuania)
- SO344** 11:30 Adverse Effects of Analgesic Use in Patients With Acute Dental Pain. L. VRANIC*, L. ŠIMUNOVIĆ, D. NEGOVETIĆ VRANIĆ, I. ŠUTEJ (School of Dental medicine University of Zagreb, Zagreb, Croatia)
- O346** 11:45 Durability of Different Resin-Based Composite Types Under Severe Wear Simulation. T. HORIE*, M. KIREILYTĖ, A. NASCIMENTO, A. TSUJIMOTO, B. VAN MEERBEEK, M. VIVAN CARDOSO (Department of Oral Health Sciences, BIOMAT & UZ Leuven, Dentistry, KU Leuven, Leuven, Belgium)
- 12:00 Discussion