



IADR Periodontal Research Group Annual Business Meeting Minutes 2018-2019
Vancouver Convention Centre, 1055
Canada Pl, Vancouver, BC V6C 0C3
June 20, 2019, 5-6pm.

Attendance: over 200 members

1. Welcome and Opening Remarks (Hatice Hasturk, The Forsyth Institute)

The President, Dr. Hatice Hasturk, welcomed the members and thanked the PRG Officers for all the work done during the last 12 months.

2. President's Report (Hatice Hasturk)

Dr. Hasturk presented a photograph taken at the annual breakfast meeting of the PRG in the morning of June 20, 2019 depicting the extended board members of the PRG. She extended her gratitude for being a member of this distinguished and outstanding member and the leaders of the PRG. "It has been a pleasure and honor for to be part of this outstanding scientific group of the IADR and to serve for an outstanding membership".



Dr. Hasturk made a surprising announcement by celebrating the 50th Anniversary of the PRG and thanked to all the founders of the PRG and for those who have served as officers, reviewers, and members for

told the members for 50 years. She then gave the brief but remarkable history of the PRG as the third scientific group of the IADR:

- Established in 1969 as the third scientific group of the IADR
- Beyond its support of the overall IADR objectives, the Periodontal Research Group (PRG) further aims:
 - to advance the study and knowledge of periodontology
 - to facilitate the presentation, discussion and publication of scientific papers

- on periodontal research
- to provide a forum and organization for all scientists who are related to and share interest in periodontal research
- to recognize excellence in both young and established periodontal scientists through the presentation of competitive awards for research.

She then summarized the key accomplishments of the PRG in 2018-2019 “IADR 2018 was another success for the PRG” As seen here:

- Total of 259 oral and poster presentation were delivered.
- Total of 16 symposia and 13 Lunch and Learnings were presented.
- The PRG member and Past president Prof. Iain Chapple received the 2018 IADR Distinguished Scientist Research in Periodontal Disease Award sponsored by Colgate Palmolive.
- Prof. Panos Papapanou and Prof. Yamazaki delivered keynote addresses as the recipient of 2017 and 2016 IADR Distinguished Scientist Research in Periodontal Disease Award, respectively.
- As the International Academy of Periodontology, the PRG members organized and successfully delivered an IAP Research Conference (IAPRC) in Giessen, Germany focusing on Host Modulation and Regeneration in Periodontal Disease.

She announced the Keynote Address presentation by Prof. Iain Chapple, University of Birmingham, UK as the recipient of the 2018 IADR Distinguished Scientist Award-Research in Periodontal Disease Award, which took place on June 19th 3:15 pm–3:45 pm and titled “Too Much Oxygen Can Kill You—Back to Basics”. She congratulated Prof. Chapple for his achievements.

Dr. Hasturk later presented the event highlights PRG members attended including the 2018 IADR general sessions, London, International Academy of Periodontology (IAP) meeting in Bangkok, Thailand and IAP Research conference held in Giessen Germany. She congratulated the organizers and participants of these meetings as PRG members.

Dr. Hasturk presented “In Memoriam” for Dr. Robert J. Genco (1938-2019) and Steven Offenbacher (1950-2018) and the manuscripts recently published in memoriam. A discovery paper was also published in 2019 in recognition of Dr. Ricardo Teles’ contributions to Periodontology. She then announced the Symposium which took place on June 21; 2:00 pm–4:00 pm titled “Pathogenesis and Treatment of Periodontitis: Honoring the Legacy of Ricardo Teles”.

Dr. Hasturk presented and recognized all current PRG officers.

The Office Bearers for 2018/2019 were:

President:	Hatice Hasturk, Coston, USA
President Elect:	Nagihan Bostanci, Stockholm, Sweden
Vice President:	David Herrera, Madrid, Spain
Vice-President-Elect:	Shogo Takashiba, Japan
Treasurer:	Alpdogan Kantarci, Boston, USA

Councilor (IADR)	Andreas Stavropoulos, Malmö, Sweden
Councilor (AADR)	Alpdogan Kantarci, Boston, USA
Group Program Chair:	Philip Preshaw, Newcastle, UK
Immediate Past President:	Magda Feres, Sao Paulo, Brazil
Corporate Liaison:	Jack Spitznagel, Baltimore, USA

The Office Bearers for 2019/2020 will be:

President:	Nagihan Bostanci, Stockholm, Sweden
President Elect:	David Herrera, Madrid, Spain
Vice President:	Shogo Takashiba, Japan
Vice-President Elect:	TBD
Secretary/Treasurer:	Alpdogan Kantarci, Boston, USA
Councilor (IADR)	Andreas Stavropoulos, Malmö, Sweden
Councilor (AADR)	Alpdogan Kantarci, Boston, USA
Group Program Chair:	Philip Preshaw, Newcastle, UK
Immediate Past President:	Hatice Hasturk, Boston, USA
Corporate Liaison:	Jack Spitznagel, Baltimore, USA

She introduced the upcoming presidents in 2019-2020 as Prof. Bostanci, 2020-2021 as Dr. Herrera, and Prof. Takashiba, 2021-2022, representing Europe and Asia/Pacific in rotations.

Dr. Hasturk also announced newly elected officers by the PRG board for the following open positions:

- AADR Councilor (2020-2023)—Evie Lalla (USA)
- Industry Liaison (2020-2023) —Anton Sculean (Switzerland)

Dr. Hasturk then announced the PRG officer open positions for election for 2020.

- Vice-President (2020-2021)
- IADR Councilor (2020-2023)
- Secretary/Treasurer (2020-2023)

Nominations were announced and received by the IADR Headquarter in May 2019 submitted to the Research group directly or to the IADR headquarters. The group will be contacted about candidates to confirm their member status. Candidates should be a member of the PRG. The 2019 Group/Network Election will be held in conjunction with the IADR election beginning in the fall (around October 2019). Successful candidates will be notified at the end of December 2019 and will begin their term of service at the conclusion of the 2020 IADR/AADR/CADR General Session in Washington DC, USA.

Dr. Hasturk once again highlighted the importance of keeping the rotational presidency system implemented successfully in the previous years and encouraged member to self-nominate or nominate members from Latin America region.

Dr. Hasturk presented the PRG board nominations for these open positions:

- Vice-President (2020-2021)
 - Giuseppe Romito, Brazil
 - Loreto Abusleme, Chile
- IADR Councilor (2020-2023)
 - Andreas Stavropoulos
- Secretary/Treasurer (2020-2023)
 - Magda Feres

Following these announcements, announced the publishing of the Second edition of the PRG Newsletter and mentioned that this will be an annual publication summarizing the PRG activities and communicate with PRG members. Newsletter will be distributed in print, electronically through membership list by the IADR and will also be posted in the PRG website (**Figure 1**).



Figure 1. Second Edition of PRG Newsletter

Dr. Hasturk presented the reviewer certificate to Prof. Flavia Teles in recognition of her long-term and outstanding service as the abstract reviewer of the Periodontal Research Pathogenesis section. She also announced the newly elected reviewer as Dr. Niki Moutsopoulos replacing Dr. Teles in her role. Dr. Moutsopoulos will serve as abstract reviewer of the Pathogenesis section during 2019-2022.

Later, Dr. Hasturk listed all PRG awards/Fellowships that were given in 2018-2019 (**Table 1**).

Table 1. List of PRG Awards/Fellowships in 2019

Award Title	Sponsor	Contact
IADR Karring-Nyman SUNSTAR Guidor Award	SUNSTAR	Andreas Stavropoulos andreas.stavropoulos@mah.se
IADR Periodontal Research Group Past Presidents' Travel Award	Colgate Palmolive	Panos N. Papapanou pp192@cumc.columbia.edu
IADR/Philips Oral Healthcare Young Investigator Research Grant	Philips	Iain L. C. Chapple I.L.C.Chapple@bham.ac.uk
IADR Sigmund Socransky Young Investigator Award	IADR/PRG	Panos N. Papapanou pp192@cumc.columbia.edu
IADR/PRG Award in Regenerative Periodontal Medicine	REGEDENT	Anton Sculean anton.sculean@zmk.unibe.ch
IADR/PRG Award in Innovative Approaches to Prevention and Non-Surgical Treatment of Periodontal and Peri-Implant Disease	EMS	Axel Spahr axel.spahr@sydney.edu.au
IADR/IAP Ricardo Teles Clinical Research Award in Periodontology	BioGaia	Magda Feres; Alp Kantarci mferes@ung.br ; akantarci@forsyth.org
AADR Anne D. Haffajee Fellowship	AADR and generous donations from individuals and corporate partners	Flavia Teles fteles@upenn.edu

She concluded her report by announcing the recipients of the two IADR managed awards:

- IADR Distinguished Scientist Award, - Basic Research in Periodontal Disease Award Sponsored by Colgate awarded to **Andrea Mombelli, Switzerland**
- AADR Anne D. Haffajee Fellowship Sponsored by the AADR and generous donations from individuals and companies which created the endowment awarded to **Julie Marchesan, USA.**

Dr. Mombelli will present a keynote address at the 2020 IADR/AADR General Sessions in DC which will be held in March 18-21, 2020. She congratulated the award recipients on behalf of the PRG.

3. Vice-President Report (David Herrera)

The Vice-President (Prof. Herrera) presented the following summary report:

- **PRG membership data (Table 2)**

The total member number showed a slight decrease about 11% since last year and mostly was from the full members (14%) with a small decrease in the student member category (8%). This could be due to the costs of Vancouver as the city. Prof. Herrera highlighted that PRG and I general IADR expecting increases in the member numbers for the 2020 Centennial IADR meeting in DC. “Engaging student research and young scientists is an important goal for both of the scientific groups. Thus, we thank you all for your continued support.”

Table 1. PRG membership data*

	2012 Iguazu Falls	2013 Seattle	2014 Cape Town	2015 Boston	2016 Seoul	2017 San Francisco	2018 London	2019* Vancouver
Life Members**	13	11	9	5	3	3	65	66
Full Members	525	446	449	739	827	754	756	652
Student Members	551	356	331	431	526	396	454	419
Total	1089	813	789	1175	1356	1153	1275	1137

*Data as of June 14, 2019, **Includes retired, life and complimentary members

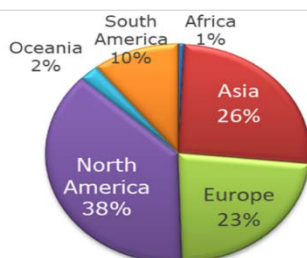


Figure 1. Percentage of Members Distributed by Continent. Total number of members 2017: 1137 (decrease of 138 members from 2018 to 2019). The distribution among continents: 1% Increase in North America, South America, and Europe. Increase, in opposed to 3% decrease in members from Asia. Oceania and Africa remained stable.

- **Educational events organized by the PRG**

This year, another successful Lunch and Learning was organized. In total, 13 Lunch of Learning sessions were organized by the PRG.

Thursday, June 20, 2019 - CC West Ballroom D

- Table #07: “Oral microbiome in complications of latent HIV: Is it the chicken or the egg?” Bruce Paster, The Forsyth Institute, Cambridge, USA
- Table #08: “Peri-Implantitis and treatment options: could the laser enhance the clinical endpoints?” Jamil Shibli, Guarulhos University, Brazil
- Table #09: “Periodontal Regeneration: From the Lab to Clinical Application” Anton Sculean, University of Bern, Switzerland
- Table #13: “RNA-sequencing Technology Driven Discoveries in Periodontics” Fatemeh Momen-Heravi, Columbia University, New York, USA
- Table #17: “The new classification of periodontal diseases: rationale & implementation” Iain Chapple, The University of Birmingham, UK
- Table #19: “Tips and Tools in Systematic Reviews” Elena Figuero, University Complutense Madrid, Spain
- Table #20: “Design, variable selection and interpretation of data in periodontal clinical trials” Andrea Mombelli, University of Geneva, Switzerland
- Table #25: “Long-term studies in periodontology: are they feasible?” Christof Dorfer, Christian-Albrechts-University Kiel, Germany
- Table #26: “Multidisciplinary observational study designs: Examples from chronic kidney disease” Effie Ioannidou, University of Connecticut, Connecticut, USA
- Table #27: “New insights on the individual and combined impacts of smoking and diabetes on periodontal tissues” Poliana Mendes Duarte, University of Florida, Gainesville, USA/ Guarulhos University – Brazil
- Table #28: “Novel Research insights into the etiology and management of peri-implantitis” Georgios Kotsakis, University of Washington, Seattle, USA
- Table #30: “Oral Hygiene Products Evaluation: Critical Aspects” Fridus van der Weijden, University of Amsterdam, Netherland
- Table #31: “Prognostic factors and treatment options in periodontitis: furcation lesions” Luigi Nibali, Queen Mary University of London, UK

- Table #36: “Understanding the Role of Proteoglycans/Glycosaminoglycans in Mineralized Tissue Homeostasis” Patricia Miguez, University of North Carolina, USA

On behalf of the PRG, Prof. Herrera gratefully acknowledged the contribution of all presenters and the table participants.

4. Group Program Chair Report (Philip Preshaw)

The Overall Group Program Chair, Prof. Philip Preshaw, presented the following summary report:

- This year, 15 symposia were sponsored or co-sponsored by the PRG. As shown in **Figure 3A, B**.

A

<p>18 June, 9 a.m – 11 a.m. Satellite Symposium 5 - Increase Your Proficiency In Carrying Out Effective Peer-reviews CC, Room 212 Organizer: Jocelyne Feine, Effie Ioannidou</p> <p>19 June; 8:30 a.m.–10 a.m. Symposium 12 - Novel Nicotine Products and Oral Health: The Emerging Evidence Base-- CC, Room 201 Organizer: Richard Holliday, Philip Preshaw</p> <p>19 June; 10:15 a.m.–11:45 a.m. Symposium 30 - Harassment in Science: Steps to No-tolerance-CC, Room 210 Organizer: Effie Ioannidou, Ariadne Letra, Luciana Shaddox</p> <p>June 19, 10:15 a.m.-11:45 a.m. Symposium 33 - NIDCR DOCTR Program: Interdisciplinary Translational Project Advancements- CC, Room 109 Organizer: William Giannobile, David Kohn</p> <p>19 June; 10:15 a.m.–11:45 a.m. Symposium 34 - Revisiting Clinical Trials in the Era of Precision Dentistry; CC, Room 121 Organizer: Andrea Mombelli</p> <p>19 June; 1:30 p.m.–3 p.m. Symposium 51 - Periodontal and Systemic Associations: Shall We Include Mastication in the Loop?; CC, Room 218 Organizer: Philippe Bouchard, Iain Chapple, Helene Range</p> <p>19 June; 3:15 p.m.–4:45 p.m. Symposium 72 - Localized Aggressive Periodontitis: Why is This a Different Entity?; CC, Room 222 Organizer: Luciana Shaddox, Luigi Nibali</p>
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B

20 June; 8 a.m.–9:30 a.m. Hands-on Workshop 89 - Tenure x Non-Tenure: Which Career Track is Right for You? CC, Room 201 Organizer: Ariadne Letra, Tamanna Tiwari, Luciana Shaddox, Effie Ioannidou, Flavia Teles, Patricia Miguez
20 June; 2 p.m.–3:30 p.m. Symposium 150 - The New Classification of Periodontal Diseases: Research Implications; CC, Room 110 Organizer: Panos Papapanou
21 June; 8 a.m.–9:30 a.m. Symposium 203 - New Horizons in Periodontics – Personalized Scaffolds and Stem Cell Therapies; CC, Room 301 Organizer: Luiz Bertassoni, Marco Bottino
21 June; 8 a.m.–9:30 a.m. Symposium 204 - New Insights into an Old Periodontal Pathogen: Treponema Denticola; CC, Room 222 Organizer: Hui Wu
21 June; 11 a.m.–12:15 p.m. Industry-sponsored Symposium: Reducing the Burden of Periodontal Disease (Sponsored by P&G Professional Oral Health, Crest Oral-B); CC, Room 301 Organizer: P&G
21 June; 2 p.m.–4 p.m. Symposium 281 - Pathogenesis and Treatment of Periodontitis: Honoring the Legacy of Ricardo Teles; CC, Room 120 Organizer: Magda Feres, Alpdogan Kantarci, Hatice Hasturk
22 June; 8 a.m.–9:30 a.m. Symposium 319 - Biological and Clinical Implications of Oral Biofilms; CC, Room 302 Organizer: David Herrera, Georgios Belibasakis
22 June; 8 a.m.–9:30 a.m. Symposium 321 - Metabolic Syndrome, Diabetes and Periodontal Disease; CC, Room 210

Figure 3. A and B. List of Symposia organized and Sponsored or co-sponsored by the PRG.
The multi-disciplinary topics and collaboration between Scientific Groups/Networks was the highlight of this meeting.

Prof Preshaw also announced and recognized the officers served as Group Program Chairs and abstract reviewers in 2018 – 2019:

Group Program Chairs:

Philip Preshaw	Overall
Thomas Dietrich	Diagnosis/Epidemiology
George Belibasakis	Pathogenesis
Hatice Hasturk	Therapy

Abstract Reviewers:

Nagihan Bostanci	Diagnosis/Epidemiology
Moritz Kepschull	Diagnosis/Epidemiology
Purnima Kumar	Diagnosis/Epidemiology
Cristiano Susin	Diagnosis/Epidemiology
Silvana Barros	Pathogenesis
Gustava Garlet	Pathogenesis
Bruno Loos	Pathogenesis

Niki Moutsopoulos	Pathogenesis (New)
Danae Apatzidou	Therapy (New)
Francesco D'Aiuto	Therapy (New)
Ivan Darby	Therapy (New)
Luigi Nibali	Therapy (New)

Prof. Preshaw announced that Dr. Thomas Dietrich will be stepping down since his term as the Program Chair of the Diagnosis/Epidemiology. The board nominated and elected Prof. Bostanci replacing his position. Prof. Bostanci will serve as the Group Program Chair for Diagnosis/Epidemiology 2019-2022. Dr. Preshaw congratulated Dr. Dietrich for his long and outstanding serve in his role.

Details of abstract numbers regarding the 2017 Annual Meeting are shown in **Table 2:**

Table 2. Abstracts submitted, rejected and accepted per presentation category

	Submitted	Rejected	Withdrawn	Accepted	Oral	Poster
Diagnosis/ Epidemiology	76	0	0	76	18	58
Pathogenesis	119	0	0	119	22	97
Therapy	112	0	0	112	24	88
TOTALS	307	0	0	307	64	243
<i>2018 (London)</i>	<i>268</i>	<i>9 (3.4%)</i>	<i>0</i>	<i>259</i>	<i>62</i>	<i>197</i>
<i>2017 (San Francisco)</i>	<i>379</i>	<i>2 (0.5%)</i>	<i>4</i>	<i>373</i>	<i>78</i>	<i>295</i>

Dr. Preshaw concluded his report by stressing on the fact that abstract reviewing is a particularly important task of the PRG, yet it could be time consuming and demanding. He thanked all the reviewers who voluntarily and willingly continue to serve in this role.

5. Secretary/Treasurer's Report (Alp Kantarci)

The Secretary/Treasurer of the PRG, Prof. Kantarci, delivered a summary of the financial situation for the PRG. Annual dues are remained at the level of \$25.00 per member and is being collected as part of the IADR/AADR registration as the main membership. If an IADR member chooses to be PRG member in addition to their main membership Group/Network, an additional fee is charged during registration. There is no limit to become member of any of the scientific group/Network especially in this multi-disciplinary nature of scientific activities, members may benefit from being a member of more than 1 group/network. He also reminded to the members that per the new tax rules, the IADR is now handling the accounts of the scientific groups/networks.

As of last annual report (12/31/17) the balance in the account was \$49,315.19. The

current balance as of 12/31/17 is \$56,481.86. The breakdown of the Income and expenditures are seen in **Figure 4**.

Fund balance as of last annual report (12/31/17)	\$49,315.19
Income	
Dues	\$14,637.50
Contributions and Grants	\$30,000.00
Complimentary Membership	\$740.00
Total Income	\$46,061.70
Expenditures	
Grants	\$30,000.00
Reception (catering, reception venue, etc)	\$7,091.41
Plaques	\$303.78
Business Meeting	\$160.88
Newsletter	\$1,338.96
Total Expenditures	\$38,895.03
Net Change	\$7,166.77
Current fund balance as of 12/31/18	\$56,481.86

Figure 4. 2017 Financial Report of the PRG.

- 6. Councilor’s report** (Alpdogan Kantarci-AADR and Andreas Stavropoulos-IADR)
 Profs. Andreas Stavropoulos and Alpdogan Kantarci offered a brief report of issues discussed at the IADR and AADR Council meetings held on Tuesday June 18, 2019 and Wednesday June 19, 2019 respectively. The topics discussed and approved by the Councils are presented below:

AADR Council Meeting 2019 (June 19, 2019)

- Council approved the **2019-2020 AADR Committee Appointments**.
- Bylaws Changes:
 - Council Membership of both Editors (JDR-JDR-CTR)
- PRG members appointed to new positions:
 - o Mark Herzberg (AADR-VP elect)
 - o Chun-The Lee (Diversity and Inclusion-2021)
 - o David Kim (Ethics Dental Research -2019)
 - o Francesco D’Aiuto (IADR/AADR William Gies Award-2019)
 - o Georgios Belibasakis (IADR/AADR Publications-2021)
 - o Flavia Teles (IADR/AADR Publications-2022)
 - o Flavia Teles (AADR Hatton Award Chair-2020)
 - o Anna Dongari-Bagtzoglou (AADR Hatton Award-2022)
 - o Purnima Kumar (Fellowship Chair-2020)
- Council approved the **AADR Budget for 2019**, the **2019 Independent Auditors’ Report**, the nominees to stand for election as **AADR Vice-president 2020-2021**, as **AADR Treasurer 2019-2022**, and as **AADR Publications Committee Member-at-Large 2019-2022**.

- ☑ AADR Name Change Proposal
 - AADR
 - AADOCS (American Association of Dental, Oral and Craniofacial Sciences)
 - AADOCR (American Association of Dental, Oral and Craniofacial Research)
 - AADCR (American Association of Dental and Craniofacial Research)
- ☑ Rationale
 - Decreasing AADR Membership
 - Lack of Membership by the non-dental school NICDR-funded researchers to become members
 - New Branding and Promotion of the AADR/IADR for the Centennial Celebration
- ☑ Surveys
 - Initial (March 4): 8% reached (245 members), 1.5% responded (30 members)
 - Follow-up: (April 23)
- ☑ Discussion
 - NIDCR funding vs AADR membership
 - AADR vs IADR name
 - Cost of the meetings
 - ADEA/AADR split
 - Inclusiveness (Oral and Craniofacial)
 - Patient Advocacy
- ☑ Results
 - Mission Statement Change Approved (“Drive Dental, Oral, and Craniofacial Research to Advance Health and Well-Being”)
 - Vision Statement Change Approved (“Oral Health Through Discovery and Dissemination”)
 - Name Change Deferred

IADR Council Meeting 2019 (June 18, 2019)

Report from the various Regions/Divisions

- PER
 - British Society for Oral and Dental Research (BSODR) appointed a Councilor (Industry)
Steve Mason / GSK
- NOF
 - Supplement of EJOS: Homage to 100 years of dental research in Scandinavia

Report from the CEO

- Finance
 - ❖ 2017 audit received an "unqualified opinion"
 - 2017: 16.1 M – 13.9 M in reserves (up 15%)
 - increase 9M in 9y
 - operating expenses 5.8 M
- External Relations
 - ❖ WHO
 - IADR status as in "official relations" renewed for 3y
 - ❖ NCD Alliance
 - IADR accepted as full member of the NCD Alliance
 - Oral diseases **were not** acknowledged as NCD in the recent UN political declaration from the Third High Level Meeting on NCDs

Council approved

- 2019-2020 IADR Committee Appointments
- Bylaws change
 - ❖ Honorary Membership Committee from 3 to 5 members
 - ❖ the JDR Clinical & Translational Research Editor-in-Chief to the IADR Board of Directors
- IADR Budgets for 2019
- Joint IADR/AADR Budgets for 2019

IADR Budget 2019

	2019	2020	2021
○ Membership dues			
❖ High	180	185	190
❖ Middle	108	111	114
❖ Low	63	64	66
❖ Student	54	55	57
○ Meeting registration			
❖ Member	580	590	600
❖ Non-M	960	975	990
❖ Student Member	290	295	300
❖ Student Non-M	480	485	495

Council approved

- Candidates for IADR **Vice-president 2020-2021**

- ❖ Finbarr Allen (National University of Singapore, Singapore)
- ❖ Sibel A. Antonson (Nova Southeastern University, USA)
- ❖ Brian O'Connell (Trinity College, Ireland)

Council approved

- **IADR Mission Statement**
 - Drive dental, oral and craniofacial research for health and well-being worldwide.
- **IADR Vision Statement**
 - Oral health for the world through discovery and dissemination.
- **IADR Values Statement**
 - **IADR Core Values**
Excellence * Responsibility * Community

IADR Values Statement

- **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.

7. Journal of Dental Research Editor Report (William Giannobile)

Prof. Giannobile gave an activity and status report for the JDR for the year 2018-2019.

He announced the key accomplishments for 2018-2019

- Two-year SIF all-time high of 5.38, ranking #2/91 journals in Dentistry. Maintained #1 ranking for Eigenfactor™ with 19,305 total cites. 5-year impact factor = 5.72.
- Continued improvement of quality, quantity and external dental reach of JDR submissions. Continued one of lowest self-citation rates in dentistry of only 5.8%.
- Publication of Special JDR issue, *2 Advances in Dental Research e-supplements*.

- Time from submission to first decision mean 13.0 days, range 1-51 days, depending on external reviews (**Figure 5**)
- Continued strong JDR profitability in midst of high competing publication space while maintaining access and reach of Journal broadly
- 9,764 total circulation in 2018; 11,450 total circulation in 2019 YTD
- 35,182 Email Alert registrants in 2018 for JDR via SAGE.

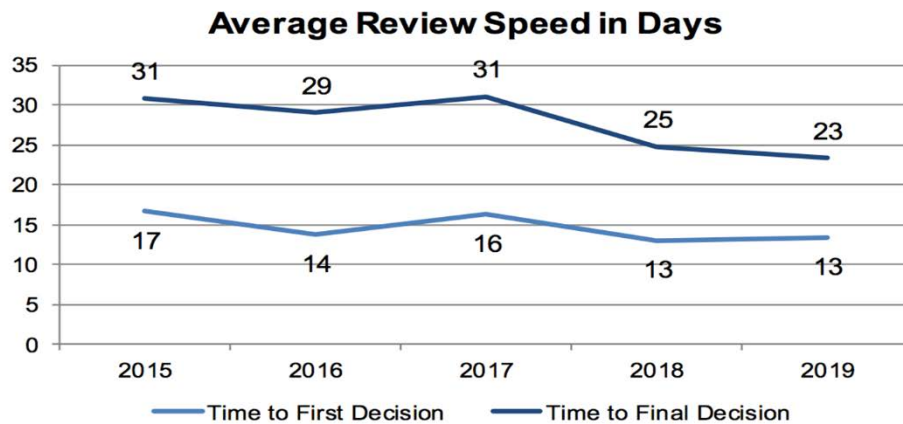
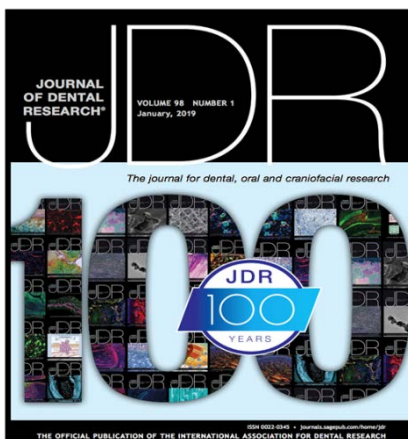


Figure 5. Time to First Decision and Final Decision

Key JDR accomplishments: Continued Collaborations with JDR-CTR



- JDR Editorial team providing strong ongoing support of JDR-Clinical and Translational Research in collaboration with Editor-in-Chief Jocelyne Feine
- To date, JDR Editors have directly transferred over 550 manuscripts to JDR-CTR with more than 150 authors agreeing to transfer



He also announced the **Centennial Launch 2019.**

- Centennial Articles authored by influential scientists covering the past century
- Historical Highlights series celebrating notable JDR papers from the past 100 years
- Monthly News releases and podcasts with leaders on Centennial articles (**Figure 6**)

The Journal of Dental Research: A Century of Shaping the Dental, Oral, and Craniofacial Sciences

W.V. Giannobile¹, C. Dawes², I. Feine³, M.C. Herzberg⁴, and A.J. Smith⁵

Keywords: dental research, publication, dentistry, dental history

The *Journal of Dental Research* (JDR) celebrates 100 years in a century of progress on the publication of discovery and innovation in the dental, oral, and craniofacial sciences. The editors in chief of JDR and JDR Clinical & Translational Research and the editors emeriti are all enthusiastic about the commemoration of this century and are optimistic about the future of dental, oral, and craniofacial research (Table). In the opening article of the first volume of the JDR in 1919, William J. Cox (Fig. 6), our founding editor stated:

Research in its highest expression is open-minded inquiry for truth, to be found and revealed outside-voidly for the information, instruction, advantage, and welfare for all. It is one of the finest manifestations of the spirit of democracy. JDR, as its name implies, is a research journal. It will neither be a supply-house directory, nor an advertising circular. It will endeavor to equal in quality the best of the research journals in the medical and biological sciences. It will aim, as do these journals, not only to publish the results of research, but also to stimulate and encourage the spirit of research, and it will seek to promote development in the character, and in the depth and scope, of original investigations in anatomy and dentistry, and in the applications to them of all related arts and sciences.

Dentistry had struggled at the time, much like most of the medical and scientific communities in the dissemination of evidence-based research. The *Chicago Medical Journal* in 1879 noted that 27% of the 509 medical journals founded in the United States had failed during the previous 100-year period. About medical publications, the editors stated, "Many are absolutely worthless" while others are "undeniably worse than worthless" (Conzor 1884, Hatchinson 1939). The publication environment became very challenging since most medical journals were neither scholarly nor evidence based. Professor Feine was well aware of the lack of a good publishing environment. It was his strong scientific conviction that emboldened him to assert that dentistry needed to have its own scholarly research journal.

JDR has been true to its mission from the beginning, steering itself on an upward trajectory that enables the profession of dentistry to increase its foundation in science. Over the years, JDR has disseminated the newest information and the basis in



JDR Centennial Historical Highlights Series: Stepping Back in Time

N.S. Jakubovics¹ and W.V. Giannobile²

Keywords: adhesives, oral-systemic diseases, restorative dentistry, systemic health/diseases

Scientific progress is never a straight path, following from one discovery to the next. Instead, hypotheses are gradually developed and refined as new concepts and methodologies become available. Often, the fundamental hypothesis is eventually rejected, and alternative ideas are proposed in its place. Over its 100-year history, the *Journal of Dental Research* (JDR) has documented the complex and convoluted path of scientific progress in the field of dentistry. Many of the landmark papers published in the JDR have ultimately been superseded by newer studies employing more advanced technologies and approaches. Yet, these initial studies and the scientific debate surrounding them have been an essential part of the process of scientific discourse and progress, and the field would not have advanced without these trailblazing insights from these curious researchers.

One example of a topic that has come in and out of focus over the years is the oral focal infection theory. This is the idea that teeth and oropharyngeal soft tissues provide a focus of infection for the dissemination of microorganisms or toxins to distant sites. It was Willoughby D. Miller who alerted the English-speaking world to the concept in 2 publications in 1888 and 1891. By 1919, when the first issue of the JDR was released, a "focal infection hysteria" was brewing in dental research circles (Christen and Christen 2007). Two articles in the first volume of the JDR argued strongly in favor of the focal infection theory and presented experiments and observations as supporting evidence (Cotton 1919; Roseman 1919).

These and other papers contributed to increasing concerns among the dental community. In the preantibiotic era of the 1920s, many dentists would prefer to extract teeth rather than attempt endodontic treatment, which could risk leaving a potential nidus of infection within the tooth (Christen and Christen 2007). By the late 1940s, most of the evidence for focal infection had been largely discredited on the grounds that the early studies had underestimated the complexity of the oral microbiota. Many of the species that had been isolated from oral infections were likely oral commensals and innocent bystanders in the oral infection process. From this point until the late 1980s, relatively little work was published on the link between oral infections and systemic health (Guttman 2017). However, in the early 1990s, the concept was revived. A guest editorial by Robert Newman in 1992 served to alert the reader ship of the JDR once again to the issue of focal infection and called for researchers to reexamine the links between oral and

systemic health. (N have shown associations including cardiovascular comorbidities. Nevertheless, are still unclear to this area that was in need of further research studies in a very occasional field of research in the history of the JDR studies. For example dentistry came as described a new position of acrylic filling material to recognize as one, since they had research but also as of the JDR, the 1 series will present flavor of the new over the last 100 years a profound influence number of other papers. The selected for the year. Focused Collection time" in the reader forward to the next

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JDR Historical Highlights #1

Compiled by Nick Jakubovics, Associate Editor

Star Paper

Buonocore MG. 1955. A simple method of increasing the adhesion of acrylic filling materials to enamel surfaces. *J Dent Res* 34(6):849-853.

Abstract: An acid-etching technique for increasing the adhesion of acrylic filling materials to enamel surfaces. The technique involves the use of a 10% phosphoric acid solution to etch the enamel surface, followed by the application of a primer solution containing a wetting agent and a resin monomer. The primer is then followed by the application of a resin filling material. The resulting bond is stronger than that of a conventional filling material.

Buonocore (1955) Dramatic Increase in Adhesion Time following Acid Etching

This article is the most highly cited paper in the *Journal of Dental Research*, with 1,473 citations at the time of writing (scope: Scopus). The paper describes a concept taken from industry, where phosphoric acid had been used to improve the adhesion of paint and resin coatings to metal surfaces. Could a similar approach be employed to improve the adhesion of acrylic filling materials to teeth? In just over 4 pages, Buonocore essentially revolutionized the field of restorative dentistry. The acid-etch technique for the first time enabled strong adhesion between filling materials and the tooth structure, resulting not only in a new field of research but, more important, in immeasurable benefits to dental patients worldwide. This work continues to accumulate citations and yet has also sometimes been overlooked in historical articles (Yan 2015). By highlighting it here, we aim to ensure that this key piece of dental research will no longer miss out on the recognition it deserves.

"This type of bonding would be much more desirable than one based solely on mechanical retention inasmuch as it may be considered as a form of chemical union."

At this time we feel that because evidence of this nature has not been previously reported, the reasons for the increased adhesion are less important than the finding that the adhesive bond attained on treated, as compared to untreated, surfaces survived oral conditions for relatively long periods of time. Further experiments are indicated to test the resistance of this bond to acid and bacterial action. For the duration of the experiment, the resistance of the bond to the humidity of the mouth seems to be excellent. More work is, however, indicated to evaluate moisture resistance over periods of time comparable to



the service life of a restoration. Nevertheless, even at this present stage it is believed that these findings open a new approach to the problem of obtaining adhesion of acrylic materials to teeth, thereby increasing the usefulness of these materials. For instance, we foresee that the formation of good bonds, of the sort we have demonstrated, on enamel surfaces open the possibility of successfully sealing pits and fissures for purposes of caries prevention."

Archival Excerpts

Cotton HA. (1919). The relation of oral infection to mental diseases. *J Dent Res* 1(3):269-313.

"This infected tooth alone could cause very serious systemic diseases was demonstrated by Hastings in 1914; by Billings and his co-workers in 1916 (1). Their work called the attention of the medical and dental professions to the importance of the teeth as a source of infection. Klotzow likewise has shown that these organisms tend to migrate to other organs and there set up secondary foci. It can be seen that extracting the teeth, alone, will not correct a focus in the kidney, liver or gastrointestinal tract; hence there are failures that tend to discredit the whole theory of focal infection, whereas the cause of our failures may be found in our lack of attention to these accessory foci. How the organisms reach distant organs is not plain; probably, in a large majority of cases, through the lymphatic system and seldom through the blood stream, although occasionally the latter system is involved. In culturing the tooth, in a large

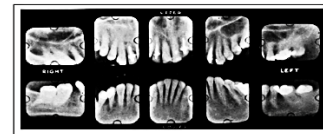


Fig. 6. Centennial articles showing dental X-rays and text. Cotton (1919). X-ray images of Infected Teeth

Figure 6. Centennial Articles

☑ JDR Special Issues in 2019: Advances Supplements

- Women in Science, Guest edited by Rena D'Souza, Effie Ioannidou, and Tamanna Tiwari
- Oral Health and Tobacco Products, Guest Edited by Scott Tomar
- Precision Medicine in Dentistry, Guest edited by Maria Ryan

☑ JDR Special Issue Planning 2019: The Oral Microbiome

- Call for papers coming out this meeting to recruit cutting edge advances in oral microbiology
- Recruiting work in the basic, translational and clinical arenas of the field.
- The issue will be of interest to researchers in fields such as microbiology, virology, immunology, and pathology, as well as physicians and dental practitioners.
- Co-guest edited by JDR Assoc. Editor Nick Jakubovics to publish early 2020

Dr. Maria Ryan, AADR president, also joined the meeting and announced that Dr. Giannobile will be stepping down from the Editor of JDR position as of 2020. A search will be opened as soon as a search committee is announced. She thanked Dr. Giannobile her his long years of dedicated and outstanding service.

8. Journal of Dental Research Clinical and Translational Research Report (Effie Ioannidou, Associate Editor)

Dr. Ioannidou opened her report by saying that JDR CTR is not just any clinical journal, it is a special journal dedicated publishing findings that can have an impact

on the health of the populations, focused on translation to all stakeholders and the readership is international.

- **Original Reports**
 - Epidemiologic Research (Case control, cohort, RCTs)
 - Health Services Research
 - Economic Research
 - Qualitative Research
 - Multi-methods Research (incl. Mixed Methods)
 - Participatory Research
 - Decision Analysis Research
 - Health Technology Assessment (HTA) Reports
- **Invited Commentary**
 - A point of view on any relevant topic by journalists, politicians, policy makers, educators, opinion leaders, organizations, researchers.
- **Perspectives**
 - Reflections written in the first person by any stakeholder in oral health. These are short monographs taken from one’s own experience.
- **Special Communications**
 - These are reports that stem from organizations, committees or consensus meetings that describe the group’s outlook on an important issue regarding care provision, education, public health, health policy or research.
- **Guest Editorials**
 - A clear and substantiated position on issues of interest to the readership community can be considered for this manuscript type.

Top Four Reasons to Submit (Figure 7)

- **Credibility** Your work will be published with other reports of high quality, rigorously conducted clinical and translational research studies.
- **Recognition:** Your work will be read by top international experts in your field, stimulating interest, discussion and collaboration.
- **Impact** The results of your work will be shared with those who can use them to improve health.
- **Efficiency** Rapid review process.

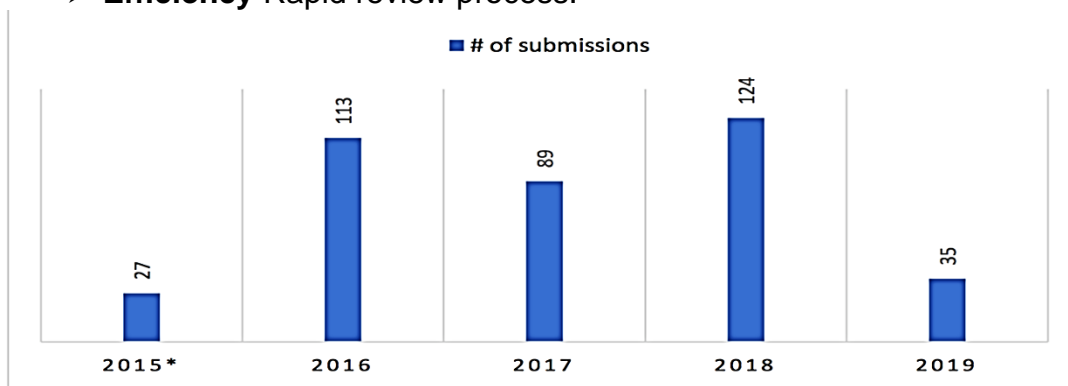


Figure 7. Original Submissions to JDR CTR 2015-2019 YTD. *The submission site for JDR CTR did not open until Sep 2015.reflects total manuscript submitted (direct and transferred)

9. Announcement of Prize Winners and presentation of awards (Hatice Hasturk)

The list of IADR/PRG awards given during 2017-2018:

- Past Presidents' Travel Award (Colgate)
- Sigmund S. Socransky Young Investigator Award
- IADR/PRG Award in Regenerative Periodontal Medicine (Regedent AG)
- Philips Oral Health Care Young Investigator Research Grant
- Karring – Nyman Sunstar Guidor Award
- Innovative approaches to prevention and non-surgical treatment of periodontal and peri-implant diseases (EMS)
- IADR/LION Dental Research Award for Junior Investigators (LION Corporation)

Dr. Hasturk invited Prof. Panos Papapanou to announce the recipient of the Past President Travel Award, sponsored by Colgate Palmolive Company, **Haiqing Liao From School and Hospital of Stomatology, Wuhan University, China** for her research entitled “MiR-361-3p-targeted Nfat5 Controls Cementoblast Differentiation via Multiple Signaling Pathways” and the recipient of Sigmund S. Socransky Young Investigator Award, sponsored by the PRG, **Dr. Vivek Thumbigere Math from University of Maryland, USA**. Dr. Maria Ryan, Chief Dental Office, Colgate presented the award to Dr. Liao.

Dr. Hasturk invited Prof. Iain Chapple to announce the winner of the Philips Oral Health Care Young Investigator Research Grant. Prof. Chapple presented the award to **Allan Radaic from University of Campinas, Brazil** with his project titled “The Oral Microbiome Signature of Oral Cancer Transitions” in collaboration with Drs. Yvonne Kapila, Kyle Jones and Patrick Ha.

Dr. Hasturk then invited Prof. Anton Sculean to announce the winner of the IADR/PRG Award in Regenerative Medicine Sponsored by Regedent. Prof. Sculean announced the winner as **Soren Jepsen, University of Bonn, Germany** for his outstanding contribution in oral regenerative medicine and presented his plaque.

Prof. Andreas Stavropoulos announced the Karring-Nyman Sunstar Guidor Award recipient **Dr. Peter Harisson from Trinity College of Dentistry, Dublin, Ireland** for his project titled “L-PRF vs. L-PRF Block in periodontal regeneration of 2- and 3-walled intrabony defects”. The award was presented to the winner by Dr. Stavropoulos and the Sponsor representative Marie Wilson.

On behalf of Prof. Axel Spahr, Dr. Hasturk announced the recipient of the Innovative approaches to prevention and non-surgical treatment of periodontal and peri-implant diseases Award, sponsored by EMS, as **Prof. Niklaus Lang, University of Bern, Switzerland**. Dr. Hasturk presented the award to Anton Sculean on his behalf.

Prof. Magda Feres announced the first recipient of the newly launched award IADR/IAP Ricardo Teles Clinical Research Award in Periodontology award to **Niki**

Moutsopoulos, NIDCR, USA, as the senior author of the clinical research study entitled “Dysbiotic microbiome triggers Th17 cells to mediate oral mucosal immunopathology in mice and humans” published in Science Translational Medicine in 2018. A plaque presented to Dr. Moutsopoulos on behalf of all authors.

Dr. Hasturk thanked all the sponsors for their continuous and generous support for periodontal research and all award manager and presenters for their continuous outstanding service.

The outgoing President, Prof. Hasturk, gave a member highlight as her concluding remarks. She thanked the board members Profs. Bostanci, Herrera, Feres, Kantarci, Preshaw and Stavropoulos for their help and support during her presidency. She also offered her gratitude to Profs. Feres, Papapanou, Chapple, Sculean, Spahr and Stavropoulos for managing the awards on behalf of the PRG. She also thanked to Belen Retamal, the PRG member for her continuous administrative support.

After her speech, the President, Dr. Hasturk was presented a recognition plaque by the upcoming President Prof. Bostanci for her achievements and outstanding service to the PRG during the last 3 years.

10. New President’s Address (Nagihan Bostanci)

The new President of the PRG, Prof. Bostanci, began thanking Dr. Hasturk for all her work in the previous year, especially setting up a strong communication with the PRG membership base by continuing with the second edition of the PRG newsletter, and many more during her presidency. She also thanked the PRG Board, the abstract reviewers and all presenters and sponsors for their support, and congratulated the award recipients.

During her Presidential Address, Prof. Bostanci, gave a “Revolution and Evolution of the PRG from 2069-2019. She mentioned that PRG has evolved from an “all guy” board to “all women” board (“sorry David!!”) with equal opportunity in leadership and representative of all ethnicity, gender and backgrounds. She specifically presented the following goals during her presidency and stressed that the key for success is to keep the IADR PRG Values: Excellence, Responsibility and Community:

- To conduct science at highest possible level of rigor and innovation
- The pursuit of science to improve oral health and well being for all people
- To continue to value diverse and inclusive scientific workforce and mentoring networks to develop the next generation of scientists
- To stimulate collaborative and consortium research in periodontal epidemiology/diagnosis, pathogenesis and treatment

She concluded her Presidential speech announcing the 2020 IADR Centennial Meeting in Washington DC in March 18-21, 2020 and invited all PRG members to meet, present, and network once again for better and greater future for all of the scientific and professional community of Periodontology.

Lastly, Prof. Bostanci invited all attendees to the PRG reception to celebrate 50 year of PRG and the lives of the great leaders we lost in the past year.

11. Future Meetings

Date	Location	Meeting
June 23-27, 2019	Philadelphia	Penn Periodontal Conference
September 4-8, 2019	San Francisco, USA	FDI World Dental Congress
September 13-15, 2019	Bali, Indonesia	8th World Workshop on Oral Health and Disease in AIDS: Improving Health and Wellbeing
September 19-21, 2019	Madrid, Spain	IADR Continental European Division Annual Meeting (CED) IADR Scandinavian Division Annual Meeting (NOF) CED-IADR/NOF Oral Health Research Congress
November 2-5, 2019	Chicago, USA	105 th Annual Meeting, American Academy of Periodontology
November, 28-30, 2019	Brisbane, Australia	IADR-APR
March 6-7, 2020	Dublin, Ireland	EFP Perio Master Clinic
March 18-21, 2020	Washington DC, USA	IADR/AADR/CADR
March 17-20, 2021	Boston, Mass., USA	50 th Annual Meeting & Exhibition of the AADR 45 th Annual Meeting of the CADR
June 2-5, 2021	Copenhagen, Denmark	EuroPerio 10
June 23-26, 2021	Chengdu, China	99 th General Session & Exhibition of the IADR 5 th Meeting of the IADR Asia Pacific Region
March 23-26, 2022	Atlanta, Georgia, USA	100 th General Session & Exhibition of the IADR 51 st Annual Meeting & Exhibition of the AADR 46 th Annual Meeting of the CADR
June 21-24, 2023	Bogotá, Colombia	101 st General Session & Exhibition of the IADR XII Meeting of the Latin American Region

12. Other

Before adjourning the 2019 Business Meeting, Prof. Bostanci called for submissions for the 2020 IADR/AADR/CADR General Sessions in Washington DC, USA. She announced that ideas for symposia, workshops and Breakfast Breakthrough sessions were welcomed from all members and should be sent to the Symposium and Proposal Coordinators through Vice President, President and GPCs.