



IADR Cariology Research Group

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Cariology Research Group International Association for Dental Research November 2009 Newsletter

Message from the President

Dear Colleagues,

As the newly elected President of the Cariology Research Group of the International Association for Dental Research (IADR), I am taking this opportunity to invite all IADR members, who are interested in caries research or have been conducting studies relating to dental caries, to join us in the Cariology Research Group. Apart from the exciting programs that our group always presents at both IADR and AADR meetings, joining our group offers you an opportunity of networking with people that share common interests with you. Since cariology is the study of dental caries, we are by nature, and will strive to continue to be, a multidisciplinary group. Our goal is to promote research into dental caries and all related subjects, while encouraging communication and collaboration. We aim to provide a forum for discussion amongst all those interested in advancing our understanding of this disease process and to develop prevention and management strategies that can be effective in the different population groups around the world. Therefore, our members closely interact and/or are also members of other disciplines and IADR groups, as well as other disciplines outside dentistry. A clear example of the interdisciplinary nature of caries research can be seen when looking at the winners of the Cariology Research Group Basil Bibby Award over the past years, in which microbiology, immunology, genetics, epidemiology, dental materials, diagnostic sciences, salivary research, amongst other disciplines have been very well represented.

Please contact our secretary for details on how to submit the Registration form and Membership fee.

Franklin Garcia-Godoy
President
IADR Cariology Research Group

Message from the Secretary/Treasurer

Dear Colleagues,

I would like to thank you for giving me the opportunity to serve you as Secretary/Treasurer of the IADR Cariology Research Group.

Past meeting in Miami: The 2009 Annual meeting in Miami, FL was very successful. The group presented 7 oral sessions and 8 poster sessions; organized 1 symposium and co-sponsored 2 others. The Cariology Group served as a voting member of the IADR council. Dr. Franklin Garcia-Godoy was announced as the Group's new President. Dr. Ben Amaechi was elected as our new President-Elect while I was elected as the new Secretary/Treasurer. Thanks to Drs. Tilly Peters and Ben Amaechi for providing all the reports at the Miami Business meeting as well as coordinating the entire meeting. The minutes of the Group's business meeting in Miami are included at the end of this newsletter.

Upcoming meetings: This year, we will have 2 independent meetings for the AADR and IADR. Drs. Tilly Peters and Margherita Fontana (University of Michigan - CRSE, Ann Arbor, USA) have volunteered to be the Lunch & Learning and Symposium Organizers for both meetings.

The **AADR Annual Meeting** will be held in Washington D.C., March 3-6, 2010, and will have Drs. Tilly Peters and Franklin Garcia-Godoy as the Cariology Group's Program Chairs.

We have programmed 5 Lunch & Learning sessions:

- #1: Caries Management by Risk Assessment - What's the Evidence?; Speaker: Mark S. Wolff (New York University, USA);
- #2: Management of Early Caries Lesions: Remineralization or Infiltration?; Speaker: Tilly Peters (University of Michigan - CRSE, Ann Arbor, USA);
- #3: Maximizing the Balance among Fluoride Intake, Fluorosis, and Caries: Science of Fluoride Use in Oral Health Care; Speaker: Liang Hong (University of Missouri, Kansas City, USA);
- #4: Prevention of Secondary Caries: Clinical and Biologic Factors; Speaker: John Hicks (Baylor College of Medicine, Houston, USA);
- #5: The Role of Proteomics to Understand the Acquired Enamel Pellicle; Speaker: Walter Siqueira (University of Western Ontario, London, Canada).

The Cariology Research Group symposium is titled: 'To Seal, Remineralize or Restore: A Symposium on the Assessment of Best Clinical Practices', and is co-sponsored by the following IADR Groups: Dental Materials, Education Research, Network for Practice-based Research and Oral Health Research.

The **IADR General Session** will be held in Barcelona, Spain, July 14-17, 2010, and will have Drs. Tilly Peters and Ben Amaechi as the Cariology Group's Program Chairs.

We have programmed 6 Lunch and Learning sessions:

- #1: Protecting newly erupted permanent first molars in high caries risk children, by Don Antonson (University of Buffalo, Buffalo, USA);
- #2: Mutans Streptococci story. Was it a 'window or a door'?, by Ananda Dasanayake (New York University, USA);
- #3: Secondary dentin caries lesions in adhesive resin restorations, by Maria Luz (Sao Paulo University, Sao Paulo, Brazil);
- #4 Electrolyzed waters in caries control, by Khairul Matin (Tokyo Medical & Dental University, Tokyo, Japan);
- #5: Caries infiltration clinically: Does it work? When is it indicated?, by Hendrik Meyer-Lückel (University of Kiel, Kiel, Germany); and,
- #6: Preventive strategies and treatment of root caries based on caries risk assessment, by Luiz Pimenta (School of Dentistry at Chapel Hill - UNC, Chapel Hill, USA).

We will have one programmed Cariology Research Group symposium: 'New Directions in Cariology Research', chaired by Dr. Alexandre Vieira (University of Pittsburgh, Pittsburgh, USA). This symposium is co-sponsored by the following IADR Groups: Diagnostic Sciences, Oral Health Research.

We are also co-sponsoring 2 symposia:

- #1: Latest evidence based research on caries management by risk assessment, organized by Dr. Francisco Ramos-Gomez, Universtiy of California, Los Angeles, USA (Behavioral, Epidemiologic and Health Services Research);

#2: The use of ART in older population, organized by Aylin Baysan, Bart's & The London Queen Mary's, London, England, UK (Geriatric Oral Research).

And we will have a Keynote Speaker: Challenges Determining the Erosive Effect of Acidic Soft Drinks and Juices, by Anderson Hara (Indiana University School of Dentistry, Indianapolis, USA).

The Cariology Research Group will also be co-sponsoring the Hands-on Workshop: Emerging diagnostic aids for caries and periodontal disease in general dental practice, of the Diagnostic Sciences Group, by Elbert de Josselin De Jong.

Upcoming election: we are starting the process for the election of the new President Elect of the Cariology Research Group. Voting members will be contacted soon with additional information. If you would like to submit nominations (self-nominations allowed), please contact us. A short-biography should be sent along with the potential candidate name.

At the end of this newsletter, please find the contact information for the officers of the Cariology Research Group. If you have any announcements or information that you would like to share with other Group members, I encourage you to send them to me (ahara@iupui.edu) to be published in the next newsletter.

The next newsletter will be sent in the Spring of 2010 with more detailed information regarding our Group's agenda for the Washington D.C. and Barcelona, Spain meetings.

I wish you all a safe and productive Fall 2009.

Anderson Hara
Secretary/Treasurer
IADR Cariology Research Group

Minutes of the 2009 Annual Business Meeting

Thursday April 2, 2009, IADR General Session, Miami, Florida

Venue: Miami Beach Convention Center, Room A203

Time: 5:00 PM - 6:00 PM

The meeting was called to order at 5:15 p.m. by President Tilly Peters, who chaired the meeting. Approximately 43 members were in attendance. Minutes of the 2008 Business meeting in Toronto, Canada, which were distributed electronically to members of the group prior to the meeting, were unanimously approved.

President's report presented by the President Tilly Peters: Thanks to the commitment and collaboration of our executive officers, Group Program Chairs and their reviewers' team all preparations, abstract reviewing and session planning for the 2009 meeting went smoothly. Their efforts resulted in the exciting program of the Miami meeting. As always, the executive team welcomed comments and ideas for future meetings regarding topics you would like to see addressed in symposia, keynote speakers and lunch & learning sessions.

The early electronic election process of new group officers, as decided at the business meeting in Toronto, was successful and resulted in Dr. Anderson Hara taking up the Secretary/Treasurer position (3-yr term) and Dr. Ben Amaechi becoming our new President-Elect. Congratulations went out to both. The current executive officers looked forward to working in the new setting.

During the past Fall/Winter period, the President represented our CRG in two IADR Award Committee's by participating in the selection process for the 2009 Lion Award and the 2009 Borrow Award. Also, a judging panel was convened for the applications for the 2009 Basil B. Bibby Award.

In closing this report, the President thanked the CRG-membership for their trust and the honor to serve as their President for 2008-2009. Genuine recognition was also extended to the other officers for their support – and their friendship: A heartfelt President's 'thank-you' for a true team effort!

IADR Councilor's Reports presented by Tilly Peters (Councilor): This year, the IADR Council Meeting was business as usual.

Following are some points that might be of interest for the members of our group to be updated on:

- IADR Election for Vice-President in 2008 saw an increase in voting members to 32% of the membership (30% in 2007). Result of the vote: IADR Vice-President Dr. E. Dianne Rekow (NYU, USA)
- Dues rate:
 - Tiered dues rate will be pegged for 5 years from inception of the program
 - Further consideration is advised of students' dues rates for tiered countries
- *JDR* Editor's Report - Publishing activities
 - Move from self-publishing to a commercial publisher nears completion. January 2009 issue of *JDR* is first issue published by SAGE Publications Inc.
 - *JDR* continues its strong Scientific Impact Factor (SIF) which increased to 3.496 (SIF 2007)
 - Overall acceptance rate in 2007 was about 27%
- New travel award (\$2,500) for young investigators has been approved by the IADR Board of Directors in Dec 2008. The award, supported by Hereaus Kulzer, is for young investigators who have submitted an abstract which has a dental materials component, in support of their attendance at an IADR General Session. Per year 5 awards will be made, one for each of the five regions.
- IADR Regionalization process continues to go forward.
- Slate of candidates for IADR Vice-President election was accepted:
 - Mary MacDougall (USA)
 - Jukka Meurman (Finland)
 - Lakshman Saranayake (Hong Kong)
- Members present were encouraged to bring out their vote in the fall, so the voting percentage moves upward.
- Formation of the Syrian Non-Divisional Section has been accepted.
- Change of Constitution & Bylaws was accepted to reflect "Networks" as an entity in addition to Group and Chapter with a vote on Council, and to include the proper English name of the FDI as World Dental Federation.
- Current process of meeting planning is 6 years ahead. Council has adopted a new 5-year cycle. This leads to postponement of decision about meeting location for one year. This allows for more flexibility and improved quality in planning (considering the current economic situation) as well as continued discussion about potential format changes.
- 2008 membership: 4.5% increase in members, and 23% increase in student members!
- IADR Membership dues:
 - No increase for full members
 - \$2 increase for student members (\$25 => \$27/yr)
 - IADR continues to be a financially healthy organization despite economic downturn.

AADR Councilor's Report by Dr. James Wefel: Extensive report of issues in consideration or decision at central organization level, was presented by Dr. James Wefel of the University of Iowa, who acted as our councilor for the meeting. See AADR Council Report for details.

Program Chair's Report presented by Dr. Margherita Fontana: Cariology Research group had a successful program and meeting at the IADR 2009 General congress and exhibition in Miami. The highlights of our programs are as follows:

ABSTRACTS: 179 abstracts were submitted to our group. A total of 160 abstracts were accepted. Four abstracts were transferred to other groups, and the remaining 15 were either rejected or withdrew during the initial planning of the meeting. Five abstracts were sent to the English assistance program.

ORAL/POSTER PRESENTATIONS: 41 abstracts were presented orally amongst 7 oral sessions, with approximately 6 abstracts per session. 119 abstracts were presented as posters, distributed in 8 sessions.

SYMPOSIA: We sponsored the symposia 'Biological Modeling of Secondary Caries', organized by Mathilde Peters (University of Michigan, Ann Arbor, USA) and Margherita Fontana (Indiana University, Indianapolis, USA) and co-sponsored by the following groups: Evidence-based Network, Geriatric Oral Research group. In addition, our group co-sponsored 2 other symposia: 'Emerging Issues in Practice-based Research', organized by Catherine Demko (Case Western Reserve University, Cleveland, USA); and 'Optical Diagnostics in the Oral Cavity', organized by Elbert de Josselin de Jong (Inspektor Research Systems, Amsterdam, The Netherlands). We also cosponsored one Hands-On Workshop: 'Quality of Abstracts: Getting from Good to Better to Best', organized by Alison Bullock (University of Birmingham, UK).

LUNCH & LEARNING: We organized 3 Lunch and Learning sessions: 'Abrasive Level of Dentifrices – Is It Relevant?', by Carlos González-Cabezas (Indiana University, Indianapolis, USA); 'Caries Management by Risk Assessment', by Bennett Amaechi (University of Texas HSC, San Antonio, USA); 'Remineralization of Enamel Lesions: Remineralizing Agents & Evaluation Methods', by John Hicks (Baylor College of Medicine, Houston, USA).

KEYNOTE SPEAKER: Dr. Marilia Buzalaf (University of São Paulo, Bauru, Brazil), the past winner of the Basil Bibby Award for Excellence in Cariology Research, presented 'Insights into Preventive Measures for Dental Erosion'.

Membership Report presented by the Secretary/Treasurer, by Dr. Ben Amaechi: We have total of 488 members as of March 5, 2009. This is a increase when compared with May 5, 2008 with a total of 432 members. The composition of the membership is as shown in the table below.

Categories	IADR	AADR	Total
Members	177	108	285
Student members	101	58	159
Life Members	2	2	4
Total	280	168	448 Grand total

Treasurer's Report Presented by the Secretary/Treasurer, by Dr. Ben Amaechi: The financial status of the Group is sound. Fund balance as of last annual report December 31, 2008 was \$44,732.74, while the balance as of April 2, 2009 = \$48,547.48.

Annual Dues collected in 2008 = \$3,272

Symposium sponsorship for Miami = \$9,145

As usual the Colgate Palmolive sponsored our Group's Reception in Miami, while Basil G. Bibby Award was sponsored by Unilever. Our group symposium was sponsored by GABA International, 3M-ESPE, DENTSPLY, and GlaxoSmithKline Consumer Healthcare.

Presentation of Basil G. Bibby Award: The winner for 2009 Basil G. Bibby Award was Dr. Anderson Hara of the Indiana University. Congratulations to Anderson for his outstanding achievements! Special thanks to Unilever for sponsoring this Award.

Presentation of the Lion Award 2009: The Lion Award for 2009 was presented to Sebastian Paris of the University of Kiel, Germany. Congratulations to Sebastian for his outstanding achievements in the field of Cariology! Special thanks to the Lion Corporation for sponsoring this Award.

The 2009 Awardees:



Basil G. Bibby Award: Tilly Peters, Anderson Hara and Margherita Fontana.



Lion Award: Eiji Nishinaga (Lion Corp.), Sebastian Paris and Tilly Peters.

Announcement of New Officers: Franklin Garcia-Godoy, the President-elect, ascended to the position of President.

- Election results:
 - 2009 President-Elect: Ben Amaechi (University of Texas Health Science Center at San Antonio, Texas)
 - 2009-2012 Secretary-Treasurer: Anderson Hara (Indiana University, Indianapolis, Indiana)

Congratulations to both and WELCOME to the team of Group officers!

New Business:

- Expansion of the Group Executive officers: The members were informed of the intention of the current Executive to propose expansion of the Group Executive Officers with 3 additional officers; Councilor (3-year term), Symposium/Lunch & Learn Organizer (2-year term) and Group Program Chair (2-year term). The need and importance of this expansion were clearly explained to the members. It was concluded that the executive will get back to the members with a formal proposal to be voted on by the members [Watch your email in the next few weeks!].
- Student Research Awards: The request by the National Student Research Group (NSRG) for Cariology Research Group to create a Student Research Award for the best student research in cariology was presented to the members. The main controversies in this issue are (1) the fact that IADR Cariology group is an international group while the NSRG is a body of the American Dental Students, (2) how will the group raise the sponsorship fund; do we use money from the group fund or do we solicit for a sponsor?, (3) what will the recipient receive i.e. plaque plus money or plaque plus reimbursement of travel expenses. Further discussion is needed on this.
- Submission requirements for Bibby Award: Change in submission requirement for Basil G. Bibby Award was proposed to the members by the executives. The change was unanimously accepted. The by-laws need to be changed with respect to this.
- Cariology curriculum development (ADEA-SIG and ORCA): The progress in the development of a Core Curriculum for Cariology separately by both the ADEA Special Interest Group in Cariology and ORCA was narrated to the members. This was warmly embraced by the members.
- Increase membership: The need for increase in membership, especially to include other IADR members in other specialties but working on caries and caries-related studies, was discussed. Every member was urged to be active in membership hunt.

Recognition of Past President: Margherita Fontana, the immediate Past-President, was honored with a plaque for her long-term excellent service for the group.

Meeting was adjourned by 6:00 pm, and members went for the joint Group Reception with the IADR Salivary Research Group in Room A109 of the Miami Convention Center.

Meeting News

The 57th ORCA Congress will be held in Montpellier, France from July 7-10, 2010. For more information please visit the Congress Web site: <http://www.orca-caries-research.org/>.

Group Awards and Announcements

*IADR Basil G. Bibby Young Investigator in Cariology Award
Sponsored by the Unilever Company*

Purpose: The Cariology Group of IADR has established the above Award for the purpose of promoting the interest of young scientists and students in dental caries research and related matters, and to acknowledge excellence of the research conducted by young investigators. The Award is in honor of the founding President of the Cariology Group, Dr. Basil G. Bibby.

Eligibility: Individuals who will not have reached their 40th birthday by July 14, 2010 are eligible to apply.

Criteria: The Award will be made on the basis of general excellence in research related to Cariology as demonstrated by written or published reports.

Application: Candidates may apply directly or be nominated by a member of the Cariology Group. Supporting documents should include:

- a brief curriculum vitae
- summary of specific scientific contributions
- a list of the reports or publications on which the application is based, and if possible/applicable the web-link to each of them; and
- a supporting statement from a colleague or member of the Cariology Group

For application format, please contact Cariology Research Group Secretary/Treasurer Anderson T. Hara (ahara@iupui.edu).

Award: The winner will be decided by a four-member panel and will receive a plaque and a cash award of \$500. In addition, up to \$1100 will be provided to cover registration, travel and housing expenses for the winner to attend the 2010 General Session & Exhibition of the IADR, Barcelona, Spain, July 14-17, 2010. The Award will be presented at the Cariology Group business meeting during the 2010 IADR General Session in Barcelona.

Nomination Deadline: Deadline for receipt of applications is **December 1, 2009**

Applications should be sent to:
Professor Franklin Garcia-Godoy
President, Cariology Group of the IADR
Professor and Senior Executive Dean for Research
College of Dentistry
University of Tennessee

875 Union Avenue
 Memphis, TN 38163
 E-mail: godoy@uthsc.edu

Previous Winners:

2009 Anderson T. Hara
 2008 Marília AR Buzalaf
 2007 Michel (Hyun) Koo
 2006 Iain Pretty
 2005 Andrea Ferreira-Zandoná
 2004 Johan Aps
 2003 Egija Zaura
 2002 Layla Abu-Naba'a
 2001 Xie-Qi Shi
 2000 Susan Al-Khateeb
 1999 Margherita Fontana
 1998 Manuel Bravo
 1997 Anne Vacca Smith

IADR Cariology Research Group – 2009-2010 Officers

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Group Program Chairs

Tilly Peters (see above), for AADR/IADR
Franklin Garcia-Godoy (see above), for AADR
Bennett T. Amaechi (see above), for IADR

Councilors to the IADR/AADR meeting

Tilly Peters (see above)
Bennett T. Amaechi (see above)

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