

Annual Report

ABOUT IADR

The International Association for Dental Research (IADR) is a nonprofit organization with over 10,000 individual members worldwide. IADR is the premier association for those involved with dental, oral, and craniofacial research across multiple disciplines.

IADR MISSION

Drive dental, oral, and craniofacial research for health and well-being worldwide.

IADR VISION

Oral health for the world through discovery and dissemination.

IADR VALUES STATEMENT IADR Core Values

Scientific Excellence A Social Responsibility A Scientific Community

Scientific Excellence: IADR values science conducted at the highest possible levels of rigor, innovation and ethics, across disciplines, from discovery science to clinical implementation to global population health.

Social Responsibility: IADR values the pursuit of science to improve health and well-being for all people, to reduce health inequalities and inequities, and proactively takes actions and positions to improve health.

Scientific Community: IADR values a diverse and inclusive scientific workforce, promotes work-life balance, and supports educational activities and mentoring networks to develop the next generation of scientists.

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MESSAGE FROM THE PRESIDENT



It is a great honor to serve as President of the International Association for Dental Research, the IADR, during the past year and to further the IADR mission to drive dental, oral, and craniofacial research for health and well-being worldwide.

For the safety of our members, attendees, and staff amidst the global COVID-19 pandemic, the 99th General Session of the IADR, held in conjunction with the 50th Meeting of the AADR and the 45th Meeting of the CADR was a virtual meeting. While we could not gather in person, the 100% virtual format provided scientists and researchers, regardless of location, with the opportunity to present, discuss, and critique their investigations, to view high-quality presentations, and to interact with colleagues online.

IADR, along with the AADOCR, announced that the *Journal of Dental Research (JDR)* 2-year Journal Impact Factor™ is over 6 for the first time at 6.116, ranking #5 of 91 journals in the "Dentistry, Oral Surgery & Medicine" category, and the *JDR* 5-year Journal Impact Factor™ is over 7 for the first time at 7.199 score, ranking #3 of

91 journals. The *JDR* also ranks #1 of 91 journals in total citations and Eigenfactor, #2 in the new Journal Citation Index, and #3 in Article Influence Score. The 2021 *JDR* special issue was "Interface Between Materials and Oral Biology" which features research reports and critical reviews that highlight the complex interactions occurring between biomaterials and fluids, living cells, and tissues. The *JDR Clinical & Translational Research (JDR CTR*) published four issues in 2021, including important COVID-19 research.

As President of IADR I was proud to represent members at the 2021 joint FDI-IADR-NCDA Virtual Session on oral health to discuss "What the new WHO resolution on oral health means for populations, the oral health community and health systems." The WHO oral health resolution outlines the enduring global burden of the oral diseases, challenges to meeting the oral health needs of populations, regional and international commitment to improving oral health, opportunities to address oral diseases in national and international policy agendas, as well as the priorities of the WHO global oral health program. The foundation of this resolution is evidence-based from multidisciplinary scientific research involving many IADR members. It is imperative that this model of evidencebased decisions carries through to the implementation of the resolution. Actions are proposed to achieve better oral health as part of WHO's NCDs and universal health coverage agendas thereby contributing to the achievements of the United Nations 2030 Sustainable Development Goals. The development of the 2022 global strategy and 2023 global action plan must also be evidence-based. IADR looks forward to working with the WHO to help further define the global strategy and action plan.

Looking ahead, the 100th General Session & Exhibition of the IADR and the 5th Meeting of the IADR Asia Pacific Region will be a virtual event on June 22-25, 2022! The virtual structure is an opportunity to focus on expanding the global reach of our meeting to effectively share our cutting-edge science and stimulate new ideas. The virtual format allows for anyone, regardless of location, to view high-quality presentations and interact with colleagues online.

In 2022, all accepted abstracts will be presented in a new format called Interactive Talks. Interactive Talk presentations provide each speaker with 6 minutes to present their slides and 2 minutes for questions. The Interactive Talks will be organized by topics into 90-minute sessions. This revised format affords a greater opportunity to the IADR Scientific Groups & Network Chairs to organize cohesive and innovative research sessions. We will try this new format for 2022 and seek your feedback to help inform future planning.

IADR is the premier association for dental, oral, and craniofacial research and I see a bright future ahead. I encourage you to stay involved in the IADR as we fulfill the IADR mission and realize the IADR vision of oral health for the world through discovery and dissemination.

Yours sincerely,

Eric Reynolds, AO FICD FTSE FRACDS IADR President

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MESSAGE FROM THE CHIEF EXECUTIVE OFFICER



Each year, the IADR strives to drive dental, oral, and craniofacial research for health and well-being worldwide. Under the leadership of President Eric Reynolds, an outstanding Board of Directors, and a dedicated staff, IADR was able to provide valuable member benefits and services, while driving dental, oral, and craniofacial research for health and well-being worldwide.

IADR has adapted to the new virtual environment brought on by the global COVID-19 pandemic. The 2021 IADR/AADR/CADR General Session & Exhibition was a virtual event, engaging attendees from 85 countries. We held webinars on the IADR Webinar Connect platform, including cuttingedge COVID-19 presentations to keep our members abreast of the latest research, and held Ask Me Anything events on the IADR Community, where members can discuss hot topics and share insights, as well as network with other members of their IADR Scientific Group/Network all year.

In October, IADR announced the launch of our redesigned website and new member portal—the My IADR Portal! The My IADR Portal includes access to the IADR Community, publications, events, submission sites, and more, and easily connects IADR members to their many benefits.

Other highlights from 2021 include the adoption of the World Health Organization Oral Health Resolution, approved during the 74th World Health Assembly! IADR submitted written comments that emphasized the need for the prioritization of basic, translational, and population oral health research to facilitate significant

improvement in oral health, the need for a comprehensive research agenda to reduce risk factors for cleft lip with and without cleft palate (CL/P), and consideration of the development and implementation of fluoridation programs.

2021 marks the third year that IADR is a NCD Alliance member. IADR joined the NCD Alliance because oral diseases are the world's most prevalent NCDs, resulting in considerable health and economic burdens to populations and share common risk factors. The IADR is now a member of the Global Health Council, a U.S.based membership organization supporting and connecting advocates, implementers, and stakeholders around global health priorities worldwide. IADR joins SmileTrain as a voice for dental, oral, and craniofacial research and health in the Global Health Council.

After a successful 2021, there is much to look forward to in 2022! I thank all IADR members for their continued support, as well as IADR President Eric Reynolds and the Board of Directors who tirelessly volunteer their time to furthering our mission.

Sincerely,

Christopher H. Fox, DMD, DMSc IADR Chief Executive Officer

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HIGHLIGHTS

NEW IADR WEBSITE, MEMBERSHIP PORTAL, AND MEMBERSHIP DATABASE!

In October, the IADR announced the launch of our redesigned website and new member portal—the My IADR Portal! The My IADR Portal includes access to the IADR Community, publications, events, submission sites, and more. The new look and membership database will easily connect IADR members to their many benefits. The new system requires all members to activate their account and create a new account password.



JOURNAL OF DENTAL RESEARCH

Impact Factor

2021 Journal Citation Reports™ results for the JDR:

- 2-year Journal Impact Factor™:6.116, ranking #5 of 91 journals
- 5-year Journal Impact Factor™:7.199, ranking #3 of 91 journals
- Eigenfactor: 0.01683, ranking #1 of 91 journals
- Total citations: 26,197, ranking #1 of 91 journals
- Journal Citation Indicator: 2.39, ranking #2 of 91 journals
- Article Influence Score: 1.726, ranking #3 of 91 journals



JDR Special Issue: Interface Between Materials and Oral Biology

The JDR special issue "Interface Between Materials and Oral Biology" features research reports and critical reviews that highlight the complex interactions occurring between biomaterials and fluids, living cells, and tissues. The Editors of this special issue are Jack L. Ferracane and Luiz E. Bertassoni of the Oregon Health & Science University, Portland, OR, USA.

JDR Article Wins SAGE Publishing 10-Year Impact Award

The *JDR* article "Factors Affecting Wound Healing," by Shujuan Guo and Luisa A. DiPietro received a 10-Year Impact Award. This article had the second most citations in all SAGE journals from 2010-20.



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INTERNATIONAL COLLABORATIONS

WORLD HEALTH ORGANIZATION

An Oral Health Resolution was proposed by several Member States following the WHO Director General (DG) oral health report. IADR submitted written comments that emphasized the need for the prioritization of basic, translational, and population oral health research to facilitate significant improvement in oral health, the need for a comprehensive research agenda to reduce risk factors for cleft lip with and without cleft palate (CL/P), and consideration of the development and implementation of fluoridation programs. The DG oral health report was updated to include two of the three components included in IADR's written intervention. The updated Oral Health Resolution was approved during the 74th World Health Assembly in May 2021, IADR CEO Christopher H. Fox delivered IADR's strong support for the Oral Health Report and Resolution at the WHO 148th session of the Executive Board on January 21, 2021.

MINAMATA CONVENTION ON MERCURY

The Secretariat of the Minamata Convention invited parties and relevant stakeholders to submit comments on their first draft of the Minamata Intercessional document—"Guidance on Monitoring of Mercury and Mercury Compounds to Support the Effectiveness Evaluation of the Minamata Convention." This guidance document was developed as a result of a request by COP-3 of the Secretariat to advance the work to support the effectiveness evaluation by drafting, among others, guidance on monitoring to maintain harmonized, comparable information on mercury levels in the environment (MC 3/10). IADR in collaboration with the American Dental Association has developed a response

to this draft. Our response emphasized our current support for maintaining the availability of encapsulated dental amalgam as the best restorative option when alternatives are less than optimal based on clinical, economic, or practical reasons. IADR indicated that dental material research is ongoing with the ultimate goal of alternative, mercury-free, affordable restorative materials viable for more clinical conditions.

ISO/TC 106 DENTISTRY

IADR Board member Gottfried Schmalz is the Chair of the International Organization for Standardization Technical Committee for Dentistry (ISO/ TC 106 Dentistry). ISO is an independent, non-governmental international organization with a membership of 163 national standards bodies. The scope of ISO/TC 106 Dentistry is standardization in oral health care including: terms and definitions, performance, safety and specification requirements of dental product; and clinically relevant laboratory test methods, all of which contribute to improved global health. IADR is a liaison organization to ISO/TC 106 Dentistry and submits a written report, but typically does not send a representative.

NCD ALLIANCE

2021 marks the third year that IADR is a NCD Alliance member. IADR joined the NCD Alliance because oral diseases are the world's most prevalent NCDs, resulting in considerable health and economic burdens to populations and share common risk factors (unhealthy diets high in free sugars, use of tobacco and harmful consumption of alcohol) with the four main NCD's (cardiovascular, respiratory, cancer, and diabetes).

GLOBAL HEALTH COUNCIL

The IADR is now a member of the Global Health Council, a U.S.-based membership organization supporting and connecting advocates, implementers, and stakeholders around global health priorities worldwide. IADR joins SmileTrain as a voice for dental, oral, and craniofacial research and health in the Global Health Council.

FDI WORLD DENTAL FEDERATION

In early 2021, the FDI Vision 2030: Delivering Optimal Oral Health for All was created with the purpose of providing guidance on achieving appropriate, affordable, evidence-based, integrated, and comprehensive oral health care for all. The report identifies challenges that will confront dentistry and the oral health community over the next decade and it proposes strategies for how these can be turned into opportunities to improve oral health, reduce oral health inequalities, and contribute to reducing the global burden of oral diseases. IADR President Eric Reynolds, The University of Melbourne, Australia, spoke at the virtual session "From words to action: What does the new WHO resolution on Oral health mean for populations, the oral health community, and health systems?" co-hosted by FDI World Dental Federation, IADR, and NCD Alliance.

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99TH IADR GENERAL SESSION & EXHIBITION

In April 2021, the IADR, AADR, and CADR announced that the 99th General Session of the IADR, held in conjunction with the 50th Meeting of the AADR and the 45th Meeting of the CADR, would be a virtual meeting taking place on July 21-24, 2021. The 100% virtual format provided scientists and researchers, regardless of location, with the opportunity to present, discuss, and critique their investigations, to view high-quality presentations, and to interact with colleagues online.

85

The meeting was virtually attended by **3,507** individuals from **85** countries.

Attendees could choose from among:

- 1,847 poster presentations
- 350 oral presentations
- 27 Focused Learning Sessions
- 14 satellite symposia
- 71 symposia
- 3 Distinguished Lecture Series plenary sessions

32

virtual exhibition booths:

- 7 corporate
- 25 institutional/ government/nonprofit

DISTINGUISHED LECTURE SERIES SPEAKERS



Marie A. Bernard National Institutes of Health (NIH), Chief Officer for Scientific Workforce Diversity Bethesda, MD, USA "NIH's Scientific Approach to Inclusive Excellence"



Joseph M. DeSimone Stanford University, CA, USA "Digital Transformation in Manufacturing to Improve Oral Health"



Kate Pickett University of York, England "Inequality Bites: Structural Causes of Inequalities in Wellbeing"



Using the IADR General Session Virtual Experience platform, attendees received online access to all meeting content where they could watch live or view recorded presentations 24-hours a day. Attendees could choose from thousands of research presentations, including the Distinguished Lecture Series, keynote addresses, symposia, and oral and poster presentations, all accessible online.

WEBINARS

IADR WEBINARS

The IADR Webinar Connect platform allows users to participate in upcoming live webinars and view the growing list of webinars on demand. 2021 webinars include:

PERIODONTOLOGY AND THE COVID-19 PANDEMIC

Sponsored by the IADR Periodontology Research Group May 17, 2021

Co-Chairs:

- David Herrera, University Complutense, Madrid, Spain
- Nagihan Bostanci, Karolinska Institutet, Stockholm, Sweden

Speakers:

- The Role of Saliva in Transmission of SARS-CoV-2 and Relevance in Diagnostic Test
 Saso Ivanovski, The University of Queensland, Herston, Australia
- The Association Between Periodontitis and COVID-19 Severity
 Faleh Tamimi, Qatar University, Doha
- The Role of Aerosol on the Transmission of Coronavirus and the Impact in Dentistry
 Purnima Kumar, The Ohio State University, Columbus, USA
- Are Oral Health Professionals More Likely to Be Exposed to COVID-19? lain Chapple, University of Birmingham, UK

JOURNAL OF DENTAL RESEARCH, JDR CLINICAL & TRANSLATIONAL RESEARCH, AND BRAZILIAN ORAL RESEARCH: A VIEW OF THE EDITORIAL PROCESSES

Sponsored by the IADR Brazilian Division
June 30, 2021

This webinar provides an overview of the editorial process from submission until the final publication of a paper and outlined the criteria used by editors and reviewers to evaluate the scientific merit of the work.

Speakers

- JDR Editor-in-Chief Nicholas Jakubovics, Newcastle University, England
- JDR CTR Editor-in-Chief
 Jocelyne Feine, McGill University,
 Montréal, Québec, Canada
- President of the IADR Brazilian Division and an Associate Editor of the journal BOR, Paulo Cesar, University of São Paulo, Brazil

COVID-19 INFECTION RATES AMONG DENTAL PROFESSIONALS: A COMPARISON OF RATES IN NORTH AMERICA AND EUROPE

September 8, 2021

This webinar discussed the emerging evidence from several countries of COVID-19 infection rates in dentists, dental hygienists, and other dental staff as they practice during the pandemic.

Speakers:

- Cameron Estrich, ADA Science and Research Institute, Chicago, IL, USA
- lain Chapple, University of Birmingham, England
- Marco Mazevet, Les Chirurgiens-Dentistes de France, Paris
- Sreenath Madathil, McGill University, Montreal, Quebec, Canada

Reaction panelists:

- IADR President Eric Reynolds, The University of Melbourne, Australia
- Amie Dowell, Chair, Federation of Dental Hygiene Regulators of Canada, Edmonton, Alberta
- Gerhard Seeberger, FDI World Dental Federation President, Cagliari, Italy

Chair:

 CADR past president
 Walter Siqueira, University of Saskatchewan, Saskatoon, Canada

RESEARCH BREAKTHROUGHS

IADR and AADOCR jointly own and publish the Journal of Dental Research (JDR) and JDR Clinical & Translational Research (JDR CTR) through SAGE Publishing.

YŌT CELLS ARE ESSENTIAL FOR ORTHODONTIC TOOTH MOVEMENT

J Dent Res 100: 731-738
S. Wald, A. Leibowitz, Y. Aizenbud, Y. Saba,
K. Zubeidat, O. Barel, N. Koren, O. Heyman,
A. Wilharm, I. Sandrock, O. Fleissig, Y. Tal,
I. Prinz, D. Aizenbud, S. Chaushu, A.H. Hovav

EFFECTIVENESS AND POLICY DETERMINANTS OF SUGAR-SWEETENED BEVERAGE TAXES

J Dent Res 100: 1444-1451 L.L. Hagenaars, P.P.T. Jeurissen, N.S. Klazinga, S. Listl, M. Jevdjevic

NANO-LAYERING ADDS STRENGTH TO THE ADHESIVE INTERFACE

J Dent Res 100: 515-521 K. Yoshihara, N. Nagaoka, A. Nakamura, T. Hara, Y. Yoshida, B. Van Meerbeek

ORAL MICROBIOTA COMPOSITION PREDICTS EARLY CHILDHOOD CARIES ONSET

J Dent Res 100: 599-607 A. Grier, J.A. Myers, T.G. O'Connor, R.G. Quivey, S.R. Gill, D.T. Kopycka-Kedzierawski

DOES DENTAL CARIES INCREASE RISK OF UNDERNUTRITION IN CHILDREN?

JDR Clin Trans Res 5: 290-292 S. L. Tanner, D. Craig, R. Holmes, L. Catinella, P. Moynihan

ASSOCIATIONS BETWEEN DENTITION STATUS AND NUTRITIONAL STATUS IN COMMUNITY-DWELLING OLDER ADULTS

JDR Clin Trans Res 6: 368-381
R. Zelig, S. Goldstein, R. Touger-Decker,
E. Firestone, A. Golden, Z. Johnson, A. Kaseta,
J. Sackey, J. Tomesko, J.S. Parrott

REMOVABLE DENTURE WEARING AS A RISK PREDICTOR FOR PNEUMONIA INCIDENCE AND TIME TO EVENT IN OLDER ADULTS

JDR Clin Trans Res 6: 368-381 H. Alzamil, T.T. Wu, E. van Wijngaarden, M. Mendoza, H. Malmstrom, K. Fiscella, D.T. Kopycka-Kedzierawski, R.J. Billings, J. Xiao

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COVID-19 RESEARCH

The impacts of COVID-19 are rapidly evolving. The JDR and JDR CTR continue to actively seek manuscript submissions on COVID-19 and these manuscripts are prioritized for peer review.

ORAL MANIFESTATIONS IN PATIENTS WITH COVID-19: A LIVING SYSTEMATIC REVIEW

J Dent Res 100: 141-154 Luca Canto, N. Sugaya, A.R. Santos-Silva, E.N.S. Guerra

COVID-19: SEROPREVALENCE AND VACCINE RESPONSES IN UK DENTAL CARE PROFESSIONALS

J Dent Res 100: 1220-1227
A.M. Shields, S.E. Faustini, C.A. Kristunas,
A.M. Cook, C. Backhouse, L. Dunbar,
D. Ebanks, B. Emmanuel, E. Crouch, A. Kröger,
J. Hirschfeld, P. Sharma, R. Jaffery, S. Nowak,
S. Gee, M.T. Drayson, A.G. Richter, T. Dietrich,
I.L.C. Chapple

SOURCES OF SARS-COV-2 AND OTHER MICROORGANISMS IN DENTAL AEROSOLS

J Dent Res 100: 817-823 A.P. Meethil, S. Saraswat, P.P. Chaudhary, S.M. Dabdoub, P.S. Kumar

ADVOCACY FOR A DIGITAL ORAL HEALTH THAT LEAVES NO ONE BEHIND

JDR Clin Trans Res 7: 25–28 N. Giraudeau, B. Varenne

COVID-19 AND DENTAL AND DENTAL HYGIENE STUDENTS' CAREER PLANS

JDR Clin Trans Res 6: 153-160 D.T. García, A.A. Akinkugbe, M. Mosavel, C.S. Smith, T.H. Brickhouse

ROLE OF ASPIRATING SYSTEM TYPE IN SARS-COV-2 SEROPOSITIVITY AMONG DENTAL STAFF

JDR Clin Trans Res 6: 132-138 M. Sarapultseva, D. Hu, A. Sarapultsev

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SCIENTIFIC GROUPS & NETWORKS

GROUPS

- Behavioral, Epidemiologic and Health Services Research
- Cariology Research
- Craniofacial Biology
- Dental Anesthesiology and Special Care Research
- Dental Materials
- Diagnostic Sciences
- Education Research
- Geriatric Oral Research
- Implantology
- Microbiology/Immunology
- Mineralized Tissue
- Neuroscience
- Nutrition Research
- Oral and Maxillofacial Surgery
- Oral Health Research
- Oral Medicine and Pathology
- Orthodontics Research
- Pediatric Oral Health Research
- Periodontal Research
- Pharmacology/ Therapeutics/Toxicology
- Prosthodontics
- Pulp Biology and Regeneration
- Salivary Research
- Stem Cell Biology

NETWORKS

- Clinical and Translational Science
- e-Oral Health
- Evidence-based Dentistry
- Global Oral Health Inequalities Research
- International Network for Orofacial Pain and Related Disorders Methodology (INfORM)
- Network for Practice-based Research
- Student Training and Research (STAR)
- Women in Science

IADR REGIONS, DIVISIONS, AND SECTIONS

AFRICA/MIDDLE EAST REGION

- East & Southern Africa Division
- Egyptian Section
- Iranian Division
- Iraqi Division
- Jordanian Section
- Kuwaiti Division
- Lebanese Section
- Libyan Section
- Nigerian Division
- Saudi Arabian Division
- South African Division
- Sudanese Section
- Syrian Section
- Tunisian Section
- United Arab Emirates Section

ASIA/PACIFIC REGION

- Australian/New Zealand Division
- Chinese Division
- Indian Division
- Japanese Division
- Korean Division
- Mongolian Section
- Pakistan Section

LATIN AMERICAN REGION

- Argentine Division
- Brazilian Division
- Chilean Division
- Colombian Division
- Caribbean Section
- Costa Rican Section
- Ecuadorian Section
- Guatemalan Section
- Panamanian Section

- Paraguayan Section
- Peruvian Division
- Uruguayan Division
- Venezuelan Division

NORTH AMERICAN REGION

- American Division
- Canadian Division
- Mexican Division

PAN EUROPEAN REGION

- British Division
- Continental European Division
- Irish Division
- Israeli Division
- Russian Section
- Scandinavian Division

PROGRAMS

IADR continues to strengthen research efforts and dental research activities through the Adopt-a-Member program and the IADR Regional Development Program.

ADOPT-A-MEMBER

The 2021 Adopt-a-Member program supported 53 members and 41 student members from the following Divisions and Sections: Brazilian Division, Caribbean Section, Chilean Division, Colombian Division, Egyptian Section, Indian Division, Mexican Division, South African Division, and Uruguayan Division. Designed to provide IADR members with the opportunity to support colleagues who did not have the means to become members, the program aims to support oral and dental researchers in developing parts of the world.

To support attendance in challenging times, all IADR Members and IADR Student members from Low, Lower-Middle or Upper-Middle-Income Countries (LMIC) were eligible for a reduced pre-registration fee. This is an expansion of the reduced fee policy to include all members in LMIC's, not just the Region of the General Session. Forty-eight meeting registrations were processed for the 2021 IADR/AADR/CADR General Session & Exhibition.

IADR REGIONAL DEVELOPMENT PROGRAM

Since 1996 through 2021, the Regional Development Program has distributed more than \$1.3 million in funding to enhance research capacity and research infrastructure. Three Regional Development Programs were funded in 2021:

- ▲ IADR Australia/
 New Zealand Division
 An mHealth Model for Remote
 Emergency Assessment and Support
 of Traumatic Dental Injuries: A
 Multicenter Feasibility Study
- IADR Chilean Division
 Development of Smart Biomaterials
 to Target Implant-related Infections:
 Untangling Material-protein-bacteria
 Interactions
- IADR Tunisian Section
 People living with HIV/AIDS: Quality
 of Life, Orofacial Manifestations
 and Salivary Biomarkers





AWARDS

IADR funded and administered \$434,533 in awards and fellowships in 2021.

The following awards and fellowships were issued in 2021:

- IADR Centennial Travel Award for New Investigators
- IADR Colgate Research in **Prevention Travel Awards**
- IADR David B. Scott Fellowship
- IADR Distinguished Scientist Awards
- IADR E.W. Borrow Memorial Award
- IADR GC Centennial Travel Grants

- IADR Gold Medal
- IADR Honorary Member
- IADR Innovation in Oral Care Award
- IADR John Gray Fellowship
- IADR Joseph Lister Award for New Investigators
- IADR KULZER Travel Awards
- IADR Lion Dental Research Award

- **IADR** Osteology Foundation New Investigator Award in Oral Tissue Regeneration
- IADR Toshio Nakao Fellowship
- **IADR Hatton Competition** and Awards
- IADR/AADOCR Journal of Dental Research Cover of the Year, 2020
- IADR/AADOCR William J. Gies Awards

IADR Centennial Travel Award for **New Investigators**

Xingying Qi

Sichuan University, China

Maria Lorena Cabirta

University of Buenos Aires, Argentina

Jorge Felipe Lima Teixeira

São Paulo State University, Brazil

Sonali Sharma

ADC R&R, Dehli, India

Valentim Adelino

University of Campinas, Brazil

Stefan Chavdarov Zlatev

Medical University Plovdiv, Bulgaria

Annabella Frattaroli Pericchi

Central University of Venezuela, Caracas

Sukeshana Srivastav

All India Institute of Medical Sciences, Bungalow

Aldrin André

Huamán Mendoza

University of São Paulo, Brazil

Afef Amri

University of Monastir, Tunisia

IADR Colgate Research in Prevention Travel Awards

Supported by Colgate-Palmolive Company

Christine Shaffer

University of California, San Francisco, USA

Jennifer Baez-Polan

University of Michigan, Ann Arbor, USA

Rania Nassar

Mohammed Bin Rashid University, Dubai

Thamyris de Souza Carvalho University of São Paulo, Brazil

Nathan Schiffman

Tel Aviv University, Israel

Yun Niu

University of Hong Kong, SAR, China

IADR David B. Scott Fellowship IADR Nigerian Division

Adedire Adetomiwa

Obafemi Awolowo University, Nigeria

IADR DISTINGUISHED

SCIENTIST AWARDS

Award in Geriatric Oral Research

Supported by GlaxoSmithKline

Fredrick Allan Clive Wright

The University of Sydney, Australia

Basic Research in Biological Mineralization Award

Supported by Unilever Oral Care

University of North Carolina at Chapel Hill, USA

Behavioral, Epidemiologic and Health Services Research Award

Supported by CareQuest Institute for Oral Health

Daniel McNeil

West Virginia University, Morgantown, USA

Craniofacial Biology Research Award

Supported by Dentsply Sirona

YiPing Chen

Tulane University, New Orleans, LA, USA

Global Oral Health Research Award

Supported by GlaxoSmithKline

Lois Cohen

National Institutes of Health. Bethesda, MD, USA

H. Trendley Dean Memorial Award

Supported by Colgate-Palmolive Company

May Wong

University of Hong Kong, SAR. China

Isaac Schour Memorial Award

Supported by an endowment provided by Dr. Bernard G. Sarnat and Rhoda G. Sarnat through the Sarnat Family Foundation

Alastair Sloan

The University of Melbourne, Australia

Oral Medicine & Pathology Research Award Caroline Shiboski

University of California, San Francisco, USA

Pharmacology/ Therapeutics/Toxicology Research Award

Martin Thornhill University of Sheffield, UK

Pulp Biology & Regeneration Award Supported by Dentsply Sirona

Fionnuala Lundy

Queen's University Belfast, Northern Ireland, UK

Research in Oral **Biology Award**

Eiia Könönen

Supported by Church & Dwight Co., Inc.

University of Turku, Finland Research in Periodontal

Disease Award Supported by Colgate-Palmolive Company

Bruno Loos

Academic Center for Dentistry Amsterdam (ACTA), The Netherlands

Research in Prosthodontics and Implants Award

Kiyoshi Koyano

Kyushu University, Japan

Salivary Research Award Supported by Unilever Oral Care

Sarah Knox

University of California, San Francisco, USA

William H. Bowen Research in Dental Caries Award Supported by Johnson & Johnson Consumer. Inc.

Ingegerd Johansson

Umeå University Medical School, Sweden

Wilmer Souder Award

Supported by an endowment provided by the IADR Dental Materials Group

Alvaro Della Bona

University of Passo Fundo, Brazil

Young Investigator Award Supported by P&G Professional Oral

Health, Crest + Oral-B

Vinicius Rosa National University of Singapore

IADR E.W. Borrow Memorial Award

Edward CM Lo

University of Hong Kong, SAR, China

IADR GC Centennial Travel Grants

Supported by GC Corporation

Carolina Duarte

Nova Southeastern University, Fort Lauderdale, FL, USA

IADR Gold Medal

David Williams

Bart's and The London School of Medicine and Dentistry, UK

IADR Honorary Membership

Christopher Murray

Institute for Health Metrics and Evaluation University of Washington, Seattle, USA

IADR Innovation in Oral Care Awards

Supported by GlaxoSmithKline **Prasanna Neelakantan**

University of Hong Kong, SAR, China Precision Engineered, Functional Oligonucleotide-Eluting Mucoadhesive Nanoscale Films For The Management Of Oral Candidiasis

Nicole Ritzert

ADA Science and Research Institute, Bethesda, MD, USA Label-Free, Multianalyte Electrochemical Biosensors for Monitoring Progression and Treatment Response of Periodontitis

Cesar de la Fuente

University of Pennsylvania, Philadelphia, USA Low-cost Biosensing Mouthguard for Rapid Detection of Emerging and Oral Pathogens

IADR John Gray Fellowship IADR Scandinavian Division

Navdeep Kaur Brar

University of Oslo, Norway

IADR Joseph Lister Award for New Investigators

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1st Yuan Liu

University of Pennsylvania, Philadelphia, USA

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Barts and the London School of Medicine and Dentistry, UK

IADR KULZER Travel Awards

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University of Maryland, Baltimore, USA

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Osaka University, Japan

IADR LION Dental Research Award for Junior Investigators Supported by Lion Corporation

Behavioral, Epidemiologic and Health Services Research Hazem Abbas

Tohoku University, Sendai, Japan

IADR Osteology Foundation New Investigator Award in Oral Tissue Regeneration

Lauren Katz

University of North Carolina at Chapel Hill, USA The Role of Periostin in Craniofacial Skeletal Muscle Regeneration

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Competition and Awards Supported by SHOFU, Unilever and IADR

Junior Category

1st Natalie Atyeo

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The University of Melbourne, Australia

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1st Shanmukh Peddi

Indian Institute of Science, Bungalow, India

2nd Zhi Ren

University of Pennsylvania, Philadelphia, USA

Senior Clinical Research Category

1st Walid Ahmed Al-Soneidar

McGill University, Montreal, Canada

2nd Waheed Awotoye

University of Iowa, Iowa City, USA

IADR/AADOCR Journal of Dental Research Cover of the Year, 2020



Rei Sekiguchi, Daniel Martin, and Kenneth Yamada for the paper "Single-Cell RNA-seq Identifies

Cell Diversity in Embryonic Salivary Glands" *J Dent Res* 99(1): 69-78, 2020

IADR/AADOCR William J. Gies Award

Supported by J. Morita Corporation

Biological Research

Horizontal and Vertical Transfer of Oral Microbial Dysbiosis and Periodontal Disease Joe Aduse-Opoku, Ahmed Hashim, Mike Curtis, Mark Payne, Susan Joseph, Asil Alsam, William Wade. J Dent Res 98(13):1503-1510, 2019

Biomaterials & Bioengineering

Functionalized Graphene
Oxide Shields Tooth Dentin
from Decalcification
Tadashi Yamamoto, Yuta
Nishina, Mohammed Zahedul
Nizami, Shogo Takashiba, Yuki
Shinoda-Ito. J Dent Res 99(2):
182-188, 2019

Clinical Research

Cell-Based Regenerative
Endodontics for Treatment of
Periapical Lesions: A Randomized,
Controlled Phase I/II Clinical Trial.
Claudia Brizuela, Gastón Meza,
Dennise Urrejola, María Andrea
Quezada, Guillermo Concha,
Valeria Ramirez, Ioannis
Angelopoulos, María Ignacia
Cadiz, Rafael Tapia-Limonchi,
Maroun Khoury.
J Dent Res 99(5):523-529, 2020

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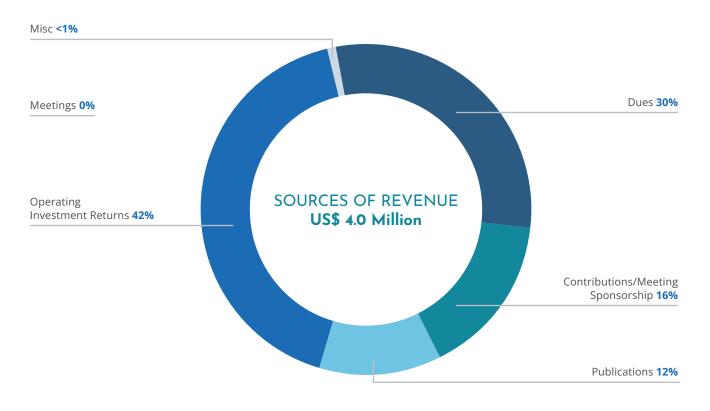
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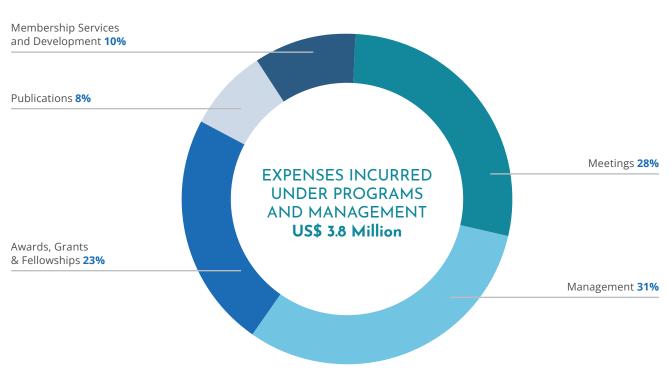
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2020 OPERATIONAL HIGHLIGHTS





STATEMENT OF FINANCIAL POSITION

December 31, 2020

(With Comparative Totals as of December 31, 2019)

	2020	2019
ASSETS		
Current Assets		
Cash and Cash Equivalents	\$337,103	\$1,439,228
Accounts Receivable	32,518	129,106
Contributions Receivable	305,500	551,205
Due from AADR	338,107	-
Prepaid Expenses and Other Current Assets	210,277	440,202
Total Current Assets	1,223,505	2,559,741
Investments	15,599,174	15,008,042
Fixed Assets, Net	544,929	463,746
Investment In Deferred Compensation	355,508	273,518
Total Assets	\$17,723,116	\$18,305,047
LIABILITIES AND NET ASSETS		
Current Liabilities		
Accounts Payable and Accrued Expenses	\$275,334	\$158, 816
Due to AADR	-	86,909
Refunds and Pass-Through Amounts	272,402	525,011
Refundable Advances	156,400	145,000
PPP Refundable Advance	405,175	-
Deferred Revenue		
Dues	376,730	600,817
General Session	4,251	847,260
Total Deferred Revenue	380,981	1,448,077
Total Current Liabilities	1,490,292	2,363,813
Deferred Compensation Payable	355,508	273,518
Total Liabilities	1,845,800	2,637,331
Net Assets		
Without Donor Restrictions		
Undesignated	14,590,570	14,290,510
Board Designated	388,013	355,870
Total Without Donor Restrictions	14,978,583	14,646,380
With Donor Restrictions		
Purpose Restricted	679,145	809,163
Endowment Funds	219,588	212,173
Total With Donor Restrictions	898,733	1,021,336
Total Net Assets	15,877,316	15,667,716
Total Liabilities and Net Assets	\$17,723,116	\$18,305,047

IADR Annual Report 2021

STATEMENT OF FINANCIAL ACTIVITIES

For the Year Ended December 31, 2020

(With Comparative Totals for the Year Ended December 31, 2019)

	Without Donor Restrictions	With Donor Restrictions	2020 Total	2019 Tota
REVENUES				
Conference Registration	\$ -	\$ -	\$ -	\$ 2,219,614
Membership Dues	1,185,112	-	1,185,112	1,361,572
Exhibitors' Fees	-	-	-	160,088
Advertising	7,223	-	7,223	16,406
Symposia	-	-	-	25,100
Contributions and Sponsorships	-	647,946	647,946	1,188,042
Royalties and Publishing	473,580	-	473,580	503,752
Investment Return Designated for Current Operations	280,219	-	280,219	274,689
Miscellaneous	5,505	-	5,505	49,461
Net Assets Released from Restrictions	796,316	(796,316)	-	
Total Revenues	2,747,955	(148,370)	2,599,585	5,798,724
EXPENSES				
Program Expenses				
Journal of Dental Research and Publishing	283,380	-	283,380	302,664
General Session and Meetings	1,060,190	-	1,060,190	2,695,200
Awards, Grants and Fellowships	871,691	-	871,691	763,291
Member Services and Other Programs	230,916	-	230,916	295,001
Total Program Expenses	2,446,177	-	2,446,177	4,056,156
Supporting Services				
Management and General Expenses	1,193,619	-	1,193,619	1,261,884
Membership Development	165,365	-	165,365	224,074
Total Supporting Services	1,358,984	-	1,358,984	1,485,958
Total Expenses	3,805,161	-	3,805,161	5,542,114
Change in Net Assets before Investment Gain	(1,057,206)	(148,370)	(1,205,576)	256,610
Investment Gain in Excess of Amounts Designated for Current Operations	1,389,409	25,767	1,415,176	1,995,583
Change in Net Assets	332,203	(122,603)	209,600	2,252,193
Net Assets, Beginning of Year	14,646,380	1,021,336	15,667,716	13,415,523
Net Assets, End of Year	\$14,978,583	\$898,733	\$15,877,316	\$15,667,716

FUTURE MEETINGS

The 100th General Session & Exhibition of the IADR and the 5th Meeting of the IADR Asia Pacific Region will be a virtual meeting, taking place online on June 20-25, 2022.



2023

101st General Session & Exhibition of the IADR XII Meeting of the Latin American Region

Bogotá, Colombia • June 21-24, 2023

2024

 102^{nd} General Session & Exhibition of the IADR 53^{rd} Meeting of the AADOCR 48^{th} Meeting of the CADR

New Orleans, LA, USA • March 13-16, 2024

2025

103rd General Session & Exhibition of the IADR

Barcelona, Spain • June 25-28, 2025



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