

4th Meeting of the International Association for Dental Research Asia-Pacific Region 2019 28 - 30 November 2019 Brisbane Convention & Exhibition Centre					
*Please note this program is current as of 26 November and is subject to change.					
Thursday, 28 November 2019					
Plaza Terrace Room					
08:00	Opening Ceremony Prof Camille Farah				
08:30	Plenary Session: Chair: Prof Camille Farah  Research and research translation in the APR of IADR - Prof Eric Reynolds  Convergence of Guided Bone Regeneration Principles into Scaffold-based Bone Tissue Engineering - From bench to bedside back to bench - Prof Dietmar Hutmacher				
09:30	Morning Tea				
10:00	The impact of diabetes on the periodontium Keynote Speaker: Prof Dana Graves Chair: Prof Saso Ivanovski				
	P1	P2	P3 & P4	P5	
10:45	Symposium: Taking the long view of dental longitudinal research: opportunities, challenges and real world implications	Pulp Biology & Regeneration Research	Periodontal Research	Orthodontics Research	Plaza Terrace Room
	Chair: Ratilal Laloo Co-chair: Nicole Storman	Chair: Sepanta Hosseinpour Peter Duckmanton	Chair: Shaili Pradhan Rui Zhang	Chair: Janson Ng Thalca Hamid	Chair: Laurence Walsh
10:45	629: The Longitudinal Study of Australian Children Nicole Storman	378: Efficient plasmid DNA delivery by core-cone mesoporous silica nanoparticles Sepanta Hosseinpour	88: Salivary alkaline phosphatase levels help to determine control or progression of Periodontal destruction Shaili Pradhan	382: B-line is the Most Consistent Indicator for Chinese Profile Esthetics Janson Ng	682: Differential diagnosis of non-odontogenic pain mimicking toothache Tara Renton
11:00		488: Application of Micro-computed Tomography to Compare The Accuracy of Two Clinical Methods in Working Length Determination Nik Zarina Nik Mahmood	393: Periodontitis-related biomarkers may assess host susceptibility to systemic comorbidities Dan Zhao	495: Evaluation of Anterior Cortical Thickness in Different Skeletal Patterns Mohamed Ibrahim Abu Hassan	
11:05					
11:10	628: The Australian Longitudinal Study on Women's Health Christopher Sexton				
11:15		339: The source of E Faecalis in infected root canals Peter Duckmanton	340: Using Glycosaminoglycan-enriched Collagen Sponge to Regenerate Periodontal Tissues in Macaques Na Yu, Chau Sang Lau	512: A cephalometric study for comparative assessment, interchangeability and accuracy of sagittal maxilla-mandibular jaw relationships. Himali Gupta	608: Neurodegeneration due to tooth extraction accelerate the progress of dementia Tetsuya Goto
11:25					
11:30	630: Pelotas Birth Cohort Studies Karen Peres	110: Odontoblastic Exosomes Attenuate Lipopolysaccharide Induced Apoptosis of Neighboring Cells Lu Zhang	402: The Effect and Mechanism of Pyroptosis in the Periodontitis Rui Zhang	266: Cephalometric Soft Tissues Measurements of the Cleft Lip /Palate Patients Thalca Hamid	609: Role of cytotoxic immune cells in neuropathic pain Seog Bae Oh
11:45		294: In-vitro Innervated Tissue Equivalents Derived from Human Embryonic Stem Cells Sathya Kannan	497: The Association Between Psoriasis and Periodontitis: A Case-Control Study Li-Wen Yu	227: Calcium-Combined Soy Milk Improves Orthodontic Treatment During Estrogen Deficiency Ida Bagus Narmada	
11:50	631: The Dunedin Multidisciplinary Health and Development Study Chuen Lin Hong				
12:00		373: 3D Bioprinted Vascularized Tissue Constructs using Customized Collagen-based Bioink Senthilkumar Muthusamy	467: Highly ordered melt electrospinning writing scaffolds for periodontal attachment Reuben Staples	301: Effects of orthodontics on airway volume and minimal cross-sectional area Yousef Abdalla	Discussion
12:05	Discussion				
12:15	Lunch, Exhibition & Poster Viewing				
13:15	Symposium: Educational Research in Dentistry	Pulp Biology & Regeneration Research	Oral Medicine & Pathology	Behavioral, Epidemiologic and Health Services Research	Symposium: Periodontal Tissue Engineering
	Chair: Melanie Hayes Co-chair: Denise Higgins	Chair: Promila Verma Il-Ho Jang	Chair: Naisana Seyedasli Newell Johnson	Chair: Moira Smith May C.M. Wong	Chair: Saso Ivanovski Co-chair: Mark Bartold
13:15	620: Interdisciplinary Education Melanie Hayes	474: Effect of local application of Simvastatin in bone regeneration of periapical defects: A Clinico-radiographic study Promila Verma	405: TGF-βRII regulates glucose metabolism in oral cancer-associated fibroblasts Fanglong Wu	363: Tongan Children's Beverage Availability and Consumption: A Wearable Camera Study Moira Smith	670: Periodontal Tissue Engineering with Multiphasic Constructs Saso Ivanovski
13:30		23: Evaluation of temperature rise on the external root surface during application of lasers in root canals: an in vitro study. Rakesh Yadav	555: Fluoride levels in drinking water in the Talasea District of the West New Britain Province in Papua New Guinea. Bridgett Dabuma	210: Epidemiological Study of Tooth Wear in Shanghai Adults Tian Yu	
13:35	622: Simulation-based Education Denise Higgins				671: Induced Pluripotent Stem Cells: A new frontier for regenerative periodontal medicine Mark Bartold
13:45		48: Comparative Evaluation of Bimix, Trimix and Modified Trimix Scaffolds for Regenerative Endodontics- An in-vitro study Aseem Tikku	262: Evaluation of oral potentially malignant disorders with auto-fluorescence, reflectance-spectroscopy, and vital staining and correlation with histopathology - a hospital-based prospective study Jyotsna Rimal	422: Fluoride Concentration In Commercialised Bottled Water In Malaysia Norashikin Yusof	
13:55					
14:00	623: PerioPal Andrew Terry	49: Inhibition of lysophosphatidic acid receptor 2 expedites odontoblastic differentiation of dental pulp stem cells Il-Ho Jang	453: Molecular analysis of post-radiation tumour remodeling in oral squamous carcinoma 3D spheroids: insights into a novel combination therapy approach Naisana Seyedasli	529: Oral Health Promotion in Reducing Mutans Streptococci Acquisition in Infants May C.m. Wong	672: Cytokine therapy and stem cell transplantation therapy for periodontal regeneration Shinya Murakami

14:15			541: The utility of cell blocks from oral brush liquid-based cytology combined with DNA mismatch repair protein expression for the diagnosis of oral leukoplakia <b>Omar Kujan</b>	432: Estimating the oral health impacts and societal costs of implementing a 20% sugar-sweetened beverages health levy for the Australian population. <b>Tan Nguyen</b>	673: Stem cell transplantation using cell transfer technology for periodontal regeneration and its regenerative mechanism <b>Kengo Iwasaki</b>
14:30	<i>Discussion</i>	<i>Discussion</i>	421: The microbiome of oral cancer : bacterial profile of specific niches. <b>Newell Johnson</b>	254: Dentist-patient relationships as an explanatory factor for oral health impact <b>Youngha Song</b>	<i>Discussion</i>
14:35					
14:45			<i>Discussion</i>	523: "sex" disparities in oral health are independent from "gender" <b>Li Cheng</b>	
15:00	<b>Afternoon Tea</b>				
<b>Plaza Terrace Room</b>					
15:30	<b>Social Determinants, Prevention of Dental Caries and Inequalities in Oral Health</b> <i>Keynote Speaker: Prof Lone Schou</i> <i>Chair: Dr Sarbin Ranjiktar</i>				
16:15	<b>Symposium: Dental and Oral Health Therapy</b>	<b>Symposium: E-charting in Epidemiological Surveys</b>	<b>Symposium: Medication Related Osteonecrosis of the Jaws</b>	<b>Mineralized Tissue</b>	<b>Symposium: Improving Oral and General Health of Older People in Australia</b>
	<i>Chair: Leonie Short</i> <i>Co-chair: Julie Satur</i>	<i>Chair: John Cutter</i> <i>Co-chair: Wouter Put</i>	<i>Chair: In-Ho Cha</i> <i>Co-chair: Sun-Jong Kim</i>	<i>Chair: Gabor Varga</i> <i>Tulio Fernandez</i>	<i>Chair: Clive Wright</i> <i>Co-chair: Woosung Sohn</i>
16:15	651: The Growth and Depth of Research led by, or involving, Dental and Oral Health Therapists in Australia <b>Julie Satur</b>	627: e-Charting aided Quantification of Salivary Streptococcus Mutans, Lactobacillus and Total Bacteria in Caries Subjects <b>Armelia Sari Widyarman</b>	647: Drug Holiday for MRONJ - Update current perspectives on drug holiday recommendations and its evidence <b>Jeong Keun Lee</b>	311: Optimization of a Novel, Two-dimensional, Functional in vitro Ameloblast Model Using Hat-7 Cells <b>Gabor Varga</b>	639: Comparison and technique differences between Silver Diamine Fluoride (SDF) and Silver Fluoride + Stannous Fluoride (AgF+SnF) to prevent, arrest and treat caries <b>Alan Deutsch</b>
16:30				359: The role of Wnt/ $\beta$ -catenin signaling in osteocyte differentiation <b>Shinnosuke Kusano</b>	685: Dietary intake of nutrients and functional tooth units in older men: The Concord Health and Ageing Men <b>Kate Milledge</b>
16:35	652: The development and implementation of Dental and Oral Health Therapy Education in New Zealand <b>Helen Tane</b>	624: Manpower Implications Utilizing e-Charting for Public Health and Epidemiological Programs in the Philippines <b>John Cutter</b>	648: Serum biomarkers for Medication-Related Osteonecrosis of the Jaw <b>Jin-Woo Kim</b>	383: Effect of dietary beverages on enamel and dentine of extracted human teeth: A macroscopic and microscopic analysis <b>Shahrukh Khan</b>	641: Intersectorial Collaboration for improving oral health of older people <b>Archana Pradhan</b>
16:45				462: Bone Regeneration Using Offset and Gradient Melt electrowritten PCL Scaffolds <b>Naghme Abbasi</b>	
16:55	653: Creating a global voice for Dental and Oral Health Therapists <b>Arish Naresh</b>	625: Application and Experiences of e-Charting in Public Health Services in The Philippines <b>Clarissa Pe</b>	649: Prognostic factor outcome of Surgical treatment in MRONJ <b>Chul-Hwan Kim</b>	445: i-PRF Imparts Immunomodulatory Properties to Bone Tissue-Engineered Constructs <b>Tulio Fernandez</b>	642: Perceived Dental Treatment Need among Australian older men: the Concord Health and Ageing in Men Project (CHAMP) <b>Sachiko Takehara</b>
17:00				<i>Discussion</i>	<i>Discussion</i>
17:15	654: Curricular Change Preserved Dental Therapy in Fiji Islands <b>Leenu Maimanuku</b>	683: Data Analysis Using Cloud-based e-Charting in Epidemiological Surveys <b>Wouter Put</b>	650: The importance of preliminary dental examination before medication in MRONJ <b>Hoon Myoung</b>		
17:30					
17:35	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>		
17:45 - 18:45	<b>Colgate Welcome Reception</b>				

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Friday, 29 November 2019					
	P1	P2	P3 & P4	P5	Plaza Terrace Room
08:00	<b>Symposium: Future of Dental hard Tissues Biomodification and bonding</b>	<b>Craniofacial Biology</b>	<b>Geriatric Oral Research</b>		<b>Symposium: Micro- and nano-engineered solutions for dental implant therapy</b>
	Chair: Amr Fawzy Co-Chair: Jukka Matinlinna	Chair: Agung Sosiawan Wenjie Zhong	Chair: Clive Wright		Chair: Karan Gulati Co-chair: Tushar Kumeria
08:00	690: Future of Dental hard Tissues Biomodification and bonding <b>Amr S Fawzy</b>	144: Mutation of A1298C in Cleft Lip and Palate Infant <b>Agung Sosiawan</b>	65: Association of Oral Health and Cognitive Status in Community-dwelling Older Australian Men: The Concord Health and Ageing in Men Project (CHAMP) <b>Sachiko Takehara</b>		655: Biomimetic scaffolds co-assembled with nano-silver wire and mineralized collagen for infectious alveolar bone regeneration <b>Yan Liu</b>
08:15		410: Biological changes of carcinoma-associated fibroblasts affecting radiosensitivity of oral squamous cell carcinoma cell lines <b>Yu Sun</b>	207: Associations between sarcopenia and oral functions in old-old Japanese <b>Yuki Murotani</b>		
08:20	691: Etching chemistry – where are we? <b>Jukka P. Matinlinna</b>				656: Rational design of Titania Nanotubes on Titanium Implants for Bioactive Protein Delivery <b>Tushar Kumeria</b>
08:30		476: Elucidation of the regulatory mechanisms of heparan sulfate on the craniofacial and tooth morphogenesis <b>Yuichiro Nakanishi</b>	54: Analysis of cellular senescence in gingival fibroblasts <b>Masae Furukawa</b>		
08:40	692: I Am Bond: Past and Current Practices in Dentine Bonding and Biomodifications <b>Umer Daood</b>	246: A novel nonsense variant in PTCH1 underlies cleft lip and palate in a Han Chinese pedigree <b>Wenjie Zhong</b>	369: Association of depressive symptoms and oral health in older Australian men <b>Clive Wright</b>		657: Nano-Engineered Titanium Dental Implants with Dual Micro-Nano Features for Tailored Local Therapy <b>Karan Gulati</b>
08:45					
09:00	<b>Discussion</b>	101: A rare FLNB mutation potentially underlies non-syndromic orofacial clefts in a pedigree with a subclinical phenotype <b>Wenbin Huang</b>	<b>Discussion</b>		<b>Discussion</b>
09:15					
09:20		<b>Discussion</b>			
Plaza Terrace Room					
09:30	<p align="center"><b>The Global Oral Health crisis - reconciling public health with oral health - what needs to be done?</b>  <b>Keynote Speaker: Prof Raman Bedi</b>            Chair: Dr. Karen Peres</p>				
10:15	Morning Tea				
10:45	<b>Symposium: The future oral health workforce</b>	<b>Dental Materials</b>	<b>Dental Implantology/Prosthodontics</b>	<b>Education Research</b>	<b>Symposium: Stem Cell Biology In Cancer and Regeneration</b>
	Chair: Ratilal Laloo Co-chair: Stephen Birch	Chair: Arosha Weerakoon	Chair: Khaled Ahmed Faustino Mercado	Chair: Rebecca Chen	Chair: Naisana Seyedasil
10:45	632: Needs-based Planning for the Oral Health Workforce - Development of a Planning Model <b>Stephen Birch</b>	528: Dentine changes associated with patient age and cavity site. <b>Arosha Weerakoon</b>	384: Multicentre reproducibility assessment of two CAD/CAM intraoral scanners <b>Khaled Ahmed</b>	261: Training undergraduate midwifery students to promote oral health in Australia <b>Ajesh George</b>	667: Origin of the Orofacial Muscle Stem Cells <b>Munira Xaymardan</b>
11:00		82: Antimicrobial Gold Nanoparticle-Modified Dental Material Prevents Porphyromonas gingivalis Infection and Biofilm Formation <b>Mengqi Zhang</b>	461: A novel polymer-based chlorhexidine digluconate microparticles for sustained drug delivery in the prevention of peri-implantitis <b>Priti Singh</b>	493: Evaluation of Dental Students Clinical Communication Skills from Three Perspective Approach <b>Izyan Hazwani Baharuddin</b>	
11:05	633: What are the legal and professional issue of utilising dental assistants as practitioners <b>Alexander Holden</b>				668: Defining the molecular networks involved in tumour remodelling; insights from head and neck carcinoma <b>Naisana Seyedasil</b>
11:15		256: Competing Risk Model for Bond Strength Data Analysis <b>Antonin Tichy</b>	520: Dual action antimicrobial pro-healing surface coating for dental implants <b>Apoorva Mathur</b>	441: The value of clinical placements in Australasian dental education <b>Lee Adam</b>	
11:25					
11:30	634: Workforce Planning Lessons learned from a Public Dental Service in Reform <b>Helen Boocock</b>	89: Location of the root canal influences the push-out bond strength of light-cured and dual-cured dentin bonding systems <b>Mamoru Noda</b>	236: Effect of buccal wall thickness and amelogenin for maxillary anterior ridge management: a randomised prospective clinical and histological trial. <b>Faustino Mercado</b>	505: Technology acceptance of a digital learning platform for Caries Management <b>Rebecca Chen</b>	669: Cell-projection pumping: A mechanism for cancer and stem cell instruction <b>Hans Zoellner</b>
11:45	<b>Discussion</b>	141: Wear resistance of novel machinable lithium disilicate glass-ceramics <b>Toshihiko Azuma</b>	437: Influence of macrophage secretion on a 3D gingival connective tissue model <b>Necla Asli Kocak Oztug</b>	111: Challenges for dental clinicians seeking to enter the academic workforce. <b>Melanie Hayes</b>	<b>Discussion</b>
12:00			<b>Discussion</b>	<b>Discussion</b>	
12:15	Lunch, Exhibition & Poster Viewing				

13:15	Symposium: Population Oral Health 1	Symposium: Craniofacial Biology/ Regenerative Dentistry 1	Cariology/Saliva Research	Oral Medicine & Pathology	Symposium: Microbiology/Immunology 1
	Chair: Karen Peres	Chair: Yin Xiao	Chair: Jieyi Chen Rahena Akhter	Chair: Po-Yuan Jeng	Chair: Stuart Dashper
13:15	678: Addressing harmful cultural oral habits the case study on infant oral mutilation <b>Raman Bedi</b>	676: Tracing the origins of Jawbones: a challenge of a dominant view that bone cells must be derived from stem cells <b>Jerry Feng</b>	78: Effectiveness of fluoride varnish with tricalcium phosphate in preventing caries <b>Jieyi Chen</b>	30: Rambutan-honey and Rutin-trihydrate Accelerates Oral Wound Healing in Streptozotocin-induced Diabetic-Rats <b>Euis Reni Yuslianti</b>	Dendritic cells regulate periodontal disease susceptibility <b>Dana Graves</b>
13:30			417: The regulation of gcrR in extracellular polysaccharide in Streptococcus mutans <b>Bin Zhang</b>	388: Effect of Golden Sea Cucumber nano-extract in Oral Squamous Cell Apoptosis <b>Miftakul Cahyati</b>	
13:40			407: Regulations of vick Gene on Streptococcus mutans Biofilms Formation via Extracellular Polysaccharides <b>Yalan Deng</b>	113: Invasive cervical resorption - Distribution and potential prognostic factors <b>Po-Yuan Jeng</b>	599: The Type IX Secretion System and Chronic Periodontitis <b>Eric Reynolds</b>
13:45	593: Prevalence of caries in Mainland China: Evidence from 1980-2018 - A systematic review and meta-analysis <b>Shuguo Zheng</b>	586: Genetic architecture underlying non-syndromic orofacial clefts <b>Miao He</b>			
14:00	594: Promotion of periodontal health: from science to clinic <b>Hyun-Duck Kim</b>	587: Oculofaciocardiodental syndrome: abnormal root formation in rare inherited disorder <b>Takuya Ogawa</b>	366: Salivary biological nanoparticles in periodontal disease <b>Pingping Han</b>	364: Chronic Disease Comorbidity in Patients with Oral Leukoplakia <b>Lance Giudice</b>	600: A novel disease discovered and established in Japan: IgG4-related disease- Latest approaches to elucidate the pathogenesis of this disease <b>Takashi Maehara</b>
14:15			433: Management of high caries risk patients: Caries management system (CMS) in a public hospital <b>Rahena Akhter</b>	84: Salivary miR-let-7a-5p: a new diagnostic marker for head and neck squamous cell carcinoma <b>Rushdi Fadhill</b>	601: Roles of extracellular vesicle microRNAs in oral environment <b>Heon-Jin Lee</b>
14:20	595: Oral health and wellbeing - Where is the missing Link? An upstream approach <b>Namita Shanbhag</b>	<b>Discussion</b>	172: Salivary Gland Organoids Bioprinted through Magnetic Levitation <b>Joao Nuno Ferreira</b>	<b>Discussion</b>	602: Metabolomics of Oral Microbiome <b>Junpei Washio</b>
14:30			409: Carbohydrate Metabolism Regulated by Antisense vicR RNA in Cariogenicity <b>Lei Lei</b>		
14:40	596: Self-report measures in population oral health research <b>W. Murray Thomson</b>		463: Erosion-inhibiting potential of new stannous-fluoride/ CPP-ACP paste <b>Sarbin Ranjitkar</b>		
14:45					
15:00	<b>Discussion</b>				<b>Discussion</b>
15:15	<b>Afternoon Tea</b>				
	<b>Plaza Terrace Room</b>				
15:45	<b>Current and future strategies for bonded composite restorations</b> <b>Keynote Speaker: Prof Jack Ferracane</b> <b>Chair:</b>				
16:30	Symposium: Digital Dentistry and CAD/CAM - clinical potential and research needs		Behavioral, Epidemiologic and Health Services Research	Periodontal Research	Symposium: Development of iHuman, Tissue and Organ from Stem Cells
	Chair: Khaled Ahmed Co-chair: Michael Burrow		Chair: Michael Smith Hoe Chee	Chair: Ching-Zong Wu	Chair: Tong Cao Co-Chair: Qingsong Ye
16:30	635: Computer Aided-Manufacturing and 3D Printing in Prosthodontics <b>Karl Lyons</b>		32: Involvement in a Hall Technique Research Project influences treatment planning by clinicians in South West Victoria <b>Michael Smith</b>	399: Periodontitis, oral hygiene and risk of upper aero-digestive tract cancers: a case-control study in Maharashtra, India <b>Bhawna Gupta</b>	643: iHuman Era for Dentistry <b>Tong Cao</b>
16:45			124: Ain't Misbehavin': Dental Students' Behaviours on Social Media <b>Nicholas David Sung</b>	438: The regulatory role of micromolar level of sodium fluoride on osteoclastogenic differentiation <b>Xiaoyan Li</b>	644: Re-connect nerves with dental stem cells: a spine cord injury model <b>Qingsong Ye</b>
16:50	636: CAD/CAM biomaterials and implants <b>Jukka Matinlinna</b>		480: Increased Prevalence of Hyperglycemia in a Southeast Asian Population with Periodontitis <b>Hoe Chee</b>	122: Prevention of alveolar bone loss by 6-shogaol, an ingredient of ginger, in experimental periodontitis <b>Youngkyun Lee</b>	
17:00			119: The practice of dentistry by Australian-trained and overseas-trained dentists: a discriminant analysis of key predictors <b>Woosung Sohn</b>	509: The Prevalence of Fusobacterium nucleatum before and after Periodontal Treatment of Periodontitis Patients with or without DM in Taiwanese <b>Ching-Zong Wu</b>	645: Electric microenvironment enhances bone regeneration and osseointegration <b>Xuliang Deng</b>
17:15	637: Current Status of CAD/CAM-Produced Resin Composite Crowns in Japan <b>Hiroshi Egusa</b>				646: Organ-on-a-chip Technology-based Solutions for Skin and Oral Mucosa Reconstruction <b>Gopu Sriram</b>
17:30	638: Chairside CAD/CAM in clinical practice <b>Michael Tsao</b>		<b>Discussion</b>	450: Role of basic helix-loop-helix transcription factor DEC2 in alveolar bone resorption <b>Ujjal Bhawal</b>	
17:45				<b>Discussion</b>	
17:50 - 18:00	<b>Discussion</b>				<b>Discussion</b>

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Saturday, 30 November 2019						
P1	P2	P3 & P4	P5	Plaza Terrace Room		
08:00	<b>Symposium: The first 1000 days: Implications for dental health, disease risk and intervention.</b>	<b>Symposium: Additive Manufacturing, Tissue Engineering and Oral Regeneration</b>	<b>Education Research</b>	<b>Microbiology/Immunology</b>	<b>Symposium: Can Bioactive Materials Serve as Basic Restorative Materials ?</b>	
	Chair: Mihiri Silva	Chair: Cedryck Vaquette Co-chair: Michal Bartnikowski	Chair: Intekhab Islam Kelvin Foong	Chair: Rory Watt	Chair: Jack Ferracane Co-chair: Siegwald Heintze	
08:00	664: Linking atopic eczema and early childhood caries <b>Chin-Ying Hsu</b>	658: Additively manufactured constructs for soft and hard tissue regeneration in the oral cavity <b>Cedryck Vaquette</b>	72: Dental Surgical Training Models for impacted wisdom teeth surgery <b>Intekhab Islam</b>	79: Evaluating the effect of storage media and DNA extraction method on the recovery of bacteria from the oral microbiome <b>Xiaoyan Zhou</b>	617: Clinically predictive laboratory based research in "bioactive" restorative materials. Is this possible? <b>Jack Ferracane</b>	
08:15						
08:20			616: A Case of Inter Professional Education in Fiji <b>Jloji Ralovo</b>	139: Edible plant extracts as natural photosensitizers in antibacterial photodynamic therapy against Streptococcus mutans <b>Simook Kang</b>		
08:25	665: Temporal development of the oral microbiome and predisposition to disease <b>Stuart Dashper</b>	659: Patient Specific 3D Printed Implants for Scaffold Guided Bone Regeneration <b>Michal Bartnikowski</b>				
08:30					618: Results of a clinical trial with two basic filling materials in Cambodia <b>Callum Durward</b>	
08:40			98: Self_Medication Practice for Dental Pain: Expectation and Rationality <b>Mahyunnah Masud</b>	229: Controlled-release of Poly(disulfide)s-coated Silica Nanospheres-encapsulated Baicalein Modulate Inflammation in THP-1/hGECs <b>Xuan Li</b>		
08:45	666: The first 1000 days: Pathways and mechanisms for influence through the life course <b>Mihiri Silva</b>	660: 3D Printing in the Bone Regeneration Translational Reserach <b>Jamil Shibli</b>	387: Formative feedback with eye-tracking improves dental undergraduates' X-ray interpretation <b>Kelvin Foong</b>	394: Comparative Genomic Analysis of Oral Treponeme Bacteria <b>Rory Watt</b>	619: Factors that influence the clinical survival of direct restorations with a special focus on bioactive materials <b>Siegward Heintze</b>	
09:00						
09:05	684: The first 1000 days, a special opportunity for intervention <b>Bathsheba Turton</b>	<b>Discussion</b>	443: Minimal Intervention Dentistry at the University of Western Australia <b>Emily Grant</b>	<b>Discussion</b>		
09:15						
9:20	<b>Discussion</b>		<b>Discussion</b>		<b>Discussion</b>	
<b>Plaza Terrace Room</b>						
Prevention of nerve injuries related to restorative dental care <b>Keynote Speaker: Prof Tara Renton</b> Chair: Munira Xaymardan						
10:15 Morning Tea						
10:45	<b>Symposium: Health Inequalities</b>	<b>Symposium: Restorative Dentistry/Dental Materials 2</b>	<b>Behavioral, Epidemiologic and Health Services Research</b>	<b>Oral &amp; Maxillofacial Surgery</b>	<b>Symposium: Microbiology/Immunology 2</b>	
	Chair: Boyen Huang	Chair: Omar Kujan	Chair: Nidhi Saraswat Rose Andrew Kelwaip	Chair: Zhi-Jun Sun	Chair: Stephen Hamlet	
10:45	680: Oral Health Education, Oral Health Promotion and inequalities in Health <b>Lone Schou</b>	580: Strategies to Improve the Dentin Bonding Durability <b>Ji-Hua Chen</b>	297: General Medical Practitioners' views towards Oral Cancer: A Systematic Review <b>Nidhi Saraswat</b>	276: Tissue resident T cells indicate a favorable prognosis in oral squamous cell carcinoma <b>Zhi-Jun Sun</b>	603: Oral-gut connection as a mechanism for the association between periodontal disease and systemic diseases <b>Kazuhisa Yamazaki</b>	
11:00						
11:05			174: Validation of the Chinese version of scale of oral health outcomes for 5-year-olds <b>Edward Lo</b>	352: Expression and prognostic value of IFIT1 and IFITM3 in head and neck squamous cell carcinoma <b>Wen-Feng Zhang</b>	605: Antimicrobial resistance in oral pathogens <b>Richard Cannon</b>	
11:10	312: Ending the neglect of global oral health: a summary of the Oral Health Series published in the Lancet in July 2019 <b>Marco Peres</b>	581: Dentin bond strength of the universal adhesives using the colloidal platinum nanoparticles <b>Aiichiro Katsumata</b>	95: Oral Health among Rural Victorians: the Crossroads study <b>Rodrigo Mariño</b>	479: In-vivo performance of modular endoprosthesis for repairing segmental mandible defects <b>Yuchun Liu</b>		
11:15						
11:25			157: Preventing Oral Cancer in Papua New Guinea <b>Rose Andrew Kelwaip</b>	413: In vivo biotinylation enables high-fidelity assessment of the half-time of circulating extracellular vesicles <b>Zi-Li Yu</b>	606: Role of oral microbiome in oral and systemic health of pregnant women <b>Chaminda Jayampath Seneviratne</b>	
11:30	597: Oral health inequalities related to socioeconomic status <b>Jin-Bom Kim</b>	582: Catechol-based biomimetic dental material <b>Jinsoo Ahn</b>				
11:45			336: Evaluation of a community health centre oral health capacity building program. <b>Martin Hall</b>	412: EGFR promotes VEGF-independent tumor angiogenesis via extracellular vesicles <b>Hou-Fu Xia</b>	607: Periodontal Pathogens Infection Exacerbates Atherosclerosis Through Impairing Arterial Circadian Rhythm and Endothelium Function <b>Lili Chen</b>	
11:50		584: Challenge for reinforcement of resin composites by fusion of in vitro and in silico approach <b>Satoshi Yamaguchi</b>				
12:00	598: Oral Health inequalities in South Asian Region <b>Vijay Prakash Mathur</b>					
12:05		585: Post Minamata Convention: Quest for evidence-based strategies and materials for posterior teeth restoration <b>Amrita Amrita Chawla</b>	<b>Discussion</b>	<b>Discussion</b>	<b>Discussion</b>	
12:10						
12:15	<b>Discussion</b>				<b>Discussion</b>	
12:25		<b>Discussion</b>				

12:45	<b>Lunch, Exhibition &amp; Poster Viewing</b>				
<b>Plaza Terrace Room</b>					
13:45	<b>Mineralized Bone is Solely Formed by Osteocytes Whose Defects Lead to the Onset of Osteoporosis</b> <i>Keynote Speaker: Prof Jerry Feng</i> <i>Chair: Richard Cannon</i>				
14:30	<b>Symposium: Managing Early Childhood Caries with Evidence-based Approaches in Asia Pacific Region</b>	<b>Pediatric Oral Health Research</b>	<b>Dental Materials</b>	<b>Behavioral, Epidemiologic and Health Services Research</b>	<b>Symposium: Craniofacial Biology/Regenerative Dentistry 2</b>
	<i>Chair: Edward Lo</i>	<i>Chair: Mihiri Silva Bradley Christian</i>	<i>Chair: Jayanti Mendhi Umer Daood</i>	<i>Chair: Roisin Mcgrath Ramini Shankumar</i>	<i>Chair: Amr Fawzy</i>
14:30	661: Updated ECC status in Asia and Pacific region and ECC management in Hong Kong <b>Duangporn Duangthip</b>	292: Exploring the aetiology of enamel hypomineralisation by applying multi-level models <b>Mihiri Silva</b>	318: Human Oral Mucosa-On-Chip: In Vitro Evaluation of Dental Anaesthetic Permeation <b>Giridharan Muniraj</b>	313: Training community mental health workers to promote oral health <b>Roisin Mcgrath</b>	588: Bioinspired bone-like tissue synthesis using plasma membrane nanofragments <b>Emilio Satoshi Hara</b>
14:45		133: Tarumbal Smiles- A cavity free future for children <b>Leonie Short</b>	327: Polydopamine Based Nitric Oxide Generating Coating for Dental Implant Surface <b>Jayanti Mendhi</b>	338: Interventions to improve oral health outcomes for people with serious mental illness. <b>Angela Huang</b>	
14:50	662: Early childhood caries in Thailand: Situation and Management Strategies <b>Pattarawadee Leelataweewud</b>	427: Increasing Maternal Knowledge and Infant Oral Health Care Through Education <b>Leigh Harrison-Barry</b>	238: Evaluation of Stereolithography Post-Curing on Dimensional Accuracy and Polymerization <b>Awutsadaporn Katheng</b>	455: An intervention to improve general practice connections for dental patients <b>Ramini Shankumar</b>	589: The role of chondroprogenitor in repair of osteoarthritic mandibular condylar cartilage <b>Meiqing Wang</b>
15:00					
15:10	663: Minimally invasive dentistry to manage ECC in young West Australian Children <b>Peter Arrow</b>	335: A methodological study to assess the measurement properties of a caries risk assessment tool for young children. <b>Bradley Christian</b>	239: Investigations Into The Effect Of Bur Wear On The Quality Of The Fitting Surface Of Sequentially Milled CAD-CAM Crowns <b>Zenatala Ibrahim</b>	73: 'Not the right place': non-traumatic dental presentations in NZ's emergency departments. <b>Anna Ferguson</b>	590: Functional activation of mature odontoblasts and promotion of dentin regeneration by CPNE7 <b>Joo Cheol Park</b>
15:15					
15:30	<b>Discussion</b>	235: Comparison of oral health of non-disabled children and children with disability <b>Ashish Shrestha</b>	51: Quaternary Ammonium and Riboflavin Modified Dentine Adhesive (QARF) containing Antibacterial and Self-Crosslinking Agents <b>Umer Daood</b>	91: Effectiveness of Oral Health Education for Myanmar Middle school students <b>Zar Chi Kyaw Myint</b>	592: Stem cells for oral tissue regeneration <b>Min-Huey Chen</b>
15:45		510: Pulpal inflammatory markers in hypomineralised molars <b>Chaturi Neboda</b>	<b>Discussion</b>	<b>Discussion</b>	
15:50		360: Chemical Microanalysis of Supernumerary Teeth <b>Lyndon Abbott</b>			
16:00		<b>Discussion</b>			
16:10					
16:15					
<b>Plaza Terrace Room</b>					
16:30 - 17:00	<b>Closing Ceremony</b>				