

**International Association for Dental Research  
Implantology Research Group (IRG) Business Meeting, San Diego  
March 17, 2011**

**Current Officers (2010-2011)**

President: (Abstract Reviewer)	Dr. Sang-Wan Shin (Korea)
President-Elect: (Program Chair; Abstract Reviewer)	Dr. Selim Pamuk (Turkey)
Vice-President: (Co-Program Chair; Symposium Coordinator; Abstract Reviewer; YIA Reviewer)	Dr. Joke Duyck (Belgium)
Immediate Past President (Councilor):	Dr. Ryuji Hosokawa (Japan)
Secretary:	Dr. John Mitchell (USA)
Treasurer:	Dr. John Mitchell (USA)
	Dr. Clark Stanford (USA)
IADR/AADR Councilor:	Dr. John Keller (USA)
Director-at-Large I (YIA Committee Chair; Abstract Reviewer):	Dr. Binnaz Leblebicioglu (USA)
Director-at-Large II (Lunch and Learning Coordinator):	Dr. Georgios E. Romanos (USA)
Director-at-Large III (Nominating Committee):	Dr. Asbjorn Jokstad (Canada)
Director-at-large IV (Newsletter/Website):	Dr. Seong Joo Heo (Korea)
Director-at-large V (Membership committee)	Dr. Yurdanur UÇar (Turkey)
Director-at-large VI	Dr. Kiyoshi Koyano (Japan)
	Dr. Yunzhi "Peter" Yang (USA)

Governance of the group: Officers rotate through the office duties over an eight-year period.  
Officer advancement takes place at the annual IADR meeting.

**2011 San Diego IRG AGENDA; Thursday March 17, 2011 (6:00 - 7:00 pm at CC-2)**

**Opening Remarks:** Dr Sang Wan Shin  
Approval of proposed agenda.

**1) Financial Report:** Drs Mitchell and Stanford  
 Amount of group dues per member \$11\* (\$15 pre-tax)  
 Fund balance as of last annual report \$35,651.19 (Washington AADR 3/2010)  
 Total Income \$3928 (for 2010)  
 Total Expenditures \$214.75 (for 2008)  
 Current Fund Balance \$39,364.44  
 \*Report: In 2010/2011 dues were \$11/regular member (\$1 tax increase from 2010)

**2) Membership Report:** Dr John Mitchell  
**Membership:** Membership has been gradually increasing since 2006.

Status	2006/2007	2007/2008	2008/2009	2009/2010	2010/2011
AADR Life Member	0	0	2	0	
AADR Member	89	78	69	71	
AADR Student	124	153	202	165	
IADR Life Member	2	3	1	1	
IADR Member	129	141	140	159	
IADR Student	82	184	165	231	

Total	426	559	627	727	
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**1.) 2010 IADR Council Meeting Report:**

Dr. Ryuji Hosokawa

**2.) 2011 San Diego Program Chair Report**

Drs. Dr. Selim Pamuk /Joke Duyck

At the 2010 IADR meeting, the IRG cosponsored two symposia, two L&L sessions and two keynote addresses. The IRG sequenced 10 Oral Sessions and 15 poster (including one poster discussion) sessions. By comparison, the 2009 Miami IADR meeting had 6 Oral Sessions and 7 Poster sessions. The number of IRG-handled papers are almost twice as much as previous meeting. There were 56 oral papers accepted but 1 withdraw (1.8 % withdrawal rate), whereas 257 poster presentations were accepted but 18 withdraws (7 % withdrawal rate).

**4.) San Diego Symposium Report**

Dr. Joke Duyck

3 symposium proposals were submitted by Joke Duyck:

1. NANO-TEXTURED IMPLANT SURFACES

Group(s): Implantology Research, Oral & Maxillofacial Surgery, Prosthodontics Research

Description: This symposium will bring together experts in the field of oral implants, material science, and bone biology with a particular emphasis on optimization of implant surfaces to accelerate initiation and ensure maintenance of implant integration. Despite successful clinical results with oral implants, it still remains a challenge to have a predictable implant prognosis in compromised bone conditions, to have a fast enough bone apposition during implant healing to allow more predictable immediate implant loading, and to prevent loss of integration over time. These challenges require optimization of implant therapy and more specific of the implant surfaces. The aim of this symposium is to present and discuss available information on nano-textured surfaces and to get an idea on where this field of research is heading.

Alternate Chairs: Lyndon Cooper, Clark Stanford

Speakers: L. MEIRELLES, L. COOPER, D. BRUNETTE, J.A. JANSEN.

2. EVIDENCE-BASED IMPLANT DENTISTRY AND PERIODONTAL CONSIDERATIONS

(already submitted last year)

Group(s): Implantology Research, Periodontal Research, Prosthodontics Research

Description: Replacement of natural dentition with endosseous implants has gained significant attention and acceptance in clinical dentistry over the last several decades. Scientific research has traditionally focused on various materials, surface characteristics, shapes, and success as a function of mostly mechanical specifications of dental implants. Esthetic considerations of restorations have also been the area of intensive research. These studies have advanced the field to almost a consensus on the mechanics and the guidelines for esthetics. However, there is still a considerable debate on when to replace teeth with implants. Understanding the healing dynamics before and after the implant placements in various scenarios in clinical dentistry is crucial. The focus of this jointly-sponsored symposium by the Implantology and Periodontal Research Groups of the IADR is to review the scientific evidence for success for dental implants and discuss the biological considerations of healing and regeneration. Four researchers will present during this symposium: Dr. Nikos Donos (Eastman Dental Institute, UK) will discuss the evidence and factors for success focused on bone regeneration around implants. Dr. Ivan Darby (University of

Melbourne, Australia) will present the current evidence for immediate implant placement and healing. Dr. Andreas Stavropoulos (Department of Periodontology, University of Aarhus, Denmark) will address the issue of 'Implants in Periodontitis patients'. Dr. Joerg Meyle (University of Giessen, Germany) will discuss the factors for success and failure in patients with periodontitis. The session will be chaired by Dr. Selim Pamuk (University of Istanbul, Turkey) and by Dr. Anton Sculean (Bern, Switzerland).

Alternate Chairs: Anton Sculean, Selim Pamuk

Speakers: N. DONOS, I. DARBY, J. MEYLE, A. STAVROPOULOS

### 3. UNDERSTANDING PERI-IMPLANT BONE HEALING AND TISSUE RESPONSE TO LOADING

Group(s): Implantology Research, Prosthodontics Research

Description: Clinical success of oral implants depends on the establishment and maintenance of osseointegration. Over decades, implants were left to heal undisturbed for a period of 3 to 6 months to allow osseointegration after which they were functionally loaded. The optimization of implant therapy lead to a shift from unloaded healing to immediate functional loading of the implants after implantation. Although mechanical implant loading has the potential to stimulate bone healing and implant integration, the latter events can also be threatened by inappropriate loading or excessive interfacial micro-motion. This symposium will provide insight in the current knowledge on the impact of mechanical loading on peri-implant bone healing and bone adaptation on a cellular and tissue level. This information will be discussed and interpreted in a clinical context.

Alternate Chairs: Joke Duyck, Georgios Romanos

Speakers: J.A. DUYCK, K. VANDAMME, J. BRUNSKI, G. ROMANOS.

Only the 2<sup>nd</sup> proposal was accepted:

Session Title: Evidence-based Implant Dentistry and Periodontal Considerations

Presentation

Date: Saturday, March 19, 2011

Session Time: 10:45 a.m.

San Diego Convention Center: Room 7AB

This symposium was selected for audio recording for future webcasting.

IADR/AADR/CADR intends to offer continuing education credit opportunities via the ADA CERP program to those who purchase the 2011 IADR/AADR/CADR General Session Select Featured Presentations package.

The presenters were asked to give permission to record the symposium and to provide 5-7 substantive questions/answers for each symposium in order to be compliant with the ADA guidelines. These evaluation questions were asked to be in multiple choice format about the symposium content.

#### **5.) San Diego Lunch and Learning Report:**

Dr. Georgios E. Romanos

Two L&L sessions were/will be provided.

#### **#1. Thursday, July 15, 2010: 1:15 p.m.-2:30 p.m. Location: Banquet Hall (CCIB)**

**Current Trends on Endosseous Implant Bulk and Surface Design**

**P.G. COELHO**, New York University, New York, NY

**Description:** Substantial disagreement related to implant designs and biological responses exists. This presentation discusses several aspects of short- and long-term osseointegration in relation to surgical techniques, implant designs and surface treatment. Current trends like nanotechnology and biomechanical stimulation and, the resulting bone morphology and mechanical property will be reviewed.

**#2 Friday, July 16, 2010: 1:15 p.m.-2:30 p.m. Location: Banquet Hall (CCIB)**

**The Effects of Time-to-loading of Implants on Treatment Outcomes**

**A. JOKSTAD**, University of Toronto, Toronto, ON, Canada

**Description:** The effects of time-to-loading of implants on treatment outcomes remain controversial. This controversy is partly caused by the lack of solid data from appropriately designed and executed clinical trials. The speaker will discuss the validity of existing clinical studies and review the methodology required for experimental clinical trials.

## **6.) Awards Report**

Drs. Duyck/Pamuk/Leblebicioglu

There were 29 applications for the 2010 Student Research Young Investigator award.

The award winners were:

1st Place: T. Ogawa et al.

\$1500 USD

“Whole Body Vibration Loading on Peri-implant bone healing” Katholieke University, Leuven, Belgium:

2nd Place: H. Rojbani et al.

\$500 USD

“Osteoconductivity of Alfa, Beta TCP and HA” Tokyo Medical & Dental University, Japan:

3rd Place: S. Rungsiyanont et al.

\$250 USD

“Biocompatibility Evaluation of Gelatin-HA Cross linked Scaffold for Tissue Engineering”

Srinakharinwirote University, Bangkok, Thailand:

There was no application for the 2010 IRG Student Research Fellowship Award. The Fellowship award will be for \$5000 and is planned for a receipt date of January of each year correlated with the typical AADR student research award receipt dates.

## **7.) Website Development Report**

Dr. Asbjorn Jokstad

The official website of the Implantology Research Group, <http://www.iadr.org/implantology> was launched in January 2009. We hope that the website presents information that may be helpful for all our group members. The website continuously needs to be updated and filled with information.

## **8.) Unfinished Business**

**Nomination of candidates for Director-at-large VI (2011-2012)**

Dr. Sang-Wan Shin

## **9.) New Business**

**AO (Academy of Osseointegration)-IADR research grant**

Dr. Clark Stanford

**Matters arising from the floor**

## **10.) Adjournment**

Dr. Sang-Wan Shin

**Joint Implant Research Group/Prosthodontic Research Group Reception (sponsored by Panasonic) will held in the CC-11B Room 115 starting at 6:00 to 7:30 PM on Thursday March17, 2011. All members are welcome!!!**