

Prosthodontics Research Group

<http://www.iadr-prosthodontics.org/>

International Association for Dental Research

Newsletter 2015

Edited by Christian Stappert and Cortino Sukotjo (February 2015)

Greetings from the President – Cortino Sukotjo



Dear IADR Prosthodontic Research Group Members,

Welcome to Boston,

I was fortunate that my Advanced Prosthodontic training was here in Boston. Boston is such a gorgeous city. For those of you who have not been to Boston, there are many beautiful places to go and restaurants to visit. Name a few famous places: Boston common, Quincy Market-Faneuil Hall, Harvard-MIT-Tufts-BU-BC, North end etc. I just hope that weather will be cooperative during the meeting.

I am also pleased to inform you that according to the central office, this meeting in Boston will have one of the largest attendances in the IADR meetings history. In our group, we will have great oral and poster presentations representing excellent prosthodontics science from all over the world. We continue to have an excellent research competition such as the prestigious Frechette award, IADR Student Research Fellowship and Pre-prosthetic regenerative award. Please come and support all the

young investigators who have worked very hard to be selected for these awards. Further, we will have a join reception with the Implantology Research Group as usual.

Lastly, I would like to thank all the officers! What a great team we have! Special thanks to our secretary, Dr. Christian Stappert, for organizing this newsletter. Finally, on behalf of the group, I would like to say thank you to all the sponsors that have been supporting our events continuously.

See you all in Boston,

Cortino Sukotjo DDS, Ph.D
President
IADR Prosthodontic Research Group

Prosthodontics Research Group

Executive Officers 2014 - 2015

A. President

Cortino Sukotjo University of Illinois, Chicago, Csukotjo@uic.edu

B. President-Elect

David Bartlett King's College London Dental Institute at Guy's, King's College and St Thomas' Hospitals, david.bartlett@kcl.ac.uk

C. Immediate Past President

Wael Att, Albert-Ludwigs University, wael.att@uniklinik-freiburg.de

D. Program Chair

Asbjorn Jokstad, University of Toronto Faculty of Dentistry, a.jokstad@dentistry.utoronto.ca

E. Secretary/Treasurer

Christian Stappert, University of Maryland School of Dentistry, cstappert@umaryland.edu



F. Councillor – IADR

Dan Nathanson, Boston University Henry M Goldman School of Dental Medicine, dnathan@bu.edu

G. Councillor – AADR

Stephen Rosenstiel The Ohio State University, College of Dentistry, rosenstiel.1@osu.edu

H. Frechette Award Coordinator

Stephen Rosenstiel The Ohio State University, College of Dentistry, rosenstiel.1@osu.edu

I. Pre-Prosthetic Regenerative Science Award Coordinator

Keiichi Sasaki, Tohoku University Graduate School of Dentistry, keii@dent.tohoku.ac.jp

J. IADR PG Student Research Fellow- ship Coordinator

Wael Att, Albert-Ludwigs University, wael.att@uniklinik-freiburg.de

K. Digital Dentistry:

Marcus Abboud, Stony Brook University, Department of Prosthodontics and Digital Technology, marcus.abboud@gmail.com

L: Directors:

1. **Frauke Müller**, Section Médecine Dentaire, Université Genève, frauke.mueller@unige.ch
2. **Matthias Kern**, Universitätsklinikum Schleswig-Holstein, Klinik für Zahnärztliche Prothetik, Propädeutik und Werkstoffkunde, mkern@proth.uni-kiel.de
3. **Marcus Abboud**, Stony Brook University, Department of Prosthodontics and Digital Technology, marcus.abboud@gmail.com
4. **Joke Duyck**, UiT, The Arctic University of Norway, Department of Clinical Dentistry, joke.duyck@uzleuven.be
5. **Kazuyoshi Baba**, Showa University, kazuyoshi@dent.showa-u.ac.jp



[*Group Program Chair Report 2015 - Asbjorn Jokstad*](#)

Group Program Chair Report 2015 - Asbjorn Jokstad



For the 2015 IADR meeting in Boston, MA, the prosthodontics research group co-sponsors one symposium. Forty submitted abstracts will be presented in 7 oral sessions and 156 posters will be displayed in 8 poster sessions.

The symposium is titled: **“Is Edentulism Disappearing? Implications for Dental Care and Education.”** and is sponsored by the BEHSR (Behavioral, Epidemiologic and Health Services Research) and Prosthodontics groups. The symposium is organized on Wednesday 11.3: 3:15 p.m. - 4:45 p.m. in room 206

Our two excellent keynote lecturers will have their presentations on :

Friday 13.3 8:00-9:30 Dr. Stephen Rosenstiel: Prosthodontic Research Publishing.

Location: Room 104

Friday 13.3 10:45-12:15 Dr. Angus Walls: Achievable Outcomes in Prosthodontic Care.

Location: Room 104

The IADR head office initially identified approximately 210 abstract as directly related to prosthodontic research. Following some exchanges of abstracts between the various IADR research groups, 206 abstracts were distributed to Drs. Cortino Sukotjo, Dan Nathanson, David Bartlett, Matthias Kern, Steve Rosenstiel and Wael Att for independent critical appraisal in duplicate. Consensus on abstract rejection or inclusion was excellent. There was only need for arbitration by the group program chair of a small proportion of disagreements. All abstract rejections were satisfactory justified and the submitters received constructive criticism of the multiple reasons for the abstract rejection. In the end, 10 abstracts were rejected yielding 196 abstracts to be presented, of which 40 (20 %) are oral presentations and 156 (80 %) are posters.

Based on the abstract contents, the 196 abstract have been clustered within different topic headings. Obviously, applying nosology to prosthodontics research domains is a challenge on its own and merging small numbers of abstracts with somewhat diverging research focus under meaningful headings is another.

Seven oral sessions and 8 poster sessions are scheduled under the topic headings as follows:

Wednesday, March 11, 2015

1. 1:30 p.m.-3 p.m.: Frechette Competition. **Location:** Room 201

Thursday, March 12, 2015

2. 8 a.m.-9:30 a.m.: Clinical Prosthodontics Research **Location:** Room 202
3. 10:45 a.m.-12:15 p.m.: Computer-Assisted Prosthodontics. **Location:** Room 202
4. 2 p.m.-3:15 p.m.: Clinical and Biological Research, Fixed and Removable Prosthodontics (21 posters)

5. 3:30 p.m.-4:45 p.m.: Clinical and Biological Research, Implant Prosthodontics (21 posters)

Friday, March 13, 2015

6. 8 a.m.-9:30 a.m. Prosthodontic Research Publishing. **Location:** Room 104
7. 10:45 a.m.-12:15 p.m.: Achievable Outcomes in prosthodontic care. **Location:** Room 104
8. 2 p.m.-3:15 p.m.: Implant prosthodontics, Laboratory studies (18 posters)
9. 3:30 p.m.-4:45 p.m.: Removable Prosthodontics & Impression Materials, Laboratory Studies (21 posters)
10. 3:30 p.m.-4:45 p.m.: Diagnosis and Esthetics in prosthodontics (19 posters)

Saturday, March 14, 2015

11. 8 a.m.-9:30 a.m.: Material Degradation and Deterioration. **Location:** Room 104
12. 10:45 a.m.-12:15 p.m.: Removable Prosthodontics. **Location:** Room 202
13. 2 p.m.-3:15 p.m.: Computer assisted Prosthodontics (18 posters)
14. 2 p.m.-3:15 p.m.: Ceramics and Cementation (18 posters)
15. 3:30 p.m.-4:45 p.m.: Tooth or Implant-retained fixed prosthodontics (20 posters)

My sincere thank you goes to the abstract reviewers for their commitment to review the abstracts, and for dedicating their time and energy to this enterprise.

Thank you for having serving the prosthodontics group since 2008. It has been an exciting undertaking to organize the prosthodontics group programs over the last 4 years as your Group Program Chair.

Respectfully,
Asbjorn Jokstad
Prosthodontics Research Group Program Chair

Frechette Award - Stephen Rosenstiel



The **winners of the 2014 Frechette Awards** were presented at the International Association for Dental Research annual meeting in Cape Town, South Africa. The Frechette is the annual research competition for new investigators sponsored by the Prosthodontics Group of the International Association for Dental Research and honoring the memory of Arthur R. Frechette who served as Secretary-Treasurer of the IADR from 1968 until 1977. The winners were **Dr. Hiroko Ogawa, Osaka University Graduate School of Dentistry, Suita-city, Osaka, Japan** for “Vertical

Bone Augmentation Using iPS Cell Constructs with Simvastatin” and Dr. Beatriz Gimenez Gonzalez, University Complutense of Madrid, Madrid, Spain for “Accuracy and Repeatability of Intra-oral Scanners for Full-arch Implant Impressions”. The individuals pictured are (left-to-right) Dr. Wael Att, President IADR Prosthodontics Group; Dr. Carlos Castro, New York University, New York, NY, Frechette Award Finalist; Dr. Gimenez Gonzalez, Frechette Award Winner; Dr. Ogawa, Frechette Award Winner; Dr. Aristeidis Villias, University of Cologne, Cologne, Germany, Frechette Award Finalist; Dr. Akiko Tamura, Kyushu Dental University, Kitakyushu City, Japan, Frechette Award Finalist; and Dr. Stephen F. Rosenstiel, Frechette Coordinator IADR Prosthodontics Group. In addition to the plaques Drs. Ogawa and Gimenez Gonzalez each received a check for \$1000 thanks to the generous support of the Whip Mix Corporation.

We had 20 submissions for the **2015 Arthur R. Frechette Research Awards** in Boston. From these, 6 finalists were selected by past-presidents of the Prosthodontics Group for the 2 awards. One award is for Prosthodontic research undertaken with a Materials Science or Bioengineering oriented protocol and the other is for Prosthodontic research undertaken with a Biological Sciences and Tissue Engineering oriented protocol. Researchers carrying out original research are eligible for the Frechette Award if they have been the primary author of no more than three articles published in refereed dental journals. Each award carries a cash prize of \$1,000.



Pre-Prosthetic Regenerative Science Awards - Keiichi Sasaki



Pre-Prosthetic Regenerative Science Awards 2014 and 2015 Preview

Keiichi Sasaki

Since 2007, the Pre-Prosthetic Regenerative Science Award for Young Investigators recognizes original research by new investigators in the multidisciplinary field of pre-prosthetic or prosthodontics-related regenerative science, including tissue engineering, bone, tooth and soft-tissue regenerative sciences, graft materials research, maxillofacial reconstructive biology and physiology and implant biological research. The awards are co-sponsored by the IADR Prosthodontics Group and Japan Prosthodontic Society.

The papers accepted in the Prosthodontics Group Poster Session (either oral or poster presentation) are eligible for the awards, and the selected finalists are asked to submit a 5-page extended abstract.

The 2014 First Place Winner was awarded to **Dr. Haruki Yamamoto** at Osaka University Graduate School of Dentistry, Japan, for his work entitled "Fabrication of Biomimetic Bone Graft Materials Using iPS Cells".

The Second Place Award went to **Dr. Kazuo Takeuchi** at School of Dentistry, Aichi-Gakuin University, for his work on "Histomorphometric Evaluation of Bone around Titanium Implants with Therapeutic Ultrasound".

For 2015 Boston Meeting, 10 finalists have been selected. The first and second place winners will be announced in the PRG Business Meeting on Thursday, 5 PM, March 12th.

Keiichi Sasaki

IADR Prosthodontics Group Student Research Fellowship - Wael Att



The 2014 IADR Prosthodontics Group Student Research Fellowship was awarded to **Manrique Fonseca**, Prosthodontics Resident, Department of Prosthodontics, University of Freiburg during the group's business meeting at the IADR General Session in Cape Town. His research

project entitled “Influence of ultraviolet photofunctionalization on surface characteristics of old and new titanium implants” competed with other research proposals submitted by different research groups and was finally selected as recipient of the fellowship. The proposals were judged and rated by reviewers with renowned research expertise for novelty, originality, multidisciplinary nature and scientific value. Final selection was made for the proposal with the highest score provided by the reviewers.

I would like to thank all applicants for the submission of high-quality research proposals and further encourage all research groups to apply for this fellowship. I also thank all reviewers for accepting the time-consuming task of evaluating and rating of multiple high-quality research proposals. The continuous support of Vita of this fellowship is highly appreciated.

The IADR Prosthodontics Group Student Research Fellowship is administered by the IADR Prosthodontics Group (PG) and co-sponsored by VITA Zahnfabrik and PG. This fellowship has been created in 2010 to encourage dental students, residents, and graduate students to consider careers in oral health research related to the topic of Prosthodontics. Proposals are sought in any category of research related to Prosthodontics.

The fellowship consists of a cash prize of \$3,000 + travel funds up to \$1500, with the funds being used to support direct costs for the research and travel/accommodations to present at an annual IADR General Session & Exhibition. The results of the research are to be presented at an annual IADR meeting within two years of receiving the fellowship, by submitting an abstract within the Prosthodontics Group for a poster or oral presentation.

The 2015 fellowship recipient will be announced at the Prosthodontics Group Business meeting on Thursday, March 26: 5:00- 6:00 pm during the IADR General Session in Boston.



In the picture: Wael Att (left) (President of IADR Prosthodontics Research Group 2013-2014 and Fellowship Coordinator), and Benjamin Just (right) (Vita Zahnfabrik representative).

Secretary-Treasurer Report – Christian Stappert



As of February 2015, Central Office indicates the following membership information (**Total 950 (FY14 - 519)**):

1. IADR members: **431 (FY14 - 201)**
2. IADR retired members: **3 (FY14 - 4)**
3. IADR student members: **312 (FY14 - 204)**
4. IADR/AADR members: **96 (FY14 - 66)**
5. IADR/AADR retired members: **5 (FY14 - 3)**
6. IADR/AADR student members: **103 (FY14 - 41)**

Financial Report by Christian Stappert/ Cortino Sukotjo for FY 2013

Balance as of 12/31/13

\$ 44,173.88

Financial Report by Christian Stappert for FY 2014

(IADR headquarter information/ Cortino Sukotjo as of 12/31/2014)

Income 2014

Whip Mix	\$1,000.00
Japan Prosthodontics Society	\$1,000.00
Vita	\$2,979.00
Dues 4 th Qtr 2013	\$1,963.00
Dues 1 st to 3 th Qtr 2014	\$3,612.55
Total Income 2014	\$ 10,544.55

Expenditure 2014

Frechette Award	\$2,000.00
Frechette Plaque	\$ 223.25
Regenerative Science Award	\$1,000.00
PG Student Research Fellowship	\$4,500.00
Account fees	\$ 34.00
Total expenditure 2014	\$ 7,757.25
Balance as of 12/31/14	\$46,971.18



93rd IADR General Session in Boston, MA – Quick View
IADR Prosthodontics Research Group

Wednesday	11-Mar-15	1:30 p.m.	3 p.m.	Frechette Award	Hynes Convention Center (CC)	Room 201
Thursday	12-Mar-15	7 a.m.	8 a.m.	Prosthodontics Research Group Executive Committee Meeting	Hynes Convention Center (CC)	Room 301
Thursday	12-Mar-15	5 p.m.	6 p.m.	Prosthodontics Research Group Business Meeting	Hynes Convention Center (CC)	Room 309
Thursday	12-Mar-15	6 p.m.	7:30 p.m.	Joint Reception: Implantology and Prosthodontics Research Groups	Hynes Convention Center (CC)	Room 204
