

**IADR ABSTRACTS:** Please note, the February Bulletin did not capture all of the IADR abstracts (in particular those from our Faculty and students at The Forsyth Institute). I believe I have captured all abstract here. Thank you for your feedback.

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Subgingival Microbiota of Periodontal Health  
SOCRANSKY, JAPLIT, YASKELL, MARTIN, HAFFAJEE

Role of IL-1 and Estrogen in Immunity to Disseminating Infections  
YOUSSEF, STASHENKO

A Histological Evaluation of a New Adhesive/ Composite Restorative System  
DOGON, MURRAY

Role of IL-1 and Estrogen in Immunity to Disseminating Infections  
YOUSSEF, STASHENKO

Use of a Conventional Toothbrush Compared to a Natural Product  
FANCHIN, FILHO, GOODSON, KOZLOWSKI

Salivary Pharmacokinetics of a 5-day, 750 mg Dose of Metronidazole  
KOZLOWSKI, HAFFAJEE, GROPPA, GOODSON

Negative Urea Amidohydrolase Test in Oral Bacteria  
FILHO, SANTOS, SOCRANSKY, GOODSON, KOZLOWSKI

The Role of ALCAM in Osteoclastogenesis  
SASAKI, SHOJI, OKAMATSU, STASHENKO

Salivary Cadmium Levels in Normal Healthy Subjects  
KOZLOWSKI, HAFFAJEE, MAGER, LEONEL, MARGOLIS, GOODSON

Effect of initial periodontal therapy on proinflammatory cytokines in GCF  
BLACK, YU, HASTURK, WARBINGTON, GUERRERO, KANTARCI, GOODSON, VAN DYKE

Saliva as a Diagnostic Fluid  
HAFFAJEE, MAGER, LEONEL, MARGOLIS, GOODSON

Caries Protection by Intranasal Immunization with Streptococcus mutans GbpB Peptide Z.  
PEACOCK, TAUBMAN, TRANTOLO, SMITH

Changes following different antimicrobial therapies at 6 months.  
PFLUG, HAFFAJEE, TORREYSAP, KASSAB, GUERRERO, SOCRANSKY

Plaque Control - Chemotherapeutic and Mechanical Periodontally Healthy Subjects  
TORREYSAP, HAFFAJEE, BOGREN, WENNSTROM, LINDHE, GOODSON, SOCRANSKY

Cloning of Th1 and Th2-Inducing Antigens of Porphyromonas gingivalis  
CAMPOS NETO, WEBB, BERNARDS, TULLY, STASHENKO

Prevention of New Attachment Loss in Periodontally Healthy Subjects  
TORREYSAP, HAFFAJEE, BOGREN, WENNSTROM, LINDHE, GOODSON, SOCRANSKY

Disease Progression in Periodontally Healthy and Maintenance Subjects. II. Microbiological  
ARGUELLO, TORREYSAP, TELES, HAFFAJEE, GOODSON, BOGREN, WENNSTROM, LINDHE, SOCRANSKY

Effect of Recombinant Amelogenins on Hydroxyapatite Crystal Growth in vitro  
BENIASH, SIMMER, MARGOLIS

Disease Progression in Periodontally Healthy and Maintenance Subjects  
TELES, TORREYSAP, HAFFAJEE, ARGUELLO, BOGREN, WENNSTROM, LINDHE, GOODSON, SOCRANSKY

Periodontal Infection of Mice

GONCALVES, MAKIHIRA, HOSOKAWA, TAUBMAN, DEPAOLA, KAWAI

Distribution of Porphyromonas gingivalis in Gingival Tissues

CHAPPLE, ZOELLNER, SIMONIAN

Periodontal-Systemic Connections Relation of BMI to Periodontal, Microbial and Host Parameters

HAFFAJEE, SOCRANSKY, CARPINO, TELES

Coordinated bioengineering of teeth and bone segments

YOUNG, ABUKAWA, TROULIS, KABAN, VACANTI, BARTLETT, YELICK

Chemotherapeutics – Local Delivery as Adjuncts

GOODSON, HAFFAJEE, WENNSTROM, LINDHE, BOGREN, VAN DYKE, HASTURK, KENT, SOCRANSKY

Cariogenic Bacteria, Biofilm / Plaque, Immunology Early Childhood Caries

AAS, GERSTMANN, BARBUTO, GRIFFEN, LEYS, OLSEN, DEWHIRST, PASTER

Role of Transcription Factor Brn3 in Bone Metabolism

SPATE, BATTAGLINO, SHARMA, JOE, MULLER, STASHENKO

Adjunct Treatment of oral microbial biofilms

SOUKOS, SOM, ABERNETHY, DUNHAM, RUGGIERO, HAMBLIN, DOUKAS, GOODSON

Regulation of Inorganic Pyrophosphate Inhibition of Hydroxyapatite Crystal Growth

LITMAN, MARGOLIS

Multi-Targeted Subunit Vaccines for Dental Caries

RIVERO, KING, TAUBMAN, SMITH

Silica Mineralization of Organized Assemblies of Recombinant Amelogenin

FOWLER, MARGOLIS

Molecular Mechanisms of Fluoride-Induced Cell Stress

KUBOTA, SNEAD, BARTLETT

Functional and Immune Properties of a Putative GTF-Inhibitory Peptide

KING, TAUBMAN, SMITH

Subgingival Microbiota of Periodontal Health

SOGRANSKY, JAPLIT, TINA YASKELL, MARTIN, HAFFAJEE

Periodontal Bacterial DNA is Suppressive for Immune Response to GTF

TAUBMAN, LAROSA, SOGRANSKY, SMITH

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Changes following different antimicrobial therapies at 6 months. II. Microbiological

JAPLIT, HAFFAJEE, SOGRANSKY

Relation of BMI to Periodontal, Microbial and Host Parameters

HAFFAJEE, SOGRANSKY, CARPINO, TELES

Anti-Microbial and Anti-Inflammatory Effects of Tea Polyphenol in Periodontal Disease

TAKA HOSOKAWA, MAKIHIRA, GONCALVES, WAROT, TAUBMAN, KAWAI

Confocal Localization of APC Protein, E-Cadherin, and b-Catenin in Ameloblasts

PRAVDA, DOBECK, SKOBE

Tissue Engineering: Cell Therapy, Mechanical Stimulation, and Materials of teeth and bone segments

YOUNG, ABUKAWA, TROULIS, KABAN, VACANTI, BARTLETT 1, YELICK

MHC Class II Alleles Bound to Glucosyltransferase Select Immunogenic Peptides  
CULSHAW, SMITH, EASTCOTT, TAUBMAN

Immune Potential of Glutamine-Rich Peptides from Streptococcus mutans GbpB  
SHEN, KING, TAUBMAN, SMITH

Fluorosis: A New Model and New insights  
BARTLETT, DWYER, SKOBE, YELICK, PAYNE-FERREIRA

Role of Transcription Factor Brn3 in Bone Metabolism  
SPATE, BATTAGLINO, SHARMA, JOE, MULLER, STASHENKO

Role for TACE in Lymphocyte RANKL Expression in Periodontitis  
MAKIHIRA, KAWAI, HOSOKAWA, KARIMBUX, EASTCOTT, TAUBMAN

Subgingival plaque microbiota in HIV+ Subjects with declining Immune Status  
AAS, BARBUTO, ALPAGOT, OLSEN, DEWHIRST, PASTER

Development of a Human Oral Microbe Identification Microarray  
BOCHES, LEE, PASTER, DEWHIRST

The Influence of Desensitizing on Bond Strength of Dentin Adhesives  
SCHALLER, WERGIN, BEKES

Influence of Vitamin-A on Actinobacillus actinomycetemcomitans Periodontal Infection of Mice  
GONCALVES, MAKIHIRA, HOSOKAWA, TAUBMAN, DEPAOLA, KAWAI

APC, E-Cadherin, and b-Catenin Localization in Enamelysin Knockout Mice  
LEE, DOBECK, MOHAMMED, BARTLETT, SKOBE

Caries Protection by Intranasal Immunization with Streptococcus mutans GbpB Peptide  
PEACOCK, TAUBMAN, TRANTOLO, SMITH

Microbiota of Subgingival and Tongue Samples in Periodontal Health  
TANNER, PASTER, KENT, LU, DEWHIRST, BOUMENNA, SONIS, VAN DYKE

Effect of Porphyromonas gingivalis ceramides on fibroblast gene expression  
ANDERSON, BOCHES, DEWHIRST, BOJARSKI, NICHOLS

Change Following Different Antimicrobial Therapies at 6 Months. I. Clinical  
PFLUG, HAFFAJEE, TORRESYAP, KASSAB, GUERRERO, SOCRANSKY

Expression of Antibacterial Peptides in Periodontal Disease  
HOSOKAWA, HOSOKAWA, GONCALVES, TAUBMAN, KARIMBUX, SUZAWA, KAWAI

Zebrafish acr2a and acr2b exhibit distinct roles in craniofacial development  
ALBERTSON, PAYNE-FERREIRA, YELICK

Fluoride Affects E-Cadherin, b-Catenin, and APC Protein Expression in Ameloblasts  
DOBECK, KUBOTA, PRAVDA, BARTLETT, SKOBE

Cultivable and Uncultivated Treponemes Associated with Health and Periodontal Diseases  
BOUMENNA, KLEIN, LEE, MITCHELL, XIMENEZ-FYVIE, TANNER, PASTER, DEWHIRST

Inducible Nitric Oxide Synthase Regulates Bone Development and Osteoclast Differentiation  
GYURKO, BATTAGLINO, STASHENKO, VAN DYKE

Molecular Analysis of Bacteria Associated with Incipient Early Childhood Caries  
AAS, GERSTMANN, BARBUTO, GRIFFEN, LEYS, OLSEN, DEWHIRST, PASTER

Bond Strength of Resin Adhesive Systems to Enamel and Dentine  
KIMISHIMA, NARA, EGURO, MASEKI, DOGON

Enamelysin (MMP-20) Substrate Specificity and Characterization of Amelogenin Cleavage Products  
TURK, E DWYER, BALLS, CANTLEY, BARTLETT

Bacterial Adhesion on Integrated Abutment Crowns™. In Vivo Study (II)  
MARINCOLA, DIBART, WARBINGTON, SKOBE, URDANETA, CHUANG

The Oral Microbiota of Insulin-dependent Diabetic Subjects and Non-Diabetic Controls  
MAGER, CORBY, GOODSON, MOORE, YASKELL

Bacterial Adhesion on Integrated Abutment Crowns™. In Vitro Study(I)  
DIBART, MARINCOLA, WARBINGTON, SKOBE

Resin Hardening Capacity of Latest LED Light Curing Unit  
KIZUKI, EGURO, SUZUKI, NARA, KIMISHIMA, MASEKI, DOGON

Frequency Analysis of Competence Genes of Streptococcus mutans  
BANG, KLEIN, GONCALVES, FLORIO, SMITH, MATTOS-GRANER

Bond Strength of Self-etching Adhesives to Cervical Abrasion Lesion Dentin  
NARA, NAGAKURA, Y ITO, SUZUKI, KIMISHIMA, MASEKI, DOGON

The Ecology of Biofilms  
GOODSON, ABERNETHY, RUGGIERO, DUNHAM, SKOBE, ROGERS, TEGOS, HAMBLIN, DOUKAS, SOUKOS

Initial Periodontal Therapy: Systemic and/or Locally-delivered Antibiotics as Adjuncts  
GOODSON, HAFFAJEE, WENNSTROM, JINDHE, BOGREN, VAN DYKE, HASTURK, KENT, SOCRANSKY

Human Acquired Enamel Pellicle: Protein Composition and Early Bacterial Constituents  
LI, HELMERHORST, CORLEY, HAFFAJEE, SOCRANSKY, TROXLER, OPPENHEIM

Streptococcus crista strains inhibit Porphyromonas gingivalis epithelial colonization  
TEUGHELDS, HAFFAJEE, HAAKE, NEWMAN, MEI, STEENBERGHE, QUIRYNEN

Photomechanical wave-assisted photodestruction of oral microbial biofilms  
SOUKOS, SOM, ABERNETHY, DUNHAM, RUGGIERO, HAMBLIN, DOUKAS, GOODSON

Responses of human normal osteoblast cells to pulsed electromagnetic fields  
KAMOLMATYAKUL, JINOROSE, PRINYAROJ, LI

Characterization and Validation of a Dental Plaque Microcosm Laboratory Biofilm  
SOM, GOODSON, ABERNETHY, RUGGIERO, JOSHUA DUNHAM, SKOBE, ROGERS, TEGOS, HAMBLIN, DOUKAS, SOUKOS

Immune Mechanisms of Disease microbiota in HIV+ Subjects with declining Immune Status  
AAS, BARBUTO, ALPAGOT, OLSEN, DEWHIRST, PASTER

Clinical Pharmacology and Toxicology  
KOZLOWSKI, HAFFAJEE, GROPPÒ, GOODSON

Fluoride Affects E-Cadherin, b-Catenin, and APC Protein Expression in Ameloblasts  
DOBECK, KUBOTA, PRAVDA, BARTLETT, SKOBE

Adhesion III and Dentine  
KIMISHIMA, NARA, EGURO, MASEKI, DOGON

Gene Expression E-Cadherin, and b-Catenin Localization in Enamelysin Knockout Mice  
LEE, DOBECK, MOHAMMED, BARTLETT, SKOBE

Genomics/Proteomics and Molecular Biology Microarray  
BOCHES, LEE, PASTER, DEWHIRST

Molecular Mechanisms of Fluoride-Induced Cell Stress  
KUBOTA, NEAD, BARTLETT

Silica Mineralization of Organized Assemblies of Recombinant Amelogenin  
FOWLER, MARGOLIS

Rationale for and development of local delivery in the management of periodontal disease  
GOODSON

The Membrane-bound Mucin MUC1 Binds Oral Streptococci X  
LI, WANG, SIQUEIRA, OPPENHEIM, TROXLER

Clinical Oral Microbiology of Insulin-dependent Diabetic Subjects and Non-Diabetic Controls  
MAGER, CORBY, GOODSON, MOORE, YASKELL

Bone Development and Osteoclast Differentiation  
GYURKO, BATTAGLINO, STASHENKO, VAN DYKE

Pro-inflammatory Mediators in Lymphocyte RANKL Expression in Periodontitis  
MAKIHIRA, KAWAI, HOSOKAWA, KARIMBUX, EASTCOTT, TAUBMAN