**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: Tadkamol Krongbaramee  
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 Poster Session](#)  
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**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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[View Poster Session](#)  
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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  
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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 Comnick  
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

**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

**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
**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

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**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

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

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

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

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
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

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

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
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

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

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
**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](#)  
[View Poster](#)  
[View Poster Session](#)  
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**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

**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

**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

**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
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
View Preview Slides
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View Abstract

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
View Recording
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View Oral Session
View Abstract

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
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

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

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

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**  
**View Abstract**

**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**
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

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

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
**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.

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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.

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**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.
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
View Recording
View Preview Slides
View Oral Session
View Abstract

**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
LiveSession 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
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

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

Functionalization of 3D Printed Poly(ε-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