

2020 ANNUAL REPORT



ABOUT IADR

The **International Association for Dental Research (IADR)** is a nonprofit organization with over 10,000 individual members worldwide. The IADR Mission is to drive dental, oral and craniofacial research for health and well-being worldwide. The IADR Vision is oral health for the world through discovery and dissemination.

IADR VALUES STATEMENT

IADR Core Values

Scientific Excellence ▲ **Social Responsibility** ▲ **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.

2020 HIGHLIGHTS

IADR CENTENNIAL

2020 marked the Centennial of the founding of IADR! While we could not celebrate in person, IADR commemorated this momentous occasion in many ways. The **IADR Centennial website**, www.iadr100.org, honors the historic advancements and scientific discoveries and highlights the accomplishments of the greatest contributors to dental, oral and craniofacial research worldwide. The new **IADR Centennial Emerging Leaders Award** recognizes young investigators who will lead the research field into the next century.



IADR Centennial Plenary sessions were organized for the 2020 IADR/AADR/CADR General Session & Exhibition scheduled for March 18-21, 2020 in Washington, D.C., USA. The General Session was cancelled due to the worldwide COVID-19 outbreak but two IADR Centennial Plenary sessions were recorded and are available to view on the IADR CE On Demand library: "Artificial Intelligence in Research" and "Genetic Insights Into Diagnostics and Therapeutics in the 21st Century."

IADR COVID-19 RESOURCES

The impacts of COVID-19 are rapidly evolving and as such IADR has created the COVID-19 Updates and Resources webpage, www.iadr.org/covid-19, to keep our members up-to-date with funding opportunities, Association news, COVID-19 articles published in the *Journal of Dental Research (JDR)*, *JDR Clinical & Translational Research (JDR CTR)* as well as other publishers and other useful resources. The *JDR* and *JDR CTR* have published vital articles on this topic and continue to actively seek manuscript submissions on COVID-19, manuscripts on this topic are prioritized for peer review.



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MESSAGE FROM THE PRESIDENT



It is an honor and a great privilege to serve as President of the International Association for Dental Research, the IADR, during the past year. The IADR is the leading global organization for dental, oral and craniofacial research, continually striving to achieve its Mission to drive dental, oral and craniofacial research for health and well-being worldwide.

The global COVID-19 pandemic resulted in the difficult decision to cancel our 98th General Session & Exhibition and IADR Centennial celebration in Washington, D.C., USA. It was unfortunate that we were not able to gather together to share our science and celebrate our Centennial. However, in response to the challenges of the pandemic, IADR has launched new initiatives to enhance our connection and communication.

While we could not celebrate in person, IADR commemorated our Centennial in many ways including the IADR Centennial website (www.iadr100.org) and through the IADR Centennial Emerging Leaders Award, created to recognize young investigators who will lead the research field into the next century. These and other IADR award, competition and fellowship winners were recognized via video announcements.

IADR, along with the AADR, announced a new *Journal of Dental Research (JDR)* Editor-in-Chief, Nicholas Jakubovics, Newcastle University, England. We are proud of the *JDR*, which continues to rank #1 of 91 journals in the "Dentistry, Oral Surgery & Medicine" category in *Eigenfactor* with a score of 0.019860. The *JDR* ranks as #2 in Article Influence with a score of 1.627 and #3 in 2-year Impact Factor, #2 without self-citations, with a score of 4.914. With over 20,000 citations, the *JDR* also boasts the most citations in the category — over 3,500 citations above the 2nd ranked journal in the field. Our newer *JDR Clinical & Translational Research (JDR CTR)* published four issues in 2020, including important COVID-19 research.

Looking ahead, the 99th General Session of the IADR, the 50th Meeting of the AADR and the 45th Meeting of the CADR will be held in Boston, Mass., USA, from July 21-24, 2021. The 2021 IADR/AADR/CADR General Session will be a hybrid meeting, offering both virtual components and in-person events. This will allow researchers around the world to join together to participate in our international meeting.

These are challenging, but also exciting times as we find new avenues of scientific communication and collaboration. I encourage you to be involved as an active partner with your colleagues in the IADR. Together we continue to look toward our global future as the premier Association for dental, oral and craniofacial research.

Yours sincerely,

A handwritten signature in black ink that reads "P. Den Besten".

Pamela Den Besten, D.D.S., M.S.
IADR President

MESSAGE FROM THE CHIEF EXECUTIVE OFFICER



Each year, the IADR strives to drive dental, oral and craniofacial research for health and well-being worldwide, and this year was no exception. IADR activities for 2020 were severely impacted by the COVID-19 global pandemic. The year presented enormous disruptive changes, but also presented unique opportunities. Under the leadership of President Pamela Den Besten, an outstanding Board of Directors and a dedicated staff, IADR was able to quickly execute a number of new programs to keep our members informed and engaged in the new virtual environment.

In the online IADR Community members can discuss hot topics and share insights, as well as network with other members of their IADR Scientific Group/Network throughout the year. On the IADR Webinar Connect platform members can attend live webinars and view the growing list of webinars on demand.

Other highlights from 2020 include the IADR and AADR “Sugar-sweetened Beverages (SSB) Policy and Position Statement,” clearly defining IADR’s support for avoiding the consumption of SSBs. IADR continues to support the Minamata Convention on Mercury, specifically the decision to phase down dental amalgam for environmental reasons, and committed technical resources to assist the World Health Organization in implementing the Minamata Convention on Mercury-related project “Accelerating the early implementation of the phase down of the use of dental amalgam to achieve socio-economic, environmental and public health benefits.”

For the second full year IADR was 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. In 2019, AADR was the recipient of an R13 conference grant that assisted with providing travel funds for 25 new investigators from low- and middle-income countries to present their research at the 8th World Workshop for Oral Health and Disease in HIV/AIDS: Improving health and well-being, held in September 2019 in Bali, Indonesia. The proceedings were published this year in *Oral Diseases*.

IADR has completed another successful year and there is much to look forward to in 2021! I thank all IADR members for their continued support, as well as IADR President Pamela Den Besten and the Board of Directors who tirelessly volunteer their time to furthering our mission.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chris Fox". The signature is fluid and cursive, written over a white background.

Christopher H. Fox, D.M.D., D.M.Sc.
IADR Chief Executive Officer

2020 HIGHLIGHTS

SUGAR-SWEETENED BEVERAGES POLICY STATEMENT

The IADR and the American Association for Dental Research (AADR) collaboratively published a policy and position statement to clearly define its support for avoiding the consumption of sugar-sweetened beverages (SSBs) citing the role of SSBs as a source of free sugars and a common risk factor for the development of dental caries and other non-communicable chronic diseases.

JOURNAL OF DENTAL RESEARCH

New JDR Editor-in-Chief: In March 2020, William Giannobile, University of Michigan, Ann Arbor, USA, ended his 10-year term as Editor-in-Chief of the *JDR*. Nicholas Jakobovics, Newcastle University, England, was named the new *JDR* Editor-in-Chief.

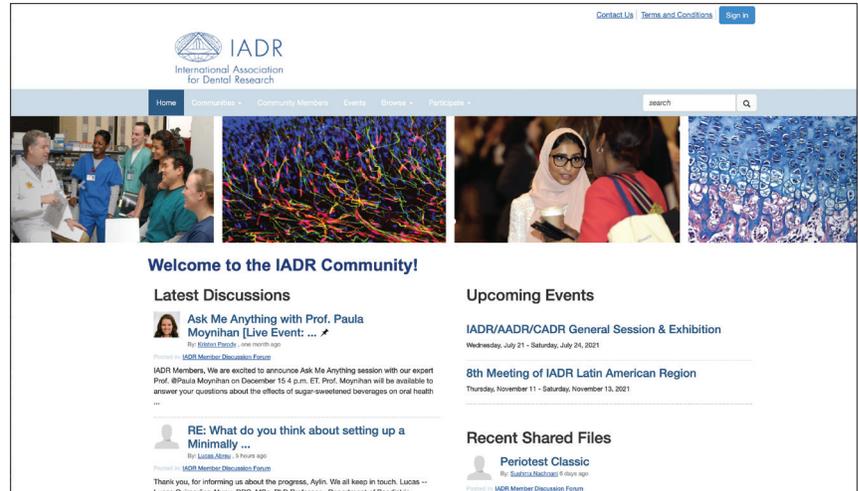
JDR Special Issue on the Oral Microbiome:

The June 2020 *JDR* Special Issue is a collection of the latest research on the oral microbiome, including new tools for analyzing microbial communities and evidence that the oral microbiome is involved in oral cancer and diabetes mellitus.

JDR Impact Factor:

- ▲ #1 of 91 journals in the "Dentistry, Oral Surgery & Medicine" category, in Eigenfactor 0.019860
- ▲ #2 in Article Influence with a score of 1.627 and 5-year Impact Factor at 5.844
- ▲ #3 in 2-year Impact Factor with a score of 4.914
- ▲ Most citations in the "Dentistry, Oral Surgery & Medicine" category
- ▲ 20,000+ citations, over 3,500 citations above the second ranked journal

NEW! IADR COMMUNITY



Online interaction has become paramount in 2020. To help our members engage with each other throughout the year, IADR launched the online IADR Community. Members can now discuss hot topics, share insights and post resources while building their

worldwide professional network. Within the overall IADR Community, each IADR Scientific Group and Network has their own separate community which allows members to further connect within their specialty area of dental, oral and craniofacial research.

NEW! IADR WEBINAR CONNECT



The new IADR Webinar Connect platform allows users to participate in upcoming live webinars and view the growing list of webinars on demand. To help expand IADR Webinar Connect

content, IADR created a new webinar proposal submission webpage where members can submit a webinar proposal for consideration.

INTERNATIONAL COLLABORATIONS

WORLD HEALTH ORGANIZATION

IADR and AADR are firm believers in the importance of international scientific collaboration and are deeply concerned by the Trump administration's decision to terminate the relationship of the United States with the World Health Organization (WHO). It is through engagement and robust partnerships with peers around the world that we can more effectively advance knowledge and promote resources that will lead to better health for all. IADR and AADR urge the administration to reconsider its decision to terminate the U.S. relationship with the WHO and to consider the long-term impact that this decision will have on U.S. health and global health.

MINAMATA CONVENTION ON MERCURY

The IADR has committed technical resources to assist the WHO in implementing the Minamata-related project *Accelerating the early implementation of the phase down of the use of dental amalgam to achieve socio-economic, environmental and public health benefits*. This is a pilot program in three countries (Senegal, Thailand and Uruguay) to phase down dental amalgam.

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. The ISO 2020 meeting was held virtually on August 23-28, 2020. The 2021 meeting will be announced at a later date.

FDI WORLD DENTAL FEDERATION

The 2020 FDI World Dental Congress, scheduled for September 1-4, 2020 in Shanghai, China, was canceled due to the global COVID-19 outbreak. The next FDI World Dental Congress is scheduled for September 26-29, 2021 in Sydney, Australia.

NCD ALLIANCE

2020 was the second full year that IADR was 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). IADR and AADR promoted the Sugar-sweetened Beverages Policy and Position Statement via a week-long social media campaign as part of the NCD Alliance Global Week for Action on Non-Communicable Diseases (NCD) on September 7-13, 2020. The campaign brought attention to the consequences of SSBs on the oral cavity and included daily posts relative to the avoidance of SSBs and creation of the infographic "Why Should I Avoid Sugar-sweetened Beverages."

PUBLICATION OF THE PROCEEDINGS OF THE 8TH WORLD WORKSHOP FOR ORAL HEALTH AND DISEASES IN HIV/AIDS

In 2019, AADR was the recipient of an R13 conference grant that assisted with providing travel funds for 25 new investigators from low- and middle-income countries to present their research at the 8th World Workshop for Oral Health and Disease in HIV/AIDS: Improving health and well-being, held in September 2019 in Bali, Indonesia. Funding for this conference was made possible (in part) by Grant 1R13DE28504-01A1 by the National Institute of Dental and Craniofacial Research. The proceedings were published in September 2020 in *Oral Diseases*.

2020 IADR/AADR/CADR GENERAL SESSION & EXHIBITION

Washington, D.C., USA | March 18-21, 2020

Due to the COVID-19 global pandemic, the 2020 IADR/AADR/CADR General Session & Exhibition and IADR Centennial Celebration was canceled. While we could not celebrate in person, IADR commemorated this momentous occasion in other ways and many generous members and sponsors donated their registration fees and sponsorships to assist in defraying the costs for the canceled General Session.



Award competitions were carried out virtually and the award and competition winners were announced via a video.

Distinguished Lecture Series Speakers

Two Distinguished Lecture Series presentations are available in the **IADR CE On Demand** library.



Otis W. Brawley
"Cancer Control in
the 21st Century"



Janine Austin Clayton
"Sex and Gender Influences
Across the Biomedical and
Dental Research Continuum:
A Value Added Proposition"

IADR members are able to view:



20+ hours of content through **IADR CE On Demand**, including symposia, IADR Centennial plenaries and Distinguished Lecture Series speakers.



750+ oral, ePoster and poster sessions are also available in the **IADR Abstract Archive**.



IADR donated all 5,000 conference bags to Good360, a leader in product philanthropy. The bags were transformed into hygiene kits and wellness products for the homeless and those in need.

RESEARCH BREAKTHROUGHS

CHILD CARIES MANAGEMENT: A RANDOMIZED CONTROLLED TRIAL IN DENTAL PRACTICE

J Dent Res 99: 36-43

N.P. Innes, J.E. Clarkson, G.V.A. Douglas, V. Ryan, N. Wilson, T. Homer, Z. Marshman, E. McColl, L. Vale, M. Robertson, A. Abouhajar, R.D. Holmes, R. Freeman, B. Chadwick, C. Deery, F. Wong, A. Maguire

INSIGHTS OBTAINED BY CULTURING SACCHARIBACTERIA WITH THEIR BACTERIAL HOST

J Dent Res 99: 685-694

B. Bor, A.J. Collins, P.P. Murugkar, S. Balasubramanian, T.T. To, E.L. Hendrickson, J.K. Bedree, F.B. Bidlack, C.D. Johnston, W. Shi, J.S. McLean, X. He, F.E. Dewhirst

TRENDS IN BURDEN OF ORAL CONDITIONS FROM 1990 TO 2017: A SYSTEMATIC ANALYSIS FOR THE GLOBAL BURDEN OF DISEASE 2017 STUDY

J Dent Res 99: 362-373

E. Bernabe, W. Marcenes, C.R. Hernandez, J. Bailey, L.G. Abreu, V. Alipour, S. Amini, J. Arabloo, Z. Arefi, A. Arora, M.A. Ayanore, T.W. Bärnighausen, A. Bijani, D.Y. Cho, D.T. Chu, C.S. Crowe, G.T. Demoz, D.G. Demsie, Z.S. Dibaji Forooshani, M. Du, M. El Tantawi, F. Fischer, M.O. Folayan, N.D. Futran, Y.C.D. Geramo, A. Haj-Mirzaian, N. Hariyani, A. Hasanzadeh, S. Hassanipour, S.I. Hay, M.K. Hole, S. Hostiuc, M.D. Ilic, S.L. James, R. Kalhor, L. Kemmer, M. Keramati, Y.S. Khader, S. Kisa, A. Kisa, A. Koyanagi, R. Laloo, Q. Le Nguyen, S.D. London, N.D. Manohar, B.B. Massenburg, M.R. Mathur, H.G. Meles, T. Mestrovic, A. Mohammadian-Hafshejani, R. Mohammadpourhodki, A.H. Mokdad, S.D. Morrison, J. Nazari, T.H. Nguyen, C.T. Nguyen, M.R. Nixon, T.O. Olagunju, K. Pakshir, M. Pathak, N. Rabiee, A. Rafiei, K. Ramezanzadeh, M.J. Rios-Blancas, E.M. Roro, S. Sabour, A.M. Samy, M. Sawhney, F. Schwendicke, F. Shaahmadi, M.A. Shaikh, C. Stein, M.R. Tovani-Palone, B.X. Tran, B. Unnikrishnan, G.T. Vu, A. Vukovic, T.S.S. Warouw, Z. Zaidi, Z.J. Zhang, N.J. Kassebaum

AN EVOLUTIONARILY CONSERVED HELIX MEDIATES AMELOBLASTIN-CELL INTERACTION

J Dent Res 99: 1072-1081

J. Su, R.A. Bapat, G. Visakan, J. Moradian-Oldak

A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE ROLE OF SUGAR-FREE CHEWING GUM IN DENTAL CARIES

JDR Clinical & Translational Research 5: 214-223

J.T. Newton, O. Awojobi, M. Nasseripour, F. Warburton, S. Di Giorgio, J.E. Gallaghe, A. Banerjee

EMULATION OF COMMUNITY WATER FLUORIDATION COVERAGE ACROSS US COUNTIES

JDR Clinical & Translational Research 5: 376-384

J.A. Curiel, A.E. Sanders, G.D. Slade

CUTTING-EDGE COVID-19 RESEARCH

CORONAVIRUS DISEASE 2019 (COVID-19): EMERGING AND FUTURE CHALLENGES FOR DENTAL AND ORAL MEDICINE

J Dent Res 99: 481-487

L. Meng, F. Hua, Z. Bian

OROPHARYNGEAL SECRETION AS ALTERNATIVE FOR SARS-COV-2 DETECTION

J Dent Res 99: 1199-1205

C. Yu, L. Li, Y. Tuersun, X. Zhao, Q. Feng, T. Zhang, F.R. Tay, J. Ma

MODELING OF THE TRANSMISSION OF CORONAVIRUSES, MEASLES VIRUS, INFLUENZA VIRUS, MYCOBACTERIUM TUBERCULOSIS, AND LEGIONELLA PNEUMOPHILA IN DENTAL CLINICS

J Dent Res 99: 1192-1198

C. Zemouri, S.F. Awad, C.M.C. Volgenant, W. Crielaard, A.M.G.A. Laheij, J.J. de Soet

DENTAL CARE AND ORAL HEALTH UNDER THE CLOUDS OF COVID-19

JDR Clinical & Translational Research 5: 202-210

Y.F. Ren, L. Rasubala, H. Malmstrom, E. Eliav

COVID-19 AND INEQUITIES IN ORAL HEALTH CARE FOR OLDER PEOPLE: AN OPPORTUNITY FOR EMERGING PARADIGMS

JDR Clinical & Translational Research 5: 290-292

S. Leon, R.A. Giacaman

CONSIDERATIONS FOR PREGNANT DENTAL AND HEALTH CARE WORKERS AMID COVID-19

JDR Clinical & Translational Research 5: 300-306

A. Mann, A. Dahiya, L.C. Souza, A. Letra

IADR 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

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 2020 Adopt-a-Member program supported 82 Members and 40 student members from the following Divisions and Sections: Brazilian, Caribbean, Chinese, Costa Rican, East & Southern Africa, Egyptian, Indian, Nigerian and Southeast Asian. 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.

IADR REGIONAL DEVELOPMENT PROGRAM

Since 1996 through 2020, 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 2020:

- ▲ **IADR Colombian Division**
Caries OUT: Multicenter Study in Children with CariesCare International adapted for the COVID-19 Pandemic
- ▲ **IADR Chilean Division**
Bacterial Translocation Signatures in Periodontitis: A new paradigm for the Relationship between Periodontal-gut Microbiota and Non-Communicable Diseases
- ▲ **IADR Mexican and Chilean Divisions**
Role of Boldine on Treg/Th17 Balance and Alveolar Bone Resorption During Experimental Periodontitis

AWARDS

IADR funded and administered \$485,837 in awards and fellowships in 2020. The 2020 IADR/AADR/CADR General Session & Exhibition was canceled due to the COVID-19 pandemic but many generous members and sponsors donated their registration fees and sponsorships to assist in defraying the costs for the canceled General Session. Award competitions were carried out virtually and winners were announced via a video provided to the membership.

The following awards and fellowships were issued in 2020:

- ▲ IADR Academy of Osseointegration Innovation in Implant Sciences Award
- ▲ IADR Centennial Emerging Leaders Award
- ▲ IADR Centennial Travel Award for New Investigators
- ▲ IADR Colgate Research in Prevention Travel Awards
- ▲ IADR David B. Scott Fellowship
- ▲ IADR Distinguished Scientist Awards
- ▲ IADR Distinguished Service 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 J. Clarkson Fellowship
- ▲ IADR Joseph Lister Award for New Investigators
- ▲ IADR KULZER Travel Awards
- ▲ IADR Lion Dental Research Award
- ▲ IADR Norton M. Ross Fellowship
- ▲ IADR Osteology Foundation New Investigator Award in Oral Tissue Regeneration
- ▲ IADR STAR Network Academy Fellowship
- ▲ IADR Unilever Hatton Competition and Awards
- ▲ IADR/AADR *Journal of Dental Research* Cover of the Year, 2019
- ▲ IADR/AADR William J. Gies Awards

IADR Academy of Osseointegration Innovation in Implant Sciences Award

Supported by Academy of Osseointegration

Allan Radaic

University of California, San Francisco, USA

IADR Centennial Emerging Leaders Award Winners

Africa/Middle East Region

Fawaz Alzoubi

Kuwait University, Kuwait City (Kuwaiti Division)

Amira Besbes

Monastir University, Tunisian (Tunisian Section)

Asia/Pacific Region

Waruna Lakmal Dissanayaka

The University of Hong Kong, SAR, China (Southeast Asian Division)

Lina Niu

The Fourth Military Medical University, Shaanxi, China (Chinese Division)

May Lei Mei

University of Otago, Dunedin, New Zealand (Australian/New Zealand Division)

Carolina Loch Santos da Silva

University of Otago, Dunedin, New Zealand (Australian/New Zealand Division)

Santosh Tadakamadla

Griffith University, Queensland, Australia (Australian/New Zealand Division)

Latin American Region

Valentim Adelino

Ricardo Barão

University of Campinas, Brazil (Brazilian Division)

Sebastian Fontana

National University of Cordoba, Argentina (Argentine Division)

Diana Gabriela Soares

University of São Paulo, Brazil (Brazilian Division)

North American Region

Luiz Eduardo Bertassoni

Oregon Health & Science University, Portland, USA (American Division)

Marco C. Bottino

University of Michigan, Ann Arbor, USA (American Division)

Kimon Divaris

University of North Carolina at Chapel Hill, USA (American Division)

Brian Foster

The Ohio State University, Columbus, USA (American Division)

Dmitry Shungin

Broad Institute of Harvard and MIT, Boston, Mass., USA (American Division)

Tamanna Tiwari

University of Colorado, Denver, USA (American Division)

Pan European Region

Henry Fergus Duncan

Trinity College Dublin, Ireland (Irish Division)

Vesna Miletic

University of Belgrade, Serbia (Continental European Division)

Gustavo Giacomelli Nascimento

Aarhus University, Denmark (Scandinavian Division)

Falk Schwendicke

Charité - Universitätsmedizin Berlin, Germany (Continental European Division)

IADR Centennial Travel Award for New Investigators

Valentim Adelino

Ricardo Barão

University of Campinas (UNICAMP), São Paulo, Brazil

Renato Casarin

University of Campinas (UNICAMP), São Paulo, Brazil

Jiewen Dai

Shanghai Jiao Tong University, Shanghai, China

Chanyuan Jin

Tsinghua University, Beijing, China

Angela Quispe-Salcedo

Universidad Científica del Sur, Lima, Peru

David Okoye

University of Nigeria, Enugu

Olubukola Olatosi

University of Lagos, Nigeria

Tamara Peric

University of Belgrade, Serbia

Theint Theint Than Way

University of Dental Medicine, Yangon, Burma

Aybuke Uslu

Hacettepe University, Ankara, Turkey

IADR Colgate Research in Prevention Travel Awards

Supported by Colgate-Palmolive Company

Letícia Capalbo

São Paulo State University (UNESP), Araçatuba, Brazil

Farzana Chowdhury

Queen Mary University of London, England

Mahmoud Elashiry

Augusta University, Ga., USA

Ting Sang

Nanchang University, Jiangxi, China

Jingyang Zhang

The University of Hong Kong, SAR, China

Li Zhou

The University of Hong Kong, SAR, China

IADR David B. Scott Fellowship

Aisha Almulla

Kuwait University, Kuwait City

Latifah Ibrahim

Kuwait University, Kuwait City

IADR DISTINGUISHED SCIENTIST AWARDS

Award in Geriatric Oral Research

Supported by GlaxoSmithKline

Douglas Berkey

University of Colorado, Aurora, USA

Basic Research in Biological Mineralization Award

Anne George

University of Illinois at Chicago, USA

Behavioral, Epidemiologic and Health Services Research Award

Supported by DentaQuest Partnership for Oral Health Advancement

Rebecca Harris

University of Liverpool, England

Craniofacial Biology Research Award

Supported by Dentsply Sirona

Mary L. Marazita

University of Pittsburgh, Pa., USA

Global Oral Health Research Award

Supported by GlaxoSmithKline

Richard G. Watt

University College London, England

H. Trendley Dean Memorial Award

Supported by Colgate-Palmolive Company

Lisa M. Jamieson

University of Adelaide, Australia

Isaac Schour Memorial Award

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

Sarah C. Heilshorn

Stanford University, Calif., USA

Oral Medicine & Pathology Research Award Kristiina Heikinheimo

University of Turku, Finland

Pharmacology/Therapeutics/ Toxicology Research Award Asma A. Khan

University of Texas Health Science Center at San Antonio, USA

Pulp Biology & Regeneration Award

Supported by Dentsply Sirona

Ivo Lambrichts

Hasselt University, Diepenbeek, Belgium

Research in Oral Biology Award

Supported by Church & Dwight Co., Inc.

Stan Gronthos

University of Adelaide, Australia

Research in Periodontal Disease Award

Supported by Colgate-Palmolive Company

Anton Sculean

University of Berne, Switzerland

Research in Prosthodontics and Implants Award Matthias Kern

Christian-Albrechts University at Kiel, Germany

Salivary Research Award Stefan Hans-Klaus Ruhl

University at Buffalo, N.Y., USA

William H. Bowen Research in Dental Caries Award

Supported by Johnson & Johnson Consumer, Inc.

Doron Steinberg

The Hebrew University, Jerusalem, Israel

Wilmer Souder Award

Supported by an endowment provided by the IADR Dental Materials Group

Satoshi Imazato

Osaka University, Japan

Young Investigator Award

Supported by P&G Professional Oral Health, Crest + Oral-B

Kimon Divaris

University of North Carolina at Chapel Hill, USA

IADR Distinguished Service Award Kiyoshi Ohura

Taisei Gakuin University, Sakai, Osaka, Japan

IADR E.W. Borrow Memorial Award Jaime A. Cury

Piracicaba Dental School, UNICAMP, São Paulo, Brazil

IADR GC Centennial Travel Grants

Supported by GC Corporation

Aline de Almeida Neves

Federal University Rio de Janeiro, Brazil

Carola B. Bozal

University of Buenos Aires, Argentina

Nandita Kshetrimayum

Regional Institute of Medical Sciences, Manipur, India

IADR Gold Medal Barry J. Sessle

University of Toronto, Canada

IADR Honorary Membership Peter Cooney

University of Toronto Ontario, Canada

IADR Innovation in Oral Care Awards

Supported by GlaxoSmithKline

Jonathan An

University of Washington, Seattle, USA

"Role of mTOR Inhibition and Senolysis in Age-related Salivary Gland Dysfunction"

Co-Investigator: Matt Kaeberlein

Isabelle Denry

University of Iowa, Iowa City, USA

"Sprayable Self-assembled Microspheres for Rapid Hemostasis of Oral and Maxillofacial Wounds"

Co-Investigator: Amanda Haes

So Ran Kwon

Loma Linda University, Calif., USA

"On Demand Anticariogenic Activity of 3D Printed Composite Discs Infused with Gold Doped Titanium Oxide Nanofibers (Au-TiO2 NFs)"

Co-Investigators: Roberto Savignano, Christopher Perry

IADR JOHN J. CLARKSON FELLOWSHIP Saima Yunus Khan

Aligarh Muslim University, India

IADR Joseph Lister Award for New Investigators

Sponsored by: Johnson & Johnson Consumer Inc.

1st Jacqueline Burgette

University of Pittsburgh, Pa., USA

2nd Wei Ji

Wuhan University, SAR, China

IADR KULZER Travel Awards

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Arwa Daghrery

University of Michigan, Ann Arbor, USA

Valentin Herber

Medical University of Graz, Austria

Kimberly Ngai

University of Toronto, Canada

Mohammed Zahedul Islam Nizami

Okayama University, Japan

Yin Ziaoxue

The University of Hong Kong, SAR, China

IADR LION Dental Research Award for Junior Investigators

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The University of Hong Kong, SAR, China

Periodontal Research Group:

Carla Alvarez Rivas

Universidad de Chile, Santiago

IADR NORTON M. ROSS FELLOWSHIP

Isabelle Luz de Albuquerque

Pontifical Catholic University of Paraná, Curitiba, Brazil

IADR Osteology Foundation New Investigator Award in Oral Tissue Regeneration

Kasia Gurzawska-Comis
University of Birmingham, England

IADR STAR Network Academy Fellowship

Emilio Cafferata
Universidad de Chile, Santiago

Kiho Cho

University of New South Wales at Sydney, Australia

IADR Unilever Hatton Competition and Awards

Supported by Unilever and IADR

Junior Category

1st Wachirawit Suntawan

Chulalongkorn University, Bangkok, Thailand

2nd Basma Salem

Queen's University Belfast, Ireland

Senior - Basic Science Category

1st Christopher Donnelly

Duke University, Durham, N.C., USA

2nd Risa Masumoto

Osaka University, Japan

Senior - Clinical Research Category

1st Madhurmia Datta

University of British Columbia, Vancouver, Canada

2nd Sonali Sharma

Army Dental Centre, Delhi, India

IADR/AADR Journal of Dental Research Cover of the Year, 2019



A. Oyelakin, E.A.C. Song, S. Min, J.E. Bard, J.V. Kann, E. Horeth, K. Smalley, J.M. Kramer, S. Sinha and R.A. Romano

for the paper "Transcriptomic and Single-Cell Analysis of the Murine Parotid Gland" *J Dent Res* 98(13): 1539-1547.

IADR/AADR

William J. Gies Award

The award in the **Biological Research** category was

presented to N.L. Hammond, K.J. Brookes and M.J. Dixon for the paper "Ectopic Hedgehog Signaling Causes Cleft Palate and Defective Osteogenesis," *J Dent Res* 97(13): 1485-1493, 2018.

The award in the **Biomaterials and Bioengineering Research**

category is presented to E.E. Smith, S. Angstadt, N. Monteiro, W. Zhang, A. Khademhosseini and P.C. Yelick for the paper "Bioengineered Tooth Buds Exhibit Features of Natural Tooth Buds," *J Dent Res* 97(10): 1144-1151, 2018.

The award in the **Clinical Research** category is presented to O. Urquhart, M.P. Tampi,

L. Pilcher, R.L. Slayton, M.W.B. Araujo, M. Fontana, S. Guzmán-Armstrong, M.M. Nascimento, B.B. Nový, N. Tinanoff, R.J. Weyant, M.S. Wolff, D.A. Young, D.T. Zero, R. Brignardello-Petersen, L. Banfield, A. Parikh, G. Joshi and A. Carrasco-Labra for the paper "Nonrestorative Treatments for Caries: Systematic Review and Network Meta-analysis," *J Dent Res* 98(1): 14-26, 2019.

MEMBERSHIP





Continental European | **734**

Syrian | **8**

Russian | **7**

Jordanian | **4**

Iraqi | **19**

Chinese | **517**

Lebanese | **7**

Kuwaiti | **40**

Iranian | **5**

Mongolian | **1**

Korean | **102**

Israeli | **73**

Japanese | **939**

Indian | **99**

Pakistani | **49**

United Arab Emirates | **12**

Saudi Arabian | **161**

Southeast Asian | **304**

East & Southern African | **31**

Egyptian | **56**

African Middle East | **470**

Asia Pacific | **2,242**

Latin American | **806**

North American | **3,308**

Pan European | **1,477**

Other | **11**

TOTAL | 8,314

Australian/New Zealand | **231**

REGIONAL REPORTS

IADR has 28 Divisions and 17 Sections that comprise five Regions. IADR is organized into Regions for purposes of more effective and efficient delivery of IADR Member Services. Divisions are formed when a nation, or group of geographically related nations, with 50 or more members is approved by Council. Sections can be formed with 10 or more members. All Divisions and Sections are within one of the five Regions. IADR's organizational structure is best poised to promote research around the world and grow membership.

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

The IADR Saudi Arabian Division has been very active in 2020 hosting over 30 events in collaboration with numerous institutions, including five online Research Days in which 1,000 students participated. The Division also worked with the Saudi Dental Specialized Societies to launch research databases in Orthodontics, Prosthodontics and Restorative dental specialties.

Other meetings from Divisions and Sections within the Africa/Middle East Region include the 50th Annual Meeting of the South African Division held virtually on November 12-13, 2020, and the 6th Annual Scientific Meeting and the 1st Virtual Meeting of the Iraqi Division in collaboration with the Al-Mustansiriyah University College of Dentistry held on September 3-5, 2020.

ASIA/PACIFIC REGION

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

The 68th Annual Meeting of IADR Japanese Division was held virtually on November 7-8, 2020 and the 39th Annual Meeting of the IADR Korean Division was held on September 3, 2020 in Seoul, Republic of Korea. The 34th IADR Southeast Asian Division Annual Scientific Meeting was held virtually, from Bangkok, Thailand.

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

The 53rd Annual Meeting of the IADR Argentine Division was held on November 5-7, 2020, the IADR Chilean Division Annual Meeting was held virtually on July 30-31, 2020 and the IADR Colombian Division Hatton Competition took place with online research presentations. The IADR Caribbean Section participated in the congress of the Spanish Society of Periodontology (SEPA) held on September 12, 2020.

NORTH AMERICAN REGION

- ▲ American Division
- ▲ Canadian Division
- ▲ Mexican Division

The 2020 IADR/AADR/CADR General Session & Exhibition was canceled due to the COVID-19 pandemic but many generous members and sponsors donated their registration fees and sponsorships to assist in defraying the costs for the canceled General Session. Award competitions were carried out virtually and winners were announced via a video provided to the membership. IADR members are able to view over 20 hours of General Session content through IADR CE On Demand, including symposia, IADR Centennial plenaries and Distinguished Lecture Series speakers. IADR members can also view over 750 oral, ePoster and poster sessions in the IADR Abstract Archive.

PAN EUROPEAN REGION

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

The IADR Continental European Division (CED-IADR) Robert Frank Award was presented in August prior to an online General Assembly on September 25, 2020. The 2021 CED-IADR/NOF Oral Health Research Congress will be held in Brussels, Belgium, on September 16-18, 2021. IADR British Division held prize competitions from September 10-11, 2020 and presented 10 awards virtually. The competition showcased the latest dental, oral and craniofacial research from undergraduate students, postgraduate students, other early career researchers, academics and industry.

IADR CENTENNIAL EMERGING LEADERS AWARD WINNERS

The IADR Centennial Emerging Leaders Award was created to recognize young investigators who will lead the research field into the next century. Each of the five IADR Regions selected qualified nominees, within 10 years of completing their last terminal degree, who have demonstrated scientific accomplishment in the field of dental, oral and craniofacial research and have shown outstanding promise for continuing service and leadership within the IADR and the scientific community. These accomplished young investigators are poised to lead the IADR into the next century of groundbreaking research and discovery.

IADR Centennial Emerging Leaders Award Winners:

Africa/Middle East Region

Fawaz Alzoubi

Kuwait University, Kuwait City
(Kuwaiti Division)

Amira Besbes

Monastir University, Tunisian
(Tunisian Section)

Asia/Pacific Region

Waruna Lakmal Dissanayaka

The University of Hong Kong, SAR,
China (Southeast Asian Division)

Lina Niu

The Fourth Military Medical University,
Shaanxi, China (Chinese Division)

May Lei Mei

University of Otago, Dunedin,
New Zealand (Australian/New
Zealand Division)

Carolina Loch Santos da Silva

University of Otago, Dunedin,
New Zealand (Australian/New
Zealand Division)

Santosh Tadakamadla

Griffith University, Queensland, Australia
(Australian/New Zealand Division)

Latin American Region

Valentim Adelino Ricardo Barão

University of Campinas, Brazil
(Brazilian Division)

Sebastian Fontana

National University of Cordoba,
Argentina (Argentine Division)

Diana Gabriela Soares

University of São Paulo,
Brazil (Brazilian Division)

North American Region

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Oregon Health & Science University,
Portland, USA (American Division)

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Kimon Divaris

University of North Carolina at
Chapel Hill, USA (American Division)

Brian Foster

The Ohio State University,
Columbus (American Division)

Dmitry Shungin

Broad Institute of Harvard and MIT,
Boston, Mass., USA (American Division)

Tamanna Tiwari

University of Colorado, Denver,
USA (American Division)

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Vesna Miletic

University of Belgrade, Serbia
(Continental European Division)

Gustavo Giacomelli Nascimento

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(Scandinavian Division)

Falk Schwendicke

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Kazunori Ikebe (2023), (Japan)

ANNUAL SESSION

Walter Siqueira (2021) (Canada), Chair
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Kimon Divaris (2021), (USA)
Cui Huang (2022), (China)
David Bartlett (2022), (England)

AWARDS REVIEW

Bruno Cavalcanti (2021) (USA), Chair
Masaki Honda (2022), (Japan)
Saul Paiva (2022), (Brazil)
Katherine Leung (2022), (Hong Kong)
Maria Grazia Piancino (2022), (Italy)
Oyinkansola Sofola (2022), (Nigeria)
Vijay Prakash Mathur (2023), (India)
Ling Ye (2023), (China)
Cristina Vidal (2023), (USA)
Fabian Cieplik (2023), (Germany)

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Madhan Balasubramanian (2022), (India)
Hai Ming Wong (2023), (Hong Kong)
Satoru Yamada (2023), (Japan)
Alvaro Della Bona (2023), (Brazil)

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Ophir Klein (Cranio. Biology) (USA)
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Paulo Cesar (2023), (Brazil)

Akihiro Yoshihara (2023), (Japan)

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Jie-Fei Shen (2022), (China)

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Sarnat Family Foundation
Scanco Medical
Shofu, Inc.
Sunstar
Unilever Oral Care
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at Birmingham
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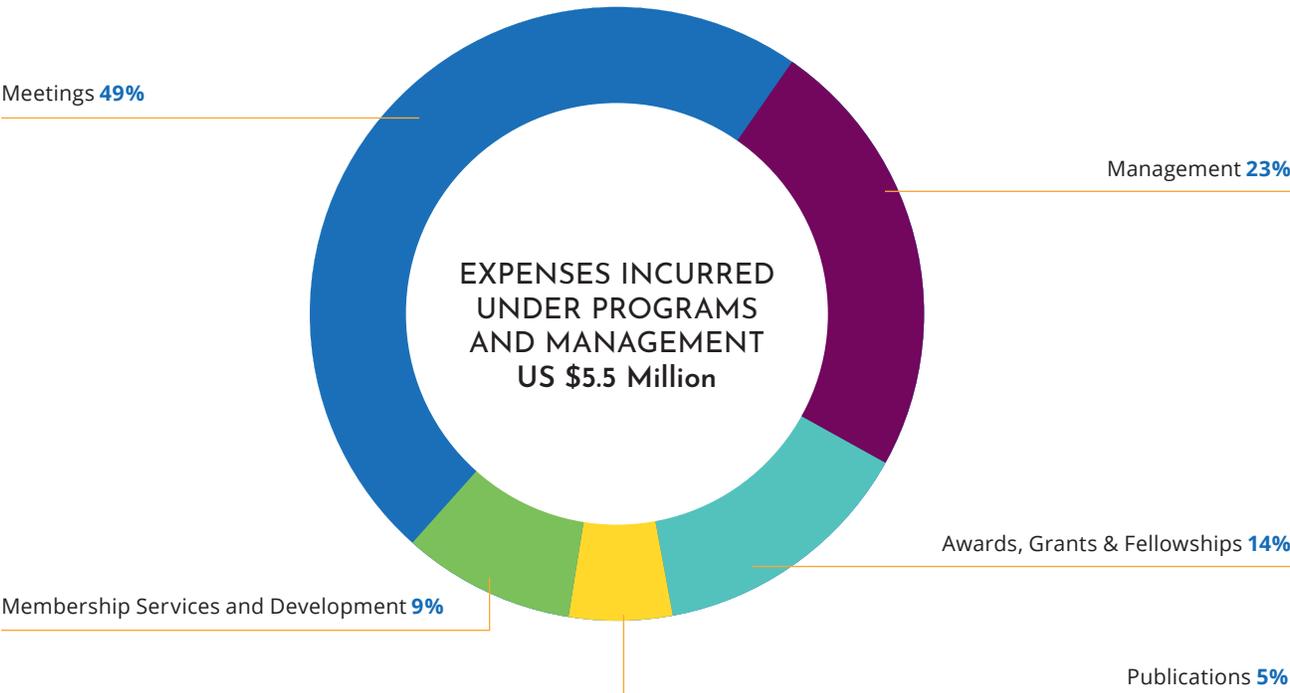
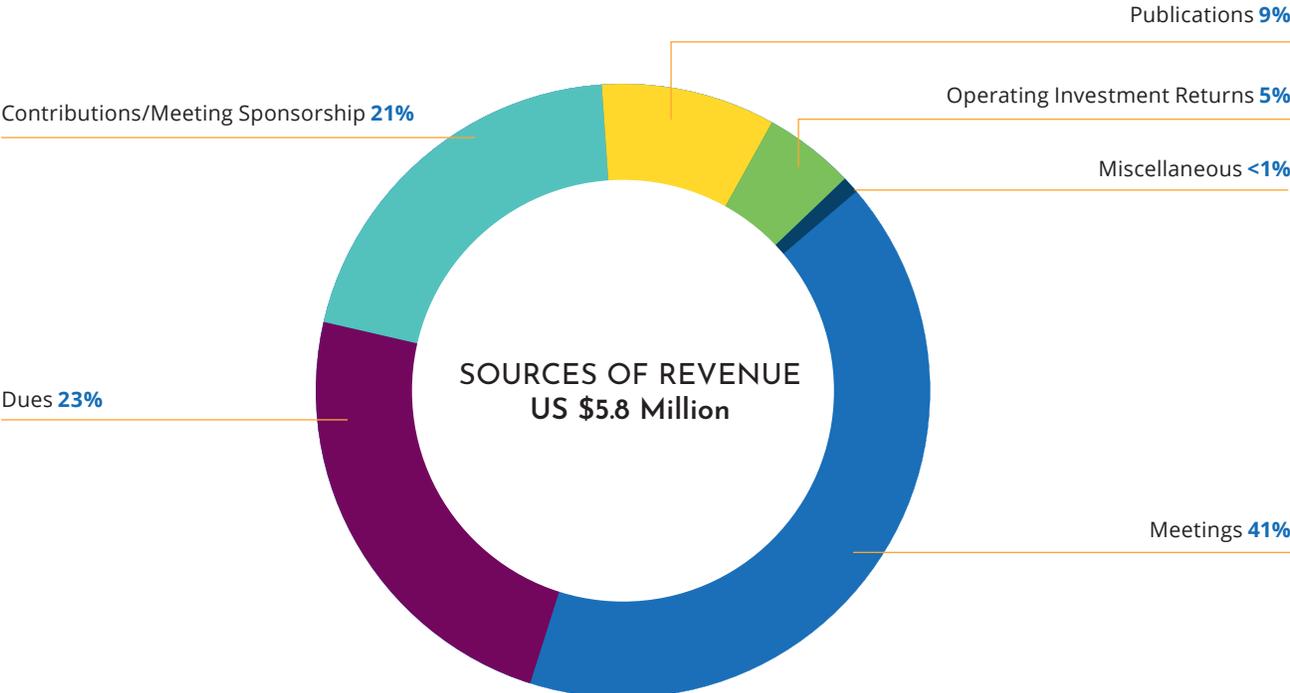
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2019 OPERATIONAL HIGHLIGHTS



STATEMENT OF FINANCIAL POSITION

December 31, 2019

(With Comparative Totals as of December 31, 2018)

	2019	2018
ASSETS		
Current Assets		
Cash and Cash Equivalents	\$1,439,228	\$104,612
Accounts Receivable	129,106	90,509
Contributions Receivable	551,205	352,638
Due from AADR	-	207,710
Prepaid Expenses and Other Current Assets	440,202	265,150
Total Current Assets	2,559,741	1,020,619
Investments	15,008,042	12,746,452
Deposits	-	40,376
Fixed Assets, Net	463,746	442,653
Investment In Deferred Compensation	273,518	207,665
Total Assets	\$18,305,047	\$14,457,765
LIABILITIES AND NET ASSETS		
Current Liabilities		
Accounts Payable and Accrued Expenses	\$158,816	\$92,661
Due to AADR	86,909	-
Refunds and Pass-Through Amounts	525,011	295,576
Refundable Advances	145,000	-
Deferred Revenue:		
Dues	600,817	385,690
General Session	847,260	60,650
Total Deferred Revenue	1,448,077	446,340
Total Current Liabilities	2,363,813	834,577
Deferred Compensation Payable	273,518	207,665
Total Liabilities	2,637,331	1,042,242
Net Assets		
Without Donor Restrictions		
Undesignated	14,290,510	12,291,606
Board Designated	355,870	306,725
Total Without Donor Restrictions	14,646,380	12,598,331
With Donor Restrictions		
Purpose Restricted	809,163	615,934
Endowment Funds	212,173	201,258
Total With Donor Restrictions	1,021,336	817,192
Total Net Assets	15,667,716	13,415,523
Total Liabilities and Net Assets	\$18,305,047	\$14,457,765



STATEMENT OF ACTIVITIES

For the Year Ended December 31, 2019

(With Comparative Totals for the Year Ended December 31, 2018)

	Without Donor Restrictions	With Donor Restrictions	2019 Total	2018 Total
REVENUES				
Conference Registration	\$ 2,219,614	\$ -	\$ 2,219,614	\$ 2,026,703
Membership Dues	1,361,572	-	1,361,572	1,496,438
Exhibitors' Fees	160,088	-	160,088	183,311
Advertising	16,406	-	16,406	28,163
Symposia	25,100	-	25,100	24,356
Contributions and Sponsorships	500	1,187,542	1,188,042	1,130,255
Royalties and Publishing	503,752	-	503,752	484,947
Investment Return Designated for Current Operations	274,689	-	274,689	256,925
Miscellaneous	49,461	-	49,461	22,731
Net Assets Released from Restrictions	1,016,898	(1,016,898)	-	-
Total Revenues	5,628,080	170,644	5,798,724	5,653,829
EXPENSES				
Program Expenses				
<i>Journal of Dental Research</i> and Publishing	302,664	-	302,664	256,070
General Session and Meetings	2,695,200	-	2,695,200	2,870,919
Awards, Grants and Fellowships	763,291	-	763,291	708,773
Member Services and Other Programs	295,001	-	295,001	218,297
Total Program Expenses	4,056,156	-	4,056,156	4,054,059
Supporting Services				
Management and General Expenses	1,261,884	-	1,261,884	1,047,942
Membership Development	224,074	-	224,074	266,970
Total Supporting Services	1,485,958	-	1,485,958	1,314,912
Total Expenses	5,542,114	-	5,542,114	5,368,971
Change in Net Assets before Investment Income	85,966	170,644	256,610	284,858
Investment (Loss) Gain in Excess of Amounts Designated for Current Operations	1,962,083	33,500	1,995,583	(1,434,517)
Change in Net Assets	2,048,049	204,144	2,252,193	(1,149,659)
Net Assets, Beginning of Year	12,598,331	817,192	13,415,523	14,565,182
Net Assets, End of Year	\$14,646,380	\$1,021,336	\$15,667,716	\$13,415,523

FUTURE MEETINGS

IADR/AADR/CADR General Session & Exhibition Will Be a Combined Hybrid Meeting: July 21-24, 2021

The 99th General Session of the IADR, in conjunction with the 50th Meeting of the AADR and the 45th Meeting of the CADR, will be held in Boston, Mass., USA from July 21-24, 2021. The 2021 IADR/AADR/CADR General Session & Exhibition will be a hybrid meeting, offering both a virtual and in-person meeting experience. Attendees can present their cutting-edge research and view top-notch scientific programming, including poster presentations, oral presentations, symposia and Distinguished Lecture Series plenary sessions online or onsite.



2021

99th General Session of the IADR
50th Meeting of the AADR
45th Meeting of the CADR
Boston, Mass., USA • July 21-24, 2021

2022

100th General Session & Exhibition of the IADR
5th Meeting of the IADR Asia Pacific Region
Chengdu, China • June 22-25, 2022

2023

101st General Session & Exhibition of the IADR
XII Meeting of the Latin American Region
Bogotá, Colombia • June 21-24, 2023

2024

102nd General Session & Exhibition of the IADR
53rd Meeting of the AADR
48th Meeting of the CADR
New Orleans, La., USA • March 13-16, 2024

2025

103rd General Session of the IADR
IADR Pan European Regional Congress
Barcelona, Spain • June 25-28, 2025

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