

July 21, 2021

[Non-Viral Nanoparticles Delivering Plasmid DNA Encoding miR-200c for Regenerative Endodontics](#)

Summary: miR-200c might potentially be used as a novel therapeutic agent for vital pulp therapy and endodontic regeneration

Presenting Author: Tadmamol Krongbarammee

Presentation ID: 0375

Presentation Type: Poster Session

Group/Network Category: Pulp Biology & Regeneration Research

This abstract is a part of the Poster Session: [62 - Pulp Biology & Regeneration I](#)

Live Session Time: 7/21/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[View Abstract](#)

[IRF6 Variants are Associated With South African Orofacial Clefts](#)

Summary: Novel variants in the IRF6 genes have been found to associated with cleft lip and palate in a South African population.

Presenting Author: Chinyere Adeleke

Presentation ID: 0190

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [38 - Clefting & Molecular Biology I](#)

Live Session Time: 7/21/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[Expanding on Occlusion Phenotypes in Non-Syndromic Orofacial Clefting](#)

Summary: In order to expand on phenotypes exhibited in non-syndromic orofacial clefting (OFC), a multisite study examining 34 occlusion variables was carried out, revealing many significant differences between unaffected relatives of OFC patients and controls.

Presenting Author: Jennifer Greif

Presentation ID: 0337

Presentation Type: Poster Session

Group/Network Category: Orthodontics Research

This abstract is a part of the Poster Session: [56 - Orthognathic Surgery-Cleft Research](#)

Live Session Time: 7/21/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

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[P53, Alcohol, Tobacco and Oral Cancer: a Meta-Analysis](#)

Summary: This project is a meta-analysis examining the interactions among the gene p53's expression and mutation and alcohol and tobacco use.

Presenting Author: Carissa Cornick

Presentation ID: 0316

Presentation Type: Poster Session

Group/Network Category: Oral Medicine & Pathology Research

This abstract is a part of the Poster Session: [54 - Oral Medicine & Pathology Research I](#)

Live Session Time: 7/21/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Candidate Gene Variant Analyses in Orofacial Clefts in Multi-Ethnic Populations](#)

Summary: We found variants that may provide potential explanations for the missing heritability of orofacial clefts in five candidate genes in individuals with orofacial clefts from multi-ethnic populations.

Presenting Author: Mary Li

Presentation ID: 0188

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [38 - Clefting & Molecular Biology I](#)

Live Session Time: 7/21/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[View Poster Session](#)

[View Abstract](#)

[Modeling Dental Caries Trajectories Over a Life-Course Using a Machine Learning Technique](#)

Summary: This is a cohort study of caries trajectories from childhood to early adulthood using unsupervised machine learning techniques.

Presenting Author: Chukwuebuka Ogwo

Presentation ID: 0424

Presentation Type: Oral Session

Group/Network Category: Behavioral, Epidemiologic and Health Services Research

This abstract is a part of the Oral Session: [73 - Machine Learning & Simulation Models to Predict Oral Health Outcomes](#)

Live Session Time: 7/21/2021 | 1:30 PM TO 3:00 PM Eastern Daylight Time

[View Preview Slides](#)

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Alterations in the Oral Microbiome Associated With SARS nCov2 Infection

Summary: The goal of this investigation is to examine the salivary microbial community alterations in asymptomatic and symptomatic COVID-19 patients and healthy controls

Presenting Author: Ahmed Sidahmed

Presentation ID: 0464

Presentation Type: Poster Session

Group/Network Category: AADR Hatton Competition

This abstract is a part of the Poster Session: [81 - Junior Category: AADR Hatton Competition](#)

Live Session Time: 7/21/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Objective and Subjective Noise Assessment on High-Vacuum Extraoral Evacuation Unit

Summary: Assessment of COVID-19 extraoral evacuation unit using objective noise testing and subjective perceptions of noise in order to promote active noise protection methods during aerosol dental treatment.

Presenting Author: Benjamin Phan

Presentation ID: 0491

Presentation Type: Poster Session

Group/Network Category: Behavioral, Epidemiologic and Health Services Research

This abstract is a part of the Poster Session: [84 - Impact of COVID-19 on Utilization of Oral Health Services](#)

Live Session Time: 7/21/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

RARE VARIANTS in NON-CODING REGULATORY REGIONS and NON-SYNDROMIC OROFACIAL CLEFTS

Summary: We investigated and showed a role for rare variants in non-coding regulatory part of the human genome in an attempt to determine the missing heritability for Non-syndromic orofacial clefts.

Presenting Author: Azeez Alade

Presentation ID: 0520

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [88 - Craniofacial Development I](#)
Live Session Time: 7/21/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

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RARE VARIANTS in NON-CODING REGULATORY REGIONS and NON-SYNDROMIC OROFACIAL CLEFTS

Summary: We investigated and showed a role for rare variants in non-coding regulatory part of the human genome in an attempt to determine the missing heritability for Non-syndromic orofacial clefts.

Presenting Author: Azeez Alade

Presentation ID: 0520

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [88 - Craniofacial Development I](#)

Live Session Time: 7/21/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Whole-Genome-Sequencing Reveals de-Novo Mutations Associated With Nonsyndromic Cleft Lip/Palate

Summary: Whole genome sequencing analysis of nonsyndromic orofacial cleft African cohort uncovers pathogenic de novo mutations that may explain the genetic contribution to the risk of the birth defect.

Presenting Author: Waheed Awotoye

Presentation ID: 0480

Presentation Type: Poster Session

Group/Network Category: AADR Hatton Competition

This abstract is a part of the Poster Session: [83 - Senior Category: AADR Hatton Competition](#)

Live Session Time: 7/21/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

July 22, 2021

[Therapeutic Delivery of MicroRNA to Inhibit Premature Suture Closure](#)

Summary: We use new biotechnology to inhibit pre-mature suture closure in the Twist-1 craniosynostosis mouse model, a new therapeutic approach

Presenting Author: Brad Amendt

Presentation ID: 0794

Presentation Type: Oral Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Oral Session: [126 - Clefting, Morphogenesis & Molecular Signaling I](#)

Live Session Time: 7/22/2021 | 8:00 AM TO 9:30 AM Eastern Daylight Time

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[TRAF3IP2-Mediated IL-17 Pathway Enhances Gingival Defense in Periodontitis](#)

Summary: TRAF3IP2, a non-redundant IL-17 receptor adapter, mediated homeostatic IL-17 plays an essential role in P.g induced periodontitis through enhancing mucosal barrier defense.

Presenting Author: Shaoping Zhang

Presentation ID: 1056

Presentation Type: Poster Session

Group/Network Category: Periodontal Research-Pathogenesis

This abstract is a part of the Poster Session: [161 - Pathogenesis III: Host Response Modulation](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[Dentin and Enamel Bond Strength of a Self-Cured Universal Adhesive](#)

Summary: This study tested the immediate and long-term bond strength of a relatively new self-cured universal adhesive system in comparison to a light-cured universal adhesive.

Presenting Author: Cristina Vidal

Presentation ID: 0933

Presentation Type: Poster Session

Group/Network Category: Dental Materials 4: Adhesion

This abstract is a part of the Poster Session: [145 - Adhesion III: Universal Adhesives](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Surgery Start Time and Early Implant Failure: a Retrospective Assessment](#)

Summary: Surgery Start Time and Early Implant Failure: A Retrospective Assessment

Presenting Author: Megha Puranam

Presentation ID: 1064

Presentation Type: Poster Session

Group/Network Category: Periodontal Research-Therapy

This abstract is a part of the Poster Session: [162 - Therapy III: Factors & Techniques to Improve Bone & Implant Outcomes](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[Variables Associated With Changes in Dental Student Attitudes Post Poverty Simulation](#)

Summary: Variables Associated with Changes in Dental Student Attitudes Post Poverty Simulation

Presenting Author: Sheng Hao Lu

Presentation ID: 0962

Presentation Type: Poster Session

Group/Network Category: Education Research

This abstract is a part of the Poster Session: [149 - Interprofessional Education & Challenges of the Ageing Population](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Role of Toll-Like Receptors in Peri-Implantitis Pathogenesis](#)

Summary: Significant and distinct upregulation of TLRs were identified in peri-implantitis when compared to health and periodontitis, suggesting the differential pathogenesis of peri-implantitis.

Presenting Author: Teagan Byrnes

Presentation ID: 1055

Presentation Type: Poster Session

Group/Network Category: Periodontal Research-Pathogenesis

This abstract is a part of the Poster Session: [161 - Pathogenesis III: Host Response Modulation](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Oral Self-Care Function in Older Adults With Various Cognitive Abilities

Summary: Quality of oral self-care in people with dementia begins to decline as early as mild dementia although the activity is well-preserved in late stage dementia.

Presenting Author: Jirakate Madiloggovit

Presentation ID: 0973

Presentation Type: Poster Session

Group/Network Category: Geriatric Oral Research

This abstract is a part of the Poster Session: [150 - Geriatric Oral Research I](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[View Abstract](#)

Palatal Shelf Elevation Requires Arhgap29 in Oral Epithelial Cells

Summary: Conditional deletion of Arhgap29 in oral epithelial cells leads to delayed palate shelf elevation in mice, possibly explained in part by altered proliferation in these tissues.

Presenting Author: Bethany Doolittle

Presentation ID: 0905

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [142 - Clefting & Molecular Biology II](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Improve Toothbrushing in Adolescents Using SMS Social Media

Summary: Our pilot study explores the effects of a healthy text message system and smartphone-based intervention on adolescent tooth brushing behavior and dietary choices.

Presenting Author: Susana Calderon

Presentation ID: 1026

Presentation Type: Poster Session

Group/Network Category: Oral Health Research

This abstract is a part of the Poster Session: [157 - Pediatric Oral Health](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Activities of Daily Living and Difficulty Eating Among Older Iowans

Summary: This cross-sectional study analyzed the relationship of older adults' daily dependency on others and mouth pain to determine potentially meaningful indicators for subsequent dental evaluation.

Presenting Author: Bobby LeWarne

Presentation ID: 0968

Presentation Type: Poster Session

Group/Network Category: Geriatric Oral Research

This abstract is a part of the Poster Session: [150 - Geriatric Oral Research I](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Attitudes of Dental Education Personnel Towards the LGBTQ+ Community

Summary: Results of an "Attitudes Toward LGBT Patient Scale" survey completed by dental school faculty and staff will be presented.

Presenting Author: Shannon Osland

Presentation ID: 0878

Presentation Type: Poster Session

Group/Network Category: Behavioral, Epidemiologic and Health Services Research

This abstract is a part of the Poster Session: [138 - Person Centered Care](#)

Live Session Time: 7/22/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster Session](#)

[View Abstract](#)

Characterization of Wolf-Hirschhorn Syndrome Candidate 1 (Whsc1) in Pitx2-miR-23/24-Mediated Tooth Development

Summary: Characterization of Whsc1 in tooth development

Presenting Author: Dan Su

Presentation ID: 1232

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [191 - Craniofacial Development II](#)

Live Session Time: 7/22/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

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[View Poster Session](#)

[View Abstract](#)

Effect of Fluoride Topical Agents in Preventing Secondary Root Caries

Summary: The silver diamine fluoride (SDF) and sodium fluoride (NaF) agents could prevent secondary caries on the glass ionomer type of restorations.

Presenting Author: Yun Jung Kim

Presentation ID: 1208

Presentation Type: Poster Session

Group/Network Category: Cariology Research-Demineralization/Remineralization

This abstract is a part of the Poster Session: [188 - Cariology Research:](#)

[Demineralization/Remineralization II](#)

Live Session Time: 7/22/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Evaluating Marketed Oral Probiotics for Inhibiting Clinical Strains of Streptococcus-Mutans

Summary: Isolating probiotic strains from marketed products and looking at their potential inhibitory effect on cariogenic and health-related bacteria.

Presenting Author: Mohammadhossein Tajik

Presentation ID: 1217

Presentation Type: Poster Session

Group/Network Category: Cariology Research-Microbiological Studies/Biofilm

This abstract is a part of the Poster Session: [189 - Cariology Research: Microbiological](#)

[Studies/Biofilm II](#)

Live Session Time: 7/22/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Evaluation of U.S. Dentist Response Rates to Web-Based Surveys

Summary: We examined dentist response rates to online surveys by conducting a systematic literature search using PRISMA guidelines to identify trends and features associated with higher response rates.

Presenting Author: Jamie Liu

Presentation ID: 1191

Presentation Type: Poster Session

Group/Network Category: Behavioral, Epidemiologic and Health Services Research

This abstract is a part of the Poster Session: [186 - Evaluation & Research in Oral Health](#)

Live Session Time: 7/22/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

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[View Abstract](#)

Spatial-Temporal Transcriptomic Profiling of the Initiation of Tooth Development

Summary: We generated spatial temporal transcriptome profiles of epithelial and mesenchymal cells that are critical for initiation of the tooth development program.

Presenting Author: Huojun Cao

Presentation ID: 1229

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [*191 - Craniofacial Development II*](#)

Live Session Time: 7/22/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

July 23, 2021

[Identification of an Essential Role for MEMO1 in Amelogenesis](#)

Summary: Using in vitro and in vivo models to assess the role of the protein MEMO1 in ameloblast and enamel development

Presenting Author: Eric Van Otterloo

Presentation ID: 1472

Presentation Type: Oral Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Oral Session: [230 - Clefting, Morphogenesis & Molecular Signaling II](#)

Live Session Time: 7/23/2021 | 8:00 AM TO 9:30 AM Eastern Daylight Time

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[DNA Methylation in Twins Discordant for van der Woude Syndrome](#)

Summary: Epigenetics of orofacial clefts

Presenting Author: Aline Petrin

Presentation ID: 1471

Presentation Type: Oral Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Oral Session: [230 - Clefting, Morphogenesis & Molecular Signaling II](#)

Live Session Time: 7/23/2021 | 8:00 AM TO 9:30 AM Eastern Daylight Time

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[Sustained Release of miR-200c From 3D-Printed PCL Induces Bone Regeneration](#)

Summary: Sustained release of microRNA-200c from 3D-printed tissue-engineered scaffolds prolongs regenerative signaling to effectively enhance bone regeneration in critical-sized bone defects.

Presenting Author: Matthew Remy

Presentation ID: 1499

Presentation Type: Oral Session

Group/Network Category: Mineralized Tissue

This abstract is a part of the Oral Session: [236 - Regeneration, Repair and Therapies for Dental Tissues](#)

Live Session Time: 7/23/2021 | 8:00 AM TO 9:30 AM Eastern Daylight Time

[View Preview Slides](#)

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[The Enrichment of Craniofacial Super-Enhancers in Craniofacial Microsomia Associated Genes](#)

Summary: Super-enhancers are highly enriched in craniofacial microsomia associated genes.

Presenting Author: Shankar Rengasamy Venugopalan

Presentation ID: 1469

Presentation Type: Oral Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Oral Session: [230 - Clefting, Morphogenesis & Molecular Signaling II](#)

Live Session Time: 7/23/2021 | 8:00 AM TO 9:30 AM Eastern Daylight Time

[View Preview Slides](#)

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[The Human Oral Microbiome and Oral Cancer: a Meta-Analysis](#)

Summary: A meta-analysis indicates that the relationship between microbiological factors and oral cancer merits further exploration..

Presenting Author: Tabitha Peter

Presentation ID: 1632

Presentation Type: Poster Session

Group/Network Category: Microbiology/Immunology

This abstract is a part of the Poster Session: [254 - OMICS II](#)

Live Session Time: 7/23/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Primary Incisor Crowding: Association With Children's Caries Risk](#)

Summary: This study looks at primary incisor crowding and its association with children's caries risk.

Presenting Author: Martha Ann Keels

Presentation ID: 1544

Presentation Type: Poster Session

Group/Network Category: Cariology Research-Clinical & Epidemiological Studies

This abstract is a part of the Poster Session: [243 - Epidemiology of Dental Caries: From Birth to Adolescence](#)

Live Session Time: 7/23/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

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[Use of Social Media by Dental Students and Recent Alumni](#)

Summary: Social media is an evolving tool that guides dietary counseling for oral health and this study looks at its use among students' and alumni's and their perception of social media food and nutrition content reliability.

Presenting Author: Madison Kasparek

Presentation ID: 1664

Presentation Type: Poster Session

Group/Network Category: Nutrition Research

This abstract is a part of the Poster Session: [258 - Nutrition & Diet Interrelationships to Oral & Systemic Health](#)

Live Session Time: 7/23/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Biomimetic Nanofibrous 3D Scaffolds for Craniofacial Bone Repair](#)

Summary: This research highlights the development of novel biomimetic and nanofibrous polymeric based scaffolds and composite scaffolds and their role in repair of critically sized cranio-facial bone defects.

Presenting Author: Jacob Miszuk

Presentation ID: 1594

Presentation Type: Poster Session

Group/Network Category: Dental Materials 5: Biocompatibility, Bioengineering and Biologic Effects of Materials

This abstract is a part of the Poster Session: [249 - Regenerative Biomaterials and Approaches for Hard Tissue Regeneration](#)

Live Session Time: 7/23/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

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[Subgingival Immune Signatures of Metabolic Syndrome](#)

Summary: An increase in the proinflammatory cytokines and signature adipokines in periodontally healthy patients with Metabolic Syndrome and obesity indicates an at-risk-for-environment even before the onset of clinical disease.

Presenting Author: Sydney Woods

Presentation ID: 1845

Presentation Type: Oral Session

Group/Network Category: Periodontal Research-Pathogenesis

This abstract is a part of the Oral Session: [288 - Host Response Modulation & Periodontal Diseases Pathogenesis](#)

Live Session Time: 7/23/2021 | 2:00 PM TO 3:30 PM Eastern Daylight Time

[View Preview Slides](#)

[View Oral Session](#)

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[Antagonisms Between S. Mutans and Streptococci From Children](#)

Summary: We investigated the relationship between Streptococcus mutans and commensal streptococcus in children

Presenting Author: Thomas Scroggs

Presentation ID: 2054

Presentation Type: Poster Session

Group/Network Category: Microbiology/Immunology

This abstract is a part of the Poster Session: [312 - Streptococci II](#)

Live Session Time: 7/23/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Association Rule Mining Identifies Interactions Within Dental Caries Microbiome](#)

Summary: The study attempts to computationally discover microbial and functional interactions based on metagenomics and metatranscriptomics data.

Presenting Author: Miyuraj Harishchandra Hikkaduwa Withanage

Presentation ID: 1322

Presentation Type: Poster Session

Group/Network Category: Microbiology/Immunology

This abstract is a part of the Poster Session: [203 - OMICs](#)

Live Session Time: 7/22/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Digital Analysis of Cleft Lip Scar for Wound Healing Characterization](#)

Summary: Digital analysis of cleft lip revealed that race and age are associated with the scar formation.

Presenting Author: Sang Han

Presentation ID: 1942

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [300 - Growth, Development & Wound Healing](#)

Live Session Time: 7/23/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Metabolites of Commensal Streptococcus Gordonii Attenuate Inflammation

Summary: Sg metabolites may represent a new tool for the treatment and prevention of periodontitis by maintaining microbiome symbiosis and modulating the immune responses of host cells

Presenting Author: YI SHU

Presentation ID: 2122

Presentation Type: Poster Session

Group/Network Category: Periodontal Research-Therapy

This abstract is a part of the Poster Session: [320 - Therapy VI: Outcomes of Host-modulatory & Anti-microbial Non-surgical Therapy](#)

Live Session Time: 7/23/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

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The Role of Interferon for Ligature-Induced Periodontitis in Mice

Summary: IFN- β pathway plays a protective role in the ligature-induced alveolar bone loss in mice by dampening local neutrophil and IL-17+ immune cell recruitment.

Presenting Author: Jinmei Zhang

Presentation ID: 2046

Presentation Type: Poster Session

Group/Network Category: Microbiology/Immunology

This abstract is a part of the Poster Session: [311 - Host-pathogen Interactions](#)

Live Session Time: 7/23/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Risk of Bias Impact on Root Coverage Outcomes

Summary: Risk of bias on relevant outcomes reported in randomized controlled trials (RCT) evaluating the efficacy of the coronally advanced flap combined with a subepithelial connective tissue graft (CAF+CTG) to correct gingival recession defects.

Presenting Author: Katherine Moore

Presentation ID: 2011

Presentation Type: Poster Session

Group/Network Category: Evidence-based Dentistry Network

This abstract is a part of the Poster Session: [307 - Evidence-based Dentistry Network II](#)

Live Session Time: 7/23/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

Sonic Hedgehog Variants in Puerto Ricans With Non-Syndromic Oral Clefts

Summary: Specific mutations identified through SHH gene sequencing may affect both structural and functional protein changes involved in development of non-syndromic orofacial cleft in the Puerto Rican population.

Presenting Author: Valeria Bravo

Presentation ID: 1897

Presentation Type: Poster Session

Group/Network Category: SCADA

This abstract is a part of the Poster Session: [294 - SCADA: Clinical Science/Public Health Research II](#)

Live Session Time: 7/23/2021 | 3:45 PM TO 4:45 PM Eastern Daylight Time

[View Recording](#)

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

July 24, 2021

[Social Support, Parental Stress and Locus of Control Among Mothers and Their Relationship With Early Childhood Caries in Jerusalem Area, Palestine](#)

Summary: Impact of Socio Psychological factors on ECC among preschoolers

Presenting Author: Elham Kateeb

Presentation ID: 2169

Presentation Type: Oral Session

Group/Network Category: Behavioral, Epidemiologic and Health Services Research

This abstract is a part of the Oral Session: [331 - Role of Psychosocial, Cultural & Social Support in Improving Oral Health](#)

Live Session Time: 7/24/2021 | 8:00 AM TO 9:30 AM Eastern Daylight Time

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[View Oral Session](#)

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[Simulated Health Outcomes of Dental Caries Prevention in US Children](#)

Summary: We projected health outcomes of three risk-based interventions for caries prevention in US children using a decision tree simulation model.

Presenting Author: Tran Doan

Presentation ID: 2253

Presentation Type: Poster Session

Group/Network Category: Cariology Research-Clinical & Epidemiological Studies

This abstract is a part of the Poster Session: [346 - New Approaches: Education, Oral Health & Impact of COVID-19](#)

Live Session Time: 7/24/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Poster](#)

[View Poster Session](#)

[View Abstract](#)

[Nanoclay-Mediated Osteoinductive Factors Sustained Release for Bone Tissue Engineering](#)

Summary: Nanoclay-mediated sustained drug release is an innovative and effective approach for bone tissue engineering

Presenting Author: Jue Hu

Presentation ID: 2292

Presentation Type: Poster Session

Group/Network Category: Dental Materials 2: Polymer-based Materials

This abstract is a part of the Poster Session: [350 - Polymer-based Materials VII](#)

Live Session Time: 7/24/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

[View Recording](#)

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[View Abstract](#)

[Provider Perspective on Returning Secondary Genetic Findings in Africa](#)

Summary: Next-generation sequencing techniques generate vast amounts of data; the utility of the results, including secondary findings, are affected by several factors in the African continent; this study will examine providers' perspectives to determine the information most beneficial to equip clinicians on the return of secondary finding adequately.

Presenting Author: Oladayo Abimbola

Presentation ID: 2260

Presentation Type: Poster Session

Group/Network Category: Craniofacial Biology Research

This abstract is a part of the Poster Session: [347 - Morphology & Orthodontics](#)

Live Session Time: 7/24/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[Fabrication and Characterization of 3D Nanofibrous PLLA Scaffolds for Osteogenesis](#)

Summary: To combat the additional cost, time, and pain required by autographs, I have sought to fabricate and characterize an alloplastic graft scaffolding made of poly-lactic acid capable of inducing osteogenesis in small bony defects.

Presenting Author: Cyrus Mansouri

Presentation ID: 2396

Presentation Type: Poster Session

Group/Network Category: Oral & Maxillofacial Surgery Research

This abstract is a part of the Poster Session: [363 - Wound Healing & Tissue Regeneration Research](#)

Live Session Time: 7/24/2021 | 11:00 AM TO 12:00 PM Eastern Daylight Time

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[Functionalization of 3D Printed Poly\(\$\epsilon\$ -Caprolactone\) Scaffolds for Bone Tissue Engineering](#)

Summary: Synthetic scaffolds were fabricated via 3D printing and evaluated for their bioavailability and osteogenic capabilities to assess their potential in bone tissue engineering.

Presenting Author: Larkin Jacobson

Presentation ID: 2395

Presentation Type: Poster Session

Group/Network Category: Oral & Maxillofacial Surgery Research

This abstract is a part of the Poster Session: [363 - Wound Healing & Tissue Regeneration Research](#)

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