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IAP | **16TH INTERNATIONAL CONGRESS OF PERIODONTOLOGY**
2017 | **OF THE INTERNATIONAL ACADEMY OF PERIODONTOLOGY**

27 - 29 April 2017 | Braşov, Romania

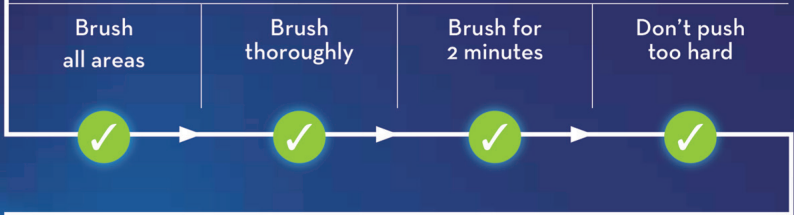




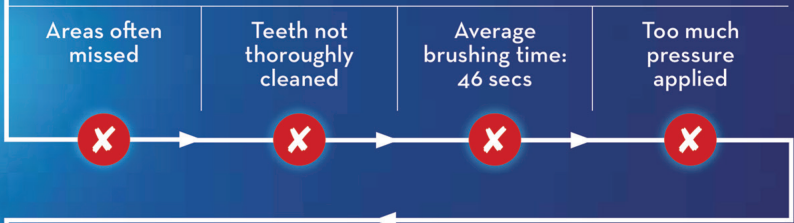
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Welcome!

Dear colleagues!

We are pleased to welcome you to the 16th International Biennial Congress of the International Academy of Periodontology (IAP) between April 27 and 29, 2017. We are honored to have the privilege to organize this outstanding scientific event, which will take place in Brasov in the heart of Romania.

The International Academy of Periodontology (IAP) was founded in 1985 to globally promote scientific developments and information from the field of Periodontology by creating and consolidating international cooperations with national and international periodontal societies and research groups. The mission of the IAP is to spread the research and clinical practice of periodontology across the globe and among other dental and medical fields. Through this mission, the IAP creates and coordinates outstanding presentations during its biennial scientific meetings, bringing the experts together with the local and regional leaders and trainees of periodontology. IAP promotes international exchanges between nations in order to contribute to the advancement of periodontal health globally. The academy disseminates by means of publications and educational meetings theories and new scientific and clinical developments in periodontology.

Every two years, the IAP organizes an international congress. For the first time, in 2017, this congress will be held in Romania, offering a program with worldwide renowned speakers in the fields of Periodontology and Implantology. State of the art lectures focusing on clinically relevant aspects related to the etiology, diagnosis, biology, histology, oral microbiology and therapy will provide the participants with predictable, evidence based treatment concepts for the management of periodontal and peri-implant conditions.

The congress also includes a pre-congress symposium focusing on important clinical aspects in ortho-perio cases and two pre-congress workshops including theoretical aspects and practical exercises on innovative surgical techniques in the fields of regenerative and plastic-aesthetic periodontal surgery.

All participants will have the opportunity to present their research in the field of periodontology/implantology in form of posters. Undergraduate and post-graduate students are encouraged to participate to a poster competition.

Welcome!

The Congress will be held in Brasov, in Transylvania, in the centre of Romania surrounded by the Southern Carpathians. This world famous UNESCO World Heritage site, with German and AustroHungarian influences, offers a cozy atmosphere and attractive historical sight-seeing points.

We are looking forward to welcome you at this scientific event in the wonderful city of Brasov!

Congress Presidents:

Anton SCULEAN
Forsyth Institute, Boston, USA



Alpdogan KANTARCI
University of Bern, Switzerland



Local organizing committee chair:

Raluca COSGAREA
University of Cluj-Napoca, Romania



Program at a glance

Pre-congress Program - Thursday April 27th, 2017

08:30-12:00	Hands-on Workshop Giovanni ZUCCHELLI	Drucker Room (3rd floor)
08:30-12:00	Hands-on Workshop Giulio RASPERINI	Al Ries Room (3rd floor)
08:30-12:00	Theoretical Workshop	Banqueting Room (2nd floor)
13:00-18:00	Pre-congress Symposium	Banqueting Room (2nd floor)
19:00-20:00	Welcome reception	Ceremonies 1 Room (2nd floor)

Congress Program - Friday April 28th, 2017 - Ceremonies 1 Room

08:30-09:00	Opening ceremony
09:00-12:30	Session 1 - Periodontal Disease-Pathogenesis and Systemic Diseases
12:30-14:00	Lunch
14:00-15:30	Session 2 - Periodontitis and Systemic Diseases
16:15-17:45	Session 3 - Periodontal Treatment (Non-surgical Treatment)
20:00-02:00	Congress Dinner <i>Tickets and further information are available at the registration desk</i>

Congress Program - Saturday April 29th, 2017 - Ceremonies 1 Room

08:30-12:00	Session 4 - Periodontal Regeneration and Plastic-Esthetic Surgery
12:00-13:30	Lunch
13:30-17:00	Session 5 - Peri-implantitis and Its Treatment
17:00-18:00	Session 6 - Keynote Lecture
18:00	Closing Ceremony

Pre-congress program

Thursday April 27th, 2017

Pre-congress Hands-On Courses

08:30-12:00 **Giulio RASPERINI:** "Regenerative periodontal therapy"
Al Ries Room

08:30-12:00 **Giovanni ZUCHELLI:** "Mucogingival esthetic surgery"
Drucker Room

08:30-12:00 **Theoretical Workshop:** "Photodynamic Therapy in the Treatment of Periodontitis and Peri-implantitis and Innovations in Implantology"

Speakers: Alpdogan KANTARCI
Florian OBĂDAN
Anton SCULEAN

Banqueting Room

13:00-18:00 **Pre-congress Symposium:**
"The Perio-Ortho Connection"

Moderator: Lior SHAPIRA

Speakers: Vincenzo IORIO-SICILIANO
Alpdogan KANTARCI
Christos KATSAROS
Mariana PĂCURAR
Andreas STAVROPOULOS
Anton SCULEAN
Friedrich WIDU

Banqueting Room

19:00-20:00 **Welcome reception**
Ceremonies 1 Room

Congress program

Friday April 28th, 2017

Ceremonies 1 Room

08:30-09:00 **Opening Ceremony**

Remarks by the IAP President Ajay KAKAR

Session 1: **Periodontal Disease-Pathogenesis and Systemic Diseases**
Thomas Van DYKE (Moderator)

09:00-09:45 **George HAJISHENGALLIS - "Dysbiosis and Microbial Etiopathogenesis of Periodontal Disease"**

09:45-10:30 **Alpdogan KANTARCI - "Host-Associated Factors in Periodontal Disease Pathogenesis"**

10:30-11:00 **Coffee break and poster viewing**

11:00-11:45 **Ricardo TELES - "Biomarkers of Periodontal Disease Progression"**

11:45-12:30 **Jörg MEYLE - "Early Forms of Periodontal Diseases: Etiology, Pathogenesis and Therapy"**

12:30-14:00 **Lunch**

Session 2: **Periodontitis and Systemic Diseases**
Aswatha KUMARSWAMY (Moderator)

14:00-14:45 **Steven OFFENBACHER - "Periodontitis and Systemic Diseases: What is the Clinical Relevance?"**

14:45-15:30 **Phoebus MADIANOS - "Periodontitis and Cardiovascular Disease-potential Links and Patient Management"**

15:30-16:15 **Coffee break and poster viewing**

Session 3: **Periodontal Treatment (Non-surgical Treatment)**
Alpdogan KANTARCI (Moderator)

16:15-17:00 **Raluca COSGAREA - "Non-surgical Periodontal Therapy: Update and New Developments"**

17:00-17:45 **Magda FERES - "Protocols of use of Metronidazole and Amoxicillin in the periodontal treatment"**

20:00 **Congress Dinner**

Tickets and further information are available at the registration desk.

Congress program

Saturday April 29th, 2017

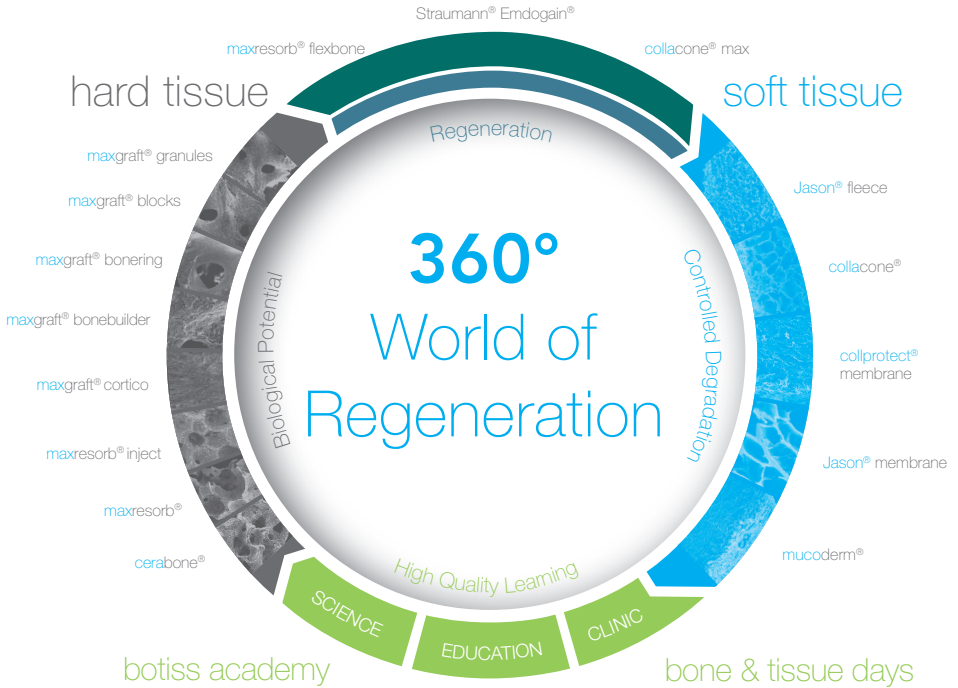
Ceremonies 1 Room

- Session 4:** **Periodontal Regeneration and Plastic-Esthetic Surgery**
Lijian JIN (Moderator)
- 08:30-09:15** **Giovanni ZUCHELLI** - "Treatment of Esthetic Failure around Dental Implants"
- 09:15-10:00** **Mark BARTOLD** - "Periodontal Regeneration: Biological Background and Clinical Perspectives"
- 10:00-10:30** **Coffee break and poster viewing**
- 10:30-11:15** **Stefan STRATUL** - "Conventional Periodontal Surgery: State of the Art"
- 11:15-12:00** **Andreas STAVROPOULOS** - "Bone Regeneration - Biological Background and Clinical Applications"
- 12:00-13:30** **Lunch**
- Session 5:** **Peri-implantitis and Its Treatment:**
Ahmed GAMAL (Moderator)
- 13:30-14:15** **Giulio RASPERINI** - "Clinical Concepts in Regenerative Periodontal Therapy"
- 14:15-15:00** **Anton SCULEAN** - "The Bernese Concept for the Treatment of Single and Multiple Recessions"
- 15:00-15:30** **Coffee break**
- 15:30-16:15** **Giovanni SALVI** - "Peri-implantitis, Etiology, Pathogenesis and Diagnosis"
- 16:15-17:00** **Jamil SHIBLI** - "Clinical Concepts for the Treatment of Peri-implantitis"
- Session 6:** **Keynote Lecture**
Ajay KAKAR and Magda FERES (Moderators)
- 17:00-18:00** **Niklaus P. LANG** - "Teeth or Dental Implants"
- 18:00** **Closing Remarks and Poster Awards Ceremony**
Ajay KAKAR and Magda FERES

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Poster session

BASIC SCIENCE

Place: Ceremonies 1 Room

P1. EXPRESSION OF NEPRILYSIN IN PERIODONTITIS-AFFECTED GINGIVAL TISSUES

Arata Nezu¹, Takehiko Kubota², Satoshi Maruyama¹, Masaki Nagata¹, Makoto Horimizu^{1,2}, Kaname Nohno¹, Takahiro Hokari¹, Toshiya Morozumi^{1,2}, Hiromasa Yoshie^{1,2}

¹ Niigata University Graduate School, Niigata, Japan

^{1,2} Niigata University of Medical and Dental Hospital, Niigata, Japan

P2. SYNERGISTIC EFFECTS OF THE COMBINED USE OF HUMAN CULTURED PERIOSTEAL SHEETS AND PLATELET-RICH FIBRIN ON BONE REGENERATION

Makoto Horimizu, Takehiko Kubota, Tomoyuki Kawase, Masaki Nagata, Mito Kobayashi, Kazuhiro Okuda, Koh Nakata, Hiromasa Yoshie

Niigata University, Niigata, Japan

P3. HYDROXYAPATITE CRYSTAL PARTICLES INDUCE CELL DEATH IN THE HSC-2 ORAL EPITHELIAL CELL LINE

Ziauddin SM¹, Atsutoshi Yoshimura¹, Jorge Luis Montenegro Raudales¹, Yukio Ozaki¹, Takashi Kaneko², Kanako Higuchi¹, Chiaki Shiraishi¹, Akiko Kuramoto¹, Yuzo Takamori¹, Yasunori Yamashita¹, Hiroki Kobayashi¹, Takashi Ukai¹, Yoshitaka Hara¹

¹ Nagasaki University Graduate School of Biomedical Sciences, Japan

² Center for Oral Diseases, Fukuoka Dental College

P4. PHOTOBIO-MODULATION REGULATES HUMAN ENDOTHELIAL CELL FUNCTION

Ferda Pamuk¹, Danielle Stephens¹, Daniel Nguyen¹, Reila Tainá Mendes^{1,2}, Asya Eminkahyagil^{1,3}, Alpdogan Kantarci¹

¹ Forsyth Institute, 245 First Street, Cambridge, MA 02142, USA

² Ponta Grossa State University, 4748 General Carlos Cavalcanti Avenue, Ponta Grossa, BRAZIL

³ The American International School of Muscat, OMAN

P5. THE METHOD OF THE PERIODONTAL DISEASE PATIENTS DISPENSARY OBSERVATION FREQUENCY DETERMINING BY THE FORMALIZED MODEL USING

Oksana Shekera

O. Bogomolets National Medical University, Kyiv, Ukraine

Poster session

P6. BRONJ IN OVARECTOMIZED FEMALE WISTAR RATS - RADIOLOGICAL IMPLICATIONS

Adela Cristina Lazar, Sorin George Andreica, Robert Purdoi, Radu Lacatus, Pacurar Mariana, Radu Septimiu Campean
"Iuliu Hatieganu" UMF, Cluj-Napoca, Romania

P7. A NOVEL CELLVIZIO TECHNOLOGY AS A DIAGNOSTIC TOOL IN PERIODONTAL DISEASE IN A NON-INVASIVE MANNER

Alexandru Movila¹, Karim El Kholi^{1,2}, Sanvritti Manjrekar¹, Montserrat Ruiz Torruella¹

¹ The Forsyth Institute, Cambridge, MA, USA

² Harvard University Dental Medical School, Boston, MA, USA

P8. ASSOCIATION OF VITAMIN D-RECEPTOR GENE POLYMORPHISMS WITH CHRONIC PERIODONTITIS IN A POPULATION IN WESTERN ROMANIA

Diana Marian

"Vasile Goldis" University, Arad, Romania

CLINICAL SCIENCE

Place: Ceremonies 1 Room

P9. CLINICAL AND CBCT EVALUATION OF PERFORATED VERSUS OCCLUSIVE RESORBABLE BARRIER MEMBRANES FOR IN LOCALIZED HORIZONTAL ALVEOLAR BONE DEFECTS

Fady Genedy¹, Ahmed Gamal²

¹ Misr International University, Cairo, Egypt

² Ain Shams University, Cairo, Egypt

P10. EFFECTIVENESS OF PERIODONTAL REGENERATIVE THERAPY USING ENAMEL MATRIX DERIVATIVE, DEPROTEINISED BOVINE BONE MINERAL WITH OR WITHOUT COLLAGEN MEMBRANE

Takehiko Kubota¹, Yasuko Nemoto², Kaname Nohno¹, Toshiya Morozumi¹, Makoto Horimizu¹, Hiromasa Yoshie¹

¹ Niigata University Medical And Dental Hospital, Niigata, Japan

² Omote-Sando Dental Clinic, Tokyo, Japan

P11. THE EFFECTS OF THE ND-YAG LASER IN ADDITION TO CONVENTIONAL PERIODONTAL THERAPY IN AGGRESSIVE PERIODONTITIS

Necla Asli Kocak¹, Emin Altiti², Guven Kulekci³, Aslan Yasar Gokbuget⁴

¹ Istanbul University, Faculty of Dentistry, Periodontology, Istanbul, Turkey

² Private Clinic, Periodontology, Istanbul, Adapazari

³ Istanbul University, Faculty of Dentistry, Microbiology, Istanbul, Turkey

⁴ Private Clinic, Periodontology, Istanbul

P12. CLINICAL APPLICATIONS OF CONCENTRATED GROWTH FACTORS ENRICHED BONE GRAFT MATRIX (STICKY BONE) IN DENTISTRY

Soulafa Belal¹, Ahmed Ayoub²

¹ Ministry Of Health of Egypt, Tanta, Egypt

² Free work, Alexandria, Egypt

P13. EVALUATION OF THE GINGIVAL INFLAMMATION IN PREGNANCY AND POSTPARTUM VIA 25-HYDROXY-VITAMIN D3, PROSTAGLANDIN E2 AND TNF- α LEVELS IN SALIVA

Pinar Gümüş¹, Veli Özgen Öztürk², Gülnur Emingil¹

¹ Ege University, Izmir, Turkey

² Adnan Menderes University, Aydin, Turkey

P14. INTERMITTENT ADMINISTRATION OF PARATHYROID HORMONE IN RAT CRANIAL BONE DEFECTS

Toshiaki Shibusani, Mao Mizuno, Keiichi Kanayama, Keisuke Mukai, Morinaga Hirotsugu
Asahi University, Mizuho, Gifu, Japan

P15. PAPILLA RECONSTRUCTION FOLLOWING PERIODONTAL AND ORTHODONTIC TREATMENT

Maria Harceaga, Alexandra Stanciu

Private Practice, Cluj-Napoca, Romania

P16. MAXILLARY TUBEROSITY FOR SOFT TISSUE AUGMENTATION IN IMMEDIATE IMPLANTATION: CASE SERIES

Sive Ercan, Nejat Nizam, Ahmet Tunc Ilgeli

Ege University, Izmir, Turkey

P17. THE ROLE OF THE ANTIMICROBIAL PHOTODYNAMIC THERAPY IN THE TREATMENT OF CHRONIC PERIODONTITIS

Alina Ormenisan, Adina Cosarca, Daniel Szava, Beresescu Gabriela

UMF Targu-Mures, Targu-Mures, Romania

P18. CLINICAL, IMMUNOLOGICAL AND MICROBIOLOGICAL EVALUATION AFTER PERIODONTAL THERAPY IN PATIENTS WITH AND WITHOUT RHEUMATOID ARTHRITIS

Roxana Elena Tristiu¹, Anton Sculean², Raluca Bianca Dumitru¹, Nicole Birgit Arweiler³,
Simona Rednic¹, Cristina Ioana Sirbu⁴, Liana Lascu¹, Sigrun Eick², Raluca Cosgarea^{1,3}

¹ University of Medicine and Pharmacy Iuliu Hatieganu, Cluj-Napoca, Romania

² University of Bern, Switzerland

³ Department of Periodontology, Philipps University, Marburg, Germany

⁴ Faculty of Economical Sciences, University Babes Bolyai,

Cluj-Napoca, Romania

Poster session

P19. DIODE LASER ASSISTED TREATMENT OF GINGIVAL OVERGROWTH ON A PATIENT WITH FIXED ORTHODONTIC APPLIANCE

Melania Cojocaru¹, Daniela Costea², Dorin Gheorghe², Dora Popescu¹

¹ UMF Craiova, Craiova, Romania

² Clinical Emergency County Hospital, Craiova, Romania

P20. NANOLASER TECHNOLOGY FOR TREATMENT OF DENTINE HYPERSENSITIVITY

Adriana Barylyak, Myron Uhryn

Lviv National Medical University, Lviv, Ukraine

P21. PERIODONTAL MANAGEMENT OF BIOLOGICAL WIDTH INVASION- A CASE REPORT

Darius Tomina^{1,2}, Cristian Dinu^{1,2}, Cristina Dinu¹, Adrian Petruțiu¹

¹ "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania

² MedArtisDent Clinic, Cluj-Napoca

P22. SALIVARY LEVELS OF ASPARTATE AMINOTRANSFERASE IN PATIENTS WITH INITIAL PERIODONTAL LESIONS

Tatiana Porosencova, Egor Porosencov, Valeriu Burlacu, Valentin Gudumac, Diana Uncuta

SUMF "Nicolae Testemitanu", Chisinau, Republic of Moldova

P23. EFFECT OF SERUM 25(OH)D LEVELS IN PATIENTS WITH CHRONIC PERIODONTITIS AND WELL-CONTROLLED TYPE-2 DIABETES MELLITUS

Gülnehal Eren, Oya Türkoğlu, Şevki Çetinkalp, Harika Atmaca, Gül Atilla

Ege University, Izmir, Turkey

P24. THE EFFECT OF SMOKING ON GCF CYPA LEVELS IN PATIENTS WITH CHRONIC PERIODONTITIS

Gülnehal Eren, Oya Türkoğlu, Harika Atmaca, Gül Atilla

Ege University, Izmir, Turkey

P25. AGGRESSIVE PERIODONTITIS: MICROBIAL DIAGNOSIS AND EVALUATION OF PERIODONTAL THERAPY EFFICIENCY

Silvia Teslaru

"Grigore T. Popa" University of Medicine and Pharmacy, Iasi, Romania

P26. AGGRESSIVE AND CHRONIC PERIODONTITIS: A COMPARED BACTERIAL SUBGINGIVAL PROFILE

Cornelia Oanță, Liviu Zetu, Silvia Teslaru, Silvia Mârțu

"Grigore T. Popa" University of Medicine and Pharmacy, Iasi, Romania

P27. IMPLANT PLACEMENT IN AESTHETIC ZONE USING AN AUTOGENOUS BONE GRAFT FROM A RETROMOLAR SITE

Mario Kruczan, Graça F. Nelson
Private Office, Rio De Janeiro, Brazil

P28. THE DETERMINATION OF PREVALANCE OF HELICOBACTER PYLORI IN SUBGINGIVAL PLAQUE AT DIFFERENT PERIODONTAL DISEASE GROUPS

Gülbahar Ustaoglu¹, Esra Ercan², Bilge Cansu Uzun³, Meltem Zihni Korkmaz⁴,
Celal Kurtuluş Buruk²

¹ Abant İzzet Baysal University Faculty Of Dentistry, Bolu, Turkey

² Karadeniz Technical University, Trabzon, Turkey

³ Private Practice, Istanbul, Turkey

⁴ Recep Tayyip Erdoğan University, Rize, Turkey

P29. A RARE COMPLICATION ABOUT MEDULLARY SPACE IN MANDIBULA DURING IMPLANT PLACEMENT

Ebru Saglam¹, Recep Orbak²

¹ Bezmialem University, Istanbul, Turkey

² Ataturk University, Erzurum, Turkey

P30. SOFT TISSUE REGENERATION AROUND RESORBED SOCKETS AFTER TOOTH EXTRACTION

Aysegul Sari, Mesut Tuzlali

Mustafa Kemal University, Hatay, Turkey

P31. CONNECTIVE TISSUE GRAFTING TO AUGMENT ATTACHED GINGIVA AROUND ANTERIOR IMPLANT: SIX MONTHS FOLLOW-UP

Mehmet Cihan Şengün

Abant İzzet Baysal University, Bolu, Turkey

P32. DENTAL LASERS - A GAME CHANGER IN PERIODONTAL PLASTIC SURGERY

Chemal Olgun, Dumitru Ovidiu, Ali Ande Deria

Implantodont Romania, Constanta, Romania

P33. TITANIUM PLATELET RICH FIBRIN (T-PRF) IN TREATMENT OF A SEVERE PERIO-ENDO LESION: A CASE REPORT

Emine Cansu Genç¹, Gülbahar Ustaoglu², Esra Ercan¹, Mustafa Tunalı³

¹ Karadeniz Technical University, Trabzon, Turkey

² Abant İzzet Baysal University, Bolu, Turkey

³ Bezmi Alem Vakıf University, İstanbul, Turkey

Poster session

P34. IS BEING AN ELITE SOCCER PLAYER POSSIBLE TO IMPROVE ORAL HEALTH STATUS IN ADOLESCENTS?

Esra Ercan, Tamer Tüzüner, Özgül Baygın, Bilge Cansu Uzun
Karadeniz Technical University, Trabzon, Turkey

P35. INTENTIONAL REPLANTATION: A PROMISING APPROACH FOR HOPELESS TOOTH: A CASE REPORT

Meraci Bilge¹, Gunpinar Sadiye¹, Paksoy Tugce², Onal Deniz¹
¹ Abant Izzet Baysal University, Bolu, Turkey
² Beykent University, Istanbul, Turkey

P36. IMPORTANCE OF CREATING A PHYSIOLOGICAL VESTIBULE SULCUS WITH FREE GINGIVAL GRAFT: A CASE REPORT

Gumus Kerem Caglar, Yildiz Mehmet Selim, Sengun Mehmet Cihan
AIBU Department of Periodontology, Bolu, Turkey

P37. USE OF PRF WITH PERIODONTAL SURGERY IN THE TREATMENT OF PERIODONTAL DEFECT: A CASE REPORT

Tuğba Zengin Çelik, Ali Şirali
Bezmi Alem Vakıf University, Istanbul, Turkey

P38. NON-VITAL TOOTH CONTAINING ENDO-PERIO-LESION IN A YOUNGER PATIENT: A CASE REPORT

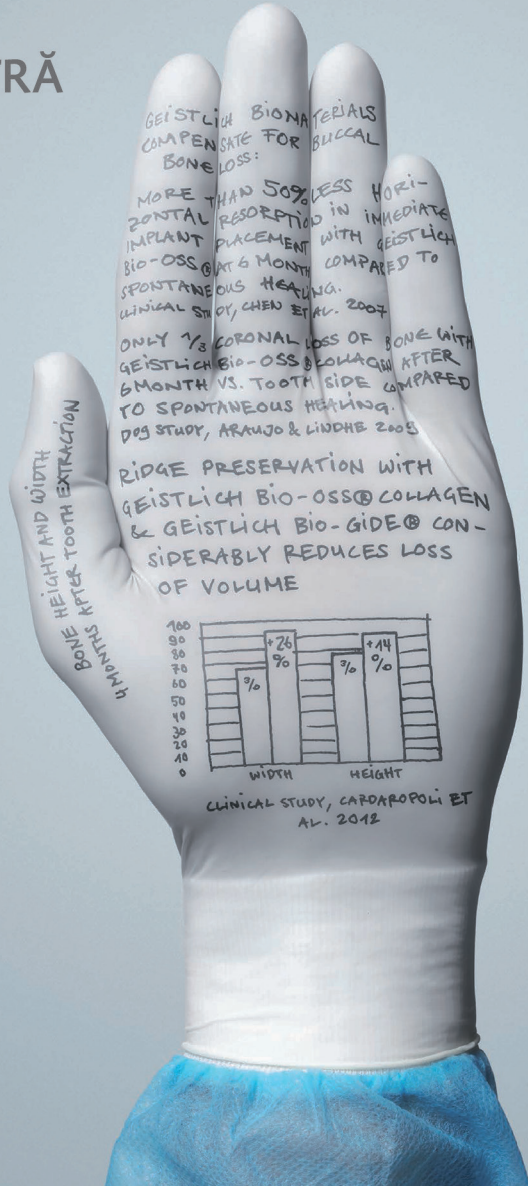
Zeliha Betül Özsağır, Ebru Sağlam, Ufuk Sezer, Kenan Nazaroğlu
Bezmi Alem University, Istanbul, Turkey

P39. EFFECT OF CYCLOSPORINE-A ON HUMAN GINGIVAL FIBROBLASTS PERIOSTIN AND TRANSFORMING GROWTH FACTOR-BETA EXPRESSION

Sema Becerik¹, Gülnihal Eren¹, Emin İlker Medine², Özge Kozguş Güldü², Perihan Ünak, Gül Atilla¹
¹ Ege University, Faculty of Dentistry, Department of Periodontology, Izmir, Turkey
² Ege University, Nuclear Science Institute, Department of Nuclear Sciences, Nuclear Applications, Izmir, Turkey

REFERINȚA TA NR. 1 LA NIVEL MONDIAL

TOATĂ ȘTIINȚA NOASTRĂ
ÎN MÂINILE TALE



Lecture abstracts

PRE-CONGRESS HANDS-ON COURSES

I. MUCOGINGIVAL ESTHETIC SURGERY

Giovanni Zucchelli - Department of Periodontology, University of Bologna, Italy

Treatment of gingival recession has become an important therapeutic issue due to the increasing number of cosmetic request from patients. Patients aesthetic demand, due to the exposure, during smiling or function, of portions of the root surface, is the main indication for root coverage surgical procedures. Very often the most coronal millimeter/s of the root exposure is the only visible part of the recession when smiling, therefore the presence and/or the persistence after therapy, even of a shallow recession may be an aesthetic problem for the patient. Thus, complete root coverage, up to the cemento-enamel junction, is the goal to be achieved when patient complains about the aesthetic appearance of his/her teeth. New knowledge in soft tissue surgical management permits to achieve esthetic coverage in gingival recession with minimally invasive connective tissue grafts.

II. REGENERATIVE PERIODONTAL THERAPY

Giulio Rasperini - Department of Periodontology, University of Milano, Italy

The ultimate Surgical techniques for periodontal Regeneration will be analyzed during the presentation. Each technique as well as the decision making in different clinical scenario, will be shown explained and reproduced by the participants with hands on exercise on simulators.

III. THEORETICAL WORKSHOP: PHOTODYNAMIC THERAPY IN THE TREATMENT OF PERIODONTAL AND PERI-IMPLANT INFECTIONS

Alpdogan Kantarci Department of Periodontology, Forsyth Institute, Boston, USA

Anton Sculean Department of Periodontology, University of Bern, Switzerland

Florian Obadan Private Practice, Alexandria, Romania

Recent data have suggested a potential benefit of using antimicrobial photodynamic therapy (PDT) in the treatment of periodontitis and peri-implantitis. At present, there are still limited data from well designed preclinical (animal) and controlled clinical trials evaluating the possible benefits of PDT in the treatment of periodontal and peri-implant infections. Therefore, it is the aim of this lecture to give a critical overview on the available evidence on the use of PDT in the treatment of periodontal and peri-implant infections. The available data from preclinical and randomized controlled clinical studies indicate that the use of PDT may result in a significant reduction of periodontal inflammation and

improved wound healing. Results from randomized controlled clinical studies indicate that, in certain situations, PDT may represent a valuable alternative for local antibiotics in patients enrolled in maintenance program showing incipient peri-implantitis. In patients with generalized aggressive periodontitis, nonsurgical periodontal therapy followed by systemic administration of Amoxicillin and Metronidazole or application of PDT resulted in significant clinical improvements compared to baseline, but the systemic administration of antibiotics resulted in significantly higher improvements in terms of probing depth reduction (i.e. less number of pockets < 6mm) compared to the application of PDT. Based on the available evidence, conclusions will be drawn on the potential clinical benefits of using PDT in the treatment of periodontal and peri-implant infections.

Pre-Congress Symposium:

THE PERIO-ORTHO CONNECTION

*Vincenzo Iorio-Siciliano
Alpdogan Kantarci
Christos Katsaros*

*Department of Periodontology, University of Catanzaro, Italy
Department of Periodontology, Forsyth Institute, Boston, USA
Department of Orthodontics and Dentofacial Orthopedics,
University of Bern, Switzerland*

Mariana Păcurar

*Department of Orthodontics,
University of Targu-Mures, Romania*

*Anton Sculean
Andreas Stavropoulos
Friedrich Widu*

*Department of Periodontology, University of Bern, Switzerland
Department of Periodontology, University of Malmö, Sweden
Department of Orthodontics, University of Aachen, Germany*

There is a strong connection between the periodontal health and orthodontic treatment. Biomechanical forces applied during orthodontic tooth movement create a direct impact on not only the alveolar bone, but also on all periodontal tissues. Orthodontic tooth movement may support periodontal health through adaptation of alveolar bone and gingival tissues but can also worsen periodontal health in presence of active periodontal disease or under unfavorable anatomical conditions. Understanding the physiology and pathology of the periodontium during orthodontic treatment is critical for development of novel therapeutic approaches based on biological concepts. This symposium is designed to discuss the perio/ortho interrelation as a physiological inflammatory event, how biological mechanisms underlie accelerated orthodontic movement, new technologies and approaches in accelerated orthodontics, the relation between orthodontic treatment and development of gingival recessions, and orthodontic therapy in patients with reduced periodontium due to history of periodontal disease. The interdisciplinary collaboration between the periodontist and orthodontist is a growing field for children and teenagers as well adults who increasingly demand orthodontic treatment.

CONGRESS PROGRAM

1. DYSBIOSIS AND ETIOPATHOGENESIS OF PERIODONTAL DISEASE

*George Hajjshengallis - Department of Microbiology,
University of Pennsylvania, Philadelphia, USA*

Recent human microbiome analyses and animal model-based mechanistic studies collectively suggest that the pathogenesis of periodontitis is not mediated by a select few bacteria (traditionally known as 'periopathogens') but rather involves polymicrobial synergy and dysbiosis. The dysbiosis of the periodontal microbiota represents an alteration in the relative abundance of individual members of the polymicrobial community (relative to their abundance in health) leading to dysregulated host-microbial interactions that mediate destructive inflammation and bone loss. Although necessary, the bacteria are not sufficient to cause periodontitis, as it is the host inflammatory response to this polymicrobial challenge that inflicts damage to the periodontium in individuals who are susceptible through genetic and/or environmental modifying factors. It is now well appreciated that the control of periodontal inflammation can indirectly exert antimicrobial effects. This is because periodontitis-associated bacteria, traditionally referred to as 'periopathogens', thrive in an inflammatory environment. Indeed, the release into the gingival crevicular fluid of inflammatory breakdown products of connective tissue favors the outgrowth of certain species (e.g., proteolytic and asaccharolytic) that can benefit from these microenvironmental alterations. In other words, an initial inflammatory response (e.g., due to incipient dysbiosis associated with poor oral hygiene) may select for those bacteria that can give rise to full-blown dysbiosis, thereby exacerbating inflammation and ultimately causing clinically evident periodontitis in susceptible individuals. Therefore, the control of inflammation should not only inhibit tissue damage but also suppress a nutritionally favorable environment that fuels dysbiosis.

2. HOST-ASSOCIATED FACTORS IN PERIODONTAL DISEASE PATHOGENESIS

Alpdogan Kantarci - Department of Periodontology, Forsyth Institute, Boston, USA

Periodontal disease requires the presence and activity of the microorganisms. It is not known when 'resident/commensal' microbiota becomes "pathogenic". The host defense mechanisms play pivotal role in defining the etiopathogenicity of the microbial communities. Host-microbe communication in periodontal environment is highly specialized and unique and involves various stages characterized by cellular as well as vascular and extracellular events. Inflammation comprises of a series of events that leads to a host response against trauma and microbial invasion, results in liquefaction of surrounding tissues to prevent microbial metastasis, and eventually healing of injured tissue compartments. Periodontal diseases are inflammatory processes, in which microbial etiological factors induce a series of host responses that mediate an inflammatory cascade of events in an attempt to protect and heal the periodontal tissues. In addition to the "on" signals that initiate the inflammatory events, periodontal tissues are capable of generating "off" or "stop" signals as checkpoint controls in inflammation. These control mechanisms are specific resolving cellular and biochemical circuits that have evolved to activate resolution, thus limiting uncontrolled dissemination of inflammation. Understanding the underlying mechanisms is critical for developing novel and effective strategies for treatment of periodontal disease and restoration of homeostasis. This presentation will discuss various aspects of host responses of the periodontium and how microorganisms, environmental and genetic factors modify these processes.

3. BIOMARKERS OF PERIODONTAL DISEASE PROGRESSION

*Ricardo Teles - Department of Periodontology,
University of North Carolina, Chapel Hill, USA*

During my lecture, I will describe the difficulties in identifying progressing sites in periodontitis subjects and how multibiomarker approaches can be used to discriminate such sites. Particularly, I will report on the results from an ongoing multi center study with the goal of finding biomarkers of periodontal disease progression. During this study, 500 participants were monitored for 12 months without intervention to allow for the identification of progressing sites. Subjects were clinically monitored and samples from subgingival plaque, gingival crevicular fluid (GCF), serum and saliva were collected at 2-month intervals. These samples are currently being processed through several “omics” platforms and my presentation will focus on a panel of 64 GCF inflammatory biomarkers measured using Luminex technology. Accurate identification of sites and subjects at risk for progression of periodontal disease has the potential of shaping the future of personalized periodontal diagnosis and therapy.

4. EARLY FORMS OF PERIODONTAL DISEASES: ETIOLOGY, PATHOGENESIS AND THERAPY

Jörg Meyle - Department of Periodontology, University of Giessen, Germany

Early-onset periodontitis belong to the rare types of periodontal diseases. Often they start with very few clinical symptoms. The pathogenesis is characterized by changes in the immune response and a dysbiosis of the bacterial biofilm. From a clinical point of a view it is mandatory, that already in 14- to 15-year old teenagers the periodontal status is regularly examined and documented, in order to identify initial changes and to enable early therapeutic intervention. The current therapeutic concepts enable successful local therapy also in aggressive periodontitis. Even regenerative therapy is successful. The long-term supervision and maintenance of these patients is of crucial importance and a prerequisite for the avoidance of further rapid loss of attachment. The importance of immunological changes in early-onset periodontal diseases is not definitively understood. Inheritable genetic variations and familiar accumulation of this type of disease were regarded as major reasons, nowadays it is obvious that changes in the immune response which are caused by the inflammatory reaction itself may have an impact. Based on the current scientific evidence in many cases healing of these forms of diseases is possible and in conjunction with proper maintenance long-term stability of treatment outcomes can be achieved. The current scientific evidence will be presented in conjunction with clinical examples and treatment outcomes.

5. PERIODONTITIS AND SYSTEMIC DISEASES: WHAT IS THE CLINICAL RELEVANCE?

*Steven Offenbacher - Department of Periodontology,
University of North Carolina, Chapel Hill, USA*

Many studies have shown a significant association between periodontal disease and systemic inflammation, as well as systemic conditions. However, these associations are not consistent and definitions of disease vary widely. New methods for periodontal disease classifications using unbiased, data-driven approaches to define disease classes with latent class analysis (LCA) provide new insight into the association between periodontal disease and serum markers of inflammation, prevalent and incident systemic disease that are not apparent using AAP/CDC or European definitions of periodontal disease. These new findings will be discussed in the context of how new clinical definitions provide a robust method of standardization of disease classification across different populations. In addition these new approaches using LCA improve models of risk for tooth loss, attachment loss and systemic disease.

6. PERIODONTITIS AND CARDIOVASCULAR DISEASE-POTENTIAL LINKS AND PATIENT MANAGEMENT

Phoebus Madianos - Department of Periodontology, University of Athens, Greece

During the last three decades, attention has focused on a potential link between periodontal disease and cardiovascular disease (CVD), two widespread inflammatory conditions, the latter been the leading cause of death worldwide. Observational studies indicate that periodontitis may confer an elevated risk for myocardial infarction, stroke and peripheral artery disease. Clinical studies demonstrate that periodontal disease is associated with a systemic inflammatory response, as evidenced by the elevation of systemic inflammatory markers, such as C-reactive protein (CRP), as well as endothelial dysfunction, which are both prognostic factors for cardiovascular events. The identification of periodontal pathogens in atheromatous plaques suggests that hematogenous dissemination of oral microbes may be involved in the pathogenesis of atherosclerosis. Recently, specific periodontal pathogens, as well as systemic antibody responses to periodontal pathogens have been associated with subclinical atherosclerosis. Data from experimental studies render support to the clinical findings and provide evidence that pathogens like *Porphyromonas gingivalis* may accelerate the atherosclerotic process. Primary intervention studies are lacking, but pilot studies focusing on surrogate outcomes, such as systemic inflammation and endothelial function, provide evidence for a beneficial role of periodontal therapy. Further observational and intervention studies are required in order to establish causality between periodontitis and CVD. The purpose of this lecture is to summarize the state of the science regarding the impact of periodontitis on cardiovascular health and to discuss critical aspects of periodontitis management in CVD patients.

7. NON-SURGICAL PERIODONTAL THERAPY: UPDATE AND NEW DEVELOPMENTS

*Raluca Cosgarea – Department of Prosthetic Dentistry,
University of Cluj-Napoca, Romania
Department of Periodontology, University of Marburg, Germany*

Periodontal therapy focuses on the removal of bacterial deposits from the roots through mechanical debridement (i.e. scaling and root planning) aiming at resolving the inflammation, arresting disease progression and re-establishing periodontal health. Furthermore, reduction or even complete elimination of the microbial load seems to be a necessity for obtaining long-term clinical stability. Non-surgical periodontal therapy is the first step in achieving these goals and is mandatory prior any type of periodontal surgical procedure. This lecture focuses on presenting evidence based current clinical concepts and new developments in non-surgical periodontal treatment.

8. PROTOCOLS OF USE OF METRONIDAZOLE AND AMOXICILLIN IN THE PERIODONTAL TREATMENT

Magda Feres - Department of Periodontology, Guarulhos University, São Paulo, Brazil

Despite the well-documented benefits of the adjunctive use of metronidazol and amoxicillin in periodontal treatment, the optimal protocol of administration of these agents has not yet been established and therefore, the periodontal prescriptions of these drugs are normally based on those used in medicine. However, this is not ideal due to certain unique features of periodontal diseases that are not normally observed in medical infections, such as the microbial protection afforded by the subgingival biofilm structure and great variation in concentration of the drugs in different sites of the oral cavity. The lack of clear guidelines for the use of systemic antibiotics in the periodontal treatment has generated empirical and heterogeneous protocols, which is an undesirable situation, since differences in these protocols directly impact the effectiveness of the agents in controlling infection and the development of side effects. This presentation aims to discuss the latest developments on this topic, more specifically, on the clinical and microbiological effects of different protocols of use of metronidazole plus amoxicillin in the periodontal treatment, such as antibiotics dosages, duration of treatment and best moment to administrate the antibiotics in relation to mechanical treatment. The ultimate goal is to guide the clinicians' decision on the protocol of use of these agents in daily clinical practice.

9. ESTHETIC TREATMENT OF SOFT TISSUE DEFECTS AROUND IMPLANTS

Giovanni Zucchelli - Department of Periodontology, University of Bologna, Italy

The recession of the buccal soft tissue margin is a frequent complication of well osteo-integrated dental implants. The appearance of metallic structure or even their transparency through the thin buccal soft tissues are common reasons for patient aesthetic complains. Moreover, bad implant installation frequently results in excessive apical dislocation of the buccal soft tissue margin of the implant supported crown. Soft tissue plastic surgical procedures and bilaminar techniques in particular, can be successfully used in combination with a pre and postsurgical provisional prosthetic management to treat buccal gingival recessions and soft tissue dehiscence around dental implants and to provide the new implant supported crown with an esthetic transmucosal emergency profile.

10. PERIODONTAL REGENERATION: BIOLOGICAL BACKGROUND AND CLINICAL PERSPECTIVES

Mark Bartold - Department of Periodontology, University of Adelaide, Australia

Over the past 20 years there have been some exceptional advances made in the field of periodontology. One of the major advances has been in our understanding of the biology and clinical outcomes of periodontal regeneration. This presentation will consider the important developments over the years. In addition this presentation will discuss some of the major conceptual changes which have occurred in periodontal regeneration in recent years and how they have led to significant changes in our thinking and approach to periodontal therapy. A brief consideration of future developments will also be covered.

11. CONVENTIONAL PERIODONTAL SURGERY: STATE OF THE ART

Stefan-Ioan Stratul – Department of Periodontology, University of Timisoara, Romania

Several recent US-based surveys reported that more than a quarter of the responding dentists performed conventional periodontal surgery at least occasionally. Certainly less spectacular than regenerative therapy, conventional periodontal surgery procedures maintained over the years a top-position in the general treatment plan of patients with chronic periodontitis. While access therapy and furcations treatment are regarded as periodontal additional therapies, crown lengthening procedures enjoy today a clinical revival and a privileged position in aesthetic dentistry. The lecture will review the classic techniques in periodontal pocket reduction surgery, distal wedge procedures and resective osseous surgery, as employed today in the clinical daily practice, and as reflected in recent clinical research literature. These various conventional surgical methods should be evaluated on the basis of their potential to facilitate removal of subgingival deposits and self-performed plaque control, thus enhancing the long-term preservation of the periodontium.

12. BONE REGENERATION - BIOLOGICAL BACKGROUND AND CLINICAL APPLICATIONS

Andreas Stavropoulos - Department of Periodontology, University of Malmö, Sweden

Presence of adequate amount of bone, allowing implant installation with sufficient initial stability and with its circumference completely covered by an adequate amount of bone is considered essential for successful implant treatment. Nevertheless, patients often present with less than adequate amount of bone for proper implant installation, requiring bone regenerative procedures. Bone regenerative procedures most often involve grafting of bone, bone substitutes, or combinations thereof. Autogenous bone is often considered the "gold standard". However, is autogenous bone indeed the best material for all clinical indications or can it be replaced? Can autogenous be replaced completely or should it be used in combination with bone substitutes? The presentation will focus on the available evidence about what is the most indicated grafting material or combination in various clinical indications.

13. CLINICAL CONCEPTS IN REGENERATIVE PERIODONTAL THERAPY

Giulio Rasperini - Department of Periodontology, University of Milano, Italy

In the last years the aesthetic demand from the patients has become the biggest challenge in Periodontology as well as in implant dentistry. Besides functional results is now important to achieve aesthetic success, particularly in the anterior areas, where the expectations of the patients are even higher. The introduction of new biological concepts, biomaterials and new surgical techniques during the last years, such as minimally invasive approach, Growth Factors, different Papilla Preservation Techniques, or Soft Tissue Wall approach, makes possible to answer to the patient's demands and change the prognosis of compromised teeth with predictable long term results. Each technique as well as the decision making in different clinical scenario, will be analyzed during the presentation. The procedures will be shown in details and clarified with the projection of several macro-video. Hands on Course- Regenerative periodontal therapy: The ultimate Surgical techniques for periodontal Regeneration will be analyzed during the presentation. Each technique as well as the decision making in different clinical scenario, will be shown explained and reproduced by the participants with hands on exercise on simulators.

14. THE BERNESE CONCEPT FOR THE TREATMENT OF THE SINGLE AND MULTIPLE RECESSIONS

Anton Sculean - Department of Periodontology, University of Bern, Switzerland

Predictable coverage of multiple adjacent recessions and of single mandibular deep recessions is still a challenge for the clinician. The Modified Coronally Advanced Tunnel (MCAT) or the newly developed Laterally Moved Double Tunnel (LMDT) result in predictable coverage of single and multiple adjacent gingival recessions. The present lecture will provide a comprehensive treatment philosophy on the surgical risk factors and biologic principles that need to be considered to optimize the results. Presentations of clinical cases and of surgical videos will demonstrate the use of MCAT and LMDT while own data with a follow-up of up to 8 years support their clinical relevance. Novel approaches including combination of biologic materials and different types of collagens may represent novel alternatives to replace autogenous soft tissue grafts.

15. PERI-IMPLANTITIS: ETIOLOGY, PATHOGENESIS AND DIAGNOSIS

Giovanni Salvi - Department of Periodontology, University of Bern, Switzerland

Peri-implant diseases have been defined as (i) development of mucosal inflammation around osseointegrated implants without loss of supporting bone (i.e. peri-implant mucositis) and (ii) presence of inflammation with additional loss of supporting bone (i.e. peri-implantitis). Peri-implant diseases are initiated by the formation of biofilm deposits around the neck of the implant or the abutment. Outcomes of experimental studies in animals indicate that tissue destruction at peri-implantitis sites is faster and more extensive compared with that at periodontitis sites. Although human periodontitis and peri-implantitis lesions share similarities with respect to etiology and clinical symptoms, they represent distinct entities from a histopathological point of view. In order to avoid implant loss, early diagnosis and treatment of peri-implantitis is of crucial importance.

16. CLINICAL CONCEPTS FOR THE TREATMENT OF PERI-IMPLANTITIS

Jamil Shibli - Department of Periodontology and Oral Implantology, Guarulhos University, São Paulo, Brazil

Peri-implantitis is defined as an irreversible inflammatory process that affects the soft and hard tissues and is considered to be the most important cause of late dental implant failures. This process could impact negatively in daily clinical practice and several treatment have been proposed to solve the peri-implant diseases. This presentation will discuss the clinical endpoints as well as several factors that could affect the predictability of surgical and non-surgical therapy.

17. KEEPING COMPROMISED TEETH OR REPLACING WITH IMPLANTS

Niklaus P. Lang - Department of Periodontology, University of Bern, Switzerland

Answering this question is certainly not an easy enterprise and probably best dealt with by stating: "It just depends". However, for the practicing dentist a relatively reliable answer is of utmost importance, especially when reconstructions are planned to restore adequate function, obtain satisfying esthetics and obtain and maintain oral health. Therefore, the questions will be answered for various situations: For the healthy tooth with an almost intact periodontal support, for the periodontally compromised, but successfully treated abutment tooth, for the devitalized, but root canal treated tooth, for the endodontically compromised tooth with periodical pathology. These discussions will emphasize the importance of maintaining natural teeth even if they are affected by pathological findings. Post therapeutic treatment prognoses are well documented, especially for survival and complication rates of fixed partial dentures on tooth abutments, on implants and on both tooth and implant abutments. The major question is not to discuss the alternative between tooth abutments versus implant abutments, but to discuss predictability and longevity of teeth following active periodontal or endodontic therapy. In that respect, implants do not provide a higher value to the patient. They are not chosen to replace teeth, but to help replace already missing teeth. It has to be realized that that the long-term documentation of implant survival and complication rates are at its best 10 years old and that none of the systems sold today have more than 5-year data to offer. However, even for teeth jeopardized by periodontal or endodontic conditions the literature provides a number of long-term studies to answer the above proclaimed questions with high reliability always considering the single patient situation with great respect.

Speakers/Moderators Curriculum Vitae

Dr. Mark BARTOLD

Department of Periodontology,
University of Adelaide, Australia

Professor of Periodontics and Director, Colgate Australian Clinical Dental Research Centre, University of Adelaide. Bachelor of Dental Surgery from the University of Adelaide in 1979; Bachelor of Science in Dentistry with First Class Honours 1980; Doctor of Philosophy 1983. He qualified for Fellowship of the Royal Australasian College of Dental Surgeons in the Special Stream of Periodontics in 1991; Doctor of Dental Science 1996. Fellow of the Academy of Dentistry International, the International College of Dentists and the Pierre Fauchard Academy. Past President of International Academy of Periodontology, ANZ Division of the IADR, and Asian Pacific Society of Periodontology. Editorial board member of 10 international dental journals, an Associate Editor of the Journal of Periodontal Research, Periodontology 2000 and Clinical & Experimental Dental Research and Editor of the Australian Dental Journal. Research: use of periodontal stem cells for periodontal regeneration, and periodontal / systemic health interrelationships. Authored over 260 scientific papers. Awards: Membership of the Order of Australia (2004) for contribution to periodontal research and education, Honorary Life Membership Australian Dental Association (2013); Honorary Life Membership American Academy of Periodontology (2014); Straumann/IADR Award for Periodontal Regenerative Medicine (2015); IADR Distinguished Scientist Award for Research in Periodontal Disease (2015); Elmer S Best Award 2016 (Pierre Fauchard Academy) for contributions to dentistry of international significance.



Dr. Raluca COSGAREA

Department of Prosthetic Dentistry, UMF Cluj-Napoca, Romania
Department of Periodontology, University of Marburg, Germany

- 2000-2005: Dental education at Ruprecht-Karls-University, Heidelberg, Germany
- 2006-2010: Postgraduate training in Periodontology, Section of Periodontology, Department of Operative Dentistry, Clinic for Oral, Dental and Maxillofacial Diseases, University Heidelberg, Germany
- 2009: PhD, Dr. Med. Dent. Ruprecht-Karls-University, Heidelberg, Germany
- 2010: Certificate of Specialization in Periodontology of the German Society of Periodontology
- 2010-2013: Research Fellow at the Section of Periodontology, University Heidelberg, Germany
- Since 2011: Assistant Professor at the Clinic for Prosthodontics, UMF Cluj-Napoca, Romania
- Since 2013: Assistant Professor at the Department of Periodontology, University Marburg, Germany
- 2013-2014: Research Fellow at the Clinic of Periodontology, University Bern, Switzerland



Dr. Magda FERES

Department of Periodontology, Guarulhos University, São Paulo, Brazil

Dr. Feres is a periodontist (Certificate and Masters degrees), received her Doctor of Medical Science (DMSc) degree in Oral Biology from Harvard University/Forsyth Institute (USA) and has a Post-doctoral Fellowship in Microbiology from Forsyth Institute. She is the Dean for Dental Research and Graduate Education and a full-time professor (periodontal department) at Guarulhos University (Brazil). Her main research field is the diagnostic and treatment of different periodontal infections, with great emphasis on designing, conducting and reporting of Randomized Clinical Trials. She has received some important awards, including the Clinical Research Award given by the American Academy of Periodontology (AAP) for the "most outstanding scientific article with direct clinical relevance in periodontics", in the year of 2002; She has lectured extensively in United States, Europe, Latin America and Asia, and has authored around 160 articles in peer-reviewed journals. She is the President Elect of the International Academy of Periodontology (IAP) and of the IADR Periodontal Research Group, Associate Editor of the International Dental Journal, and a member of the Editorial Board of Journal of Dental Research, Clinical Oral Implants Research, Journal of Periodontology and Journal of Periodontal Research.



Speakers / Moderators Curriculum Vitae

Dr. Ahmed Yousef Mohamed GAMAL

Department of Oral Medicine and Periodontology,
Ain Shams University, Cairo, Egypt



Ministry of Higher Education – DAAD director

- 1979: Received his bachelor degree from faculty of dental medicine, Cairo University
- 1980-1981: Military service, executive dental officer, Presidential Guard Hospital, Dental Clinic.
- 1982-1984: General practitioner Zakazeek university, Banha branch.
- 1985: Instructor, oral medicine and Periodontology department, Al Azhar University.
- 1985-1988: Associate lecturer, Oral medicine and Periodontology Department, Al Azhar University.
- 1988-1993: Lecturer, Oral Medicine and Periodontology, Al Azhar University.
- 1993-1998: Associate professor, Oral Medicine and Periodontology, Al Azhar University.
- 1998-2013: Professor, Oral medicine and Periodontology, Al Azhar University.
- 1996: Post-Doctoral fellow, Medical College of Georgia, School of Dentistry, Augusta, Georgia, USA.
- 1998: Visiting fellow, Medical College of Georgia, School of Dentistry, Augusta, Georgia, USA.
- 2009: Visiting professor, Medical College of Georgia, School of Dentistry, Augusta, Georgia, USA.
- 2008-2013: Part timer professor MSA university (undergraduate), Ain Shams university (postgraduate)
- 2012-2013: Chairman of Oral Medicine and Periodontology Department, Faculty of Dental Medicine, Al Azhar University
- 2013-present: Professor of Oral Medicine and Periodontology, Ain Shams University – post graduate program director
- 2014-present: Part timer professor MIU university
- 2014-present: Chairman of Oral Medicine and Periodontology Department, Faculty of Dental Medicine, Ain Shams University
- 2015-present: Director of clinical master implantology program, Ain Shams University
- EDUCATION:**
- 1979: Graduated from Faculty of Dental Medicine, Cairo University
- 1982: HDD, Oral Medicine and Periodontology, Cairo University.
- 1985: MD, Oral Medicine and Periodontology, Al Azhar University.
- 1988: Ph.D. Oral Medicine and Periodontology, El Azhar University.
- MAIN AREAS OF INVESTIGATION:** SEM Studies in periodontal health and disease, Periodontal regenerative surgeries, Biology of periodontal regeneration, Root conditioning agents, Guided Tissue Materials, Local delivery vehicles, Cell therapy

Dr. George HAJISHENGALLIS

Department of Microbiology,
University of Pennsylvania, Philadelphia, USA



Dr. Hajishengallis earned a D.D.S. (1989) from the University of Athens, Greece, and a Ph.D. (1994) from the University of Alabama at Birmingham (UAB). Following postdoctoral studies in Microbiology and Immunology at UAB and the University at Buffalo, he held faculty appointments at Louisiana State University and the University of Louisville. He is currently the Thomas W. Evans Centennial Professor at the University of Pennsylvania School of Dental Medicine, Department of Microbiology. His field of interest lies at the host-microbe interface and his work has illuminated novel mechanisms of microbial dysbiosis and inflammation. More recently, his laboratory has identified key molecules involved in the homeostasis of the periodontium and other host tissues. He combines basic scientific and translational research, leading to innovative approaches to clinical problems, such as exemplified by periodontal disease. His research program is supported by the NIH/NIDCR and he has published over 150 papers, including publications in journals of general scientific interest, such as *Nature Immunology*, *Science Translational Medicine*, *Cell Host & Microbe*, *Nature Communications*, *PNAS*, *Science Signaling*, *Nature Reviews Immunology*, and *Nature Reviews Microbiology*. His research has been featured in *Nature Reviews*, *Faculty of 1000-Biology*, the NIH/NIDCR website, *Scientific American*, *AAAS Science Update*, *WHYY-FM (NPR, Philadelphia)* and the popular press. He was awarded the Distinguished Scientist Award in Oral Biology from the International Association of Dental Research (IADR) in 2012. In 2016, he received a MERIT award from the NIH.

Dr. Vincenzo IORIO-SICILIANO

Department of Periodontology,
University of Catanzaro, Italy

Vincenzo Iorio-Siciliano qualified from University of Naples "Federico II" in 2004 and was a general practitioner until taking an PhD in Periodontology and Implantology in 2009. Since 2005 he was Assistant Professor at Master Course on Periodontology and Implantology (University of Naples "Federico II"). In 2011 he was Post-Doctoral Research Fellow (University of Naples "Federico II"). Today his academic position is Professor of Periodontology (University of Catanzaro "Magna Graecia", Dental School, Department of Periodontology) and Adjunct Professor of Periodontology and Implantology (University of Naples "Federico II", Dental School, Department of Periodontology). He has papers published in the *Journal of Periodontology (JOP)*, *Clinical Oral Implant Research (COIR)*, *International Journal of Oral and Maxillofacial Implants (JOMI)* and *International Journal of Periodontics and Restorative Dentistry*.



Speakers / Moderators Curriculum Vitae

Dr. Lijian JIN

Department of Periodontology,
University of Hong Kong, Hong Kong



Prof. Jin is the Modern Dental Laboratory Professor in Clinical Dental Science (Endowed professor), and Professor of Periodontology at the Faculty of Dentistry, The University of Hong Kong (HKU). He has committed to undergraduate and post-graduate teaching, research & scholarship, professional services, administration and knowledge exchange since joining the HKU in 1994. He received the Fellowship in Dental Surgery (ad hominem) of the Royal College of Surgeons of Edinburgh in 2007. He is a founding member of the Specialty Board in Periodontology of the College of Dental Surgeons of Hong Kong, and Honorary Advisor of Hong Kong Society of Periodontology & Implant Dentistry. His main professional engagements include the Council Member of FDI World Dental Federation in Geneva, Members of FDI Vision 2020 and Global Periodontal Health Project Task Teams (2015-); Chairs of FDI Science Committee (2012-2015) and FDI Oral Health Atlas Task Team (2013-2015); Chair of IADR Task Group in Periodontal Disease - Global Oral Health Inequities: The Research Agenda (2009-2012); President of IADR-Southeast Asian Division (2013-2015); Member at Large of International Academy of Periodontology (2012-); and President of Asian Pacific Society of Periodontology (2011-2013; re-elected as a Councilor from 2015). He has served as the editorial board members of J Dent Res (2010-2015), J Clin Periodontol (2011-), J Periodontol (2006-) and J Periodont Res (2007-). His research projects on periodontal etiopathogenesis, novel care approaches and periodontal medicine have been funded with 8 GRF grants from the Hong Kong Research Grants Council. His team has obtained multiple international prizes. He has primarily supervised the research projects of over 30 postgraduates; delivered more than 160 lectures nationally and internationally; and published over 160 journal papers/book chapters.

Dr. Ajay KAKAR

Adjunct faculty with M.G.M Dental College, Panwel, India

Qualifications : B.D.S., N.H.D.C. 1981

M.D.S Periodontology, N.H.D.C, 1985

Nature of Work: In Private Practice limited to Periodontology and Implants;

Consultant – Biodenta Implants; Course Director – AIC, Osstem Korea

Affiliation: Adjunct faculty with M.G.M Dental College, Panwel, India;

Clinical Associate Professor in Stony Brook, SUNY – USA; Faculty on Manchester University for the distance education program

Offices Held: Past president of the IAACD; Past Secretary – International Academy of Periodontology; Past Secretary–IAACD; Member Extended Board-European Society of Cosmetic Dentistry; Past Editor–Journal of the Indian Academy of Aesthetic & Cosmetic Dentistry; Founder Director – BITEIN India.

Status: President of the International Academy of Periodontology

Books: Written a handbook on “Management of Mobile and Migrating Teeth”; Edited “The BITEIN Year Book of Indian Dentistry – 2010”

Several activities in multiply international and national dental committees.

Other Interests:

- A thorough and detailed knowledge on computers. Has written a book on computers for beginners.
- The originator and creator of a comprehensive dental administration and imaging software system
- An active interest in studying and pursuing Philosophy, particularly Objectivism. Has given talks on this philosophy to a variety of student audiences.
- A keen interest in a variety of sports.



Speakers / Moderators Curriculum Vitae

Dr. Alpdogan KANTARCI

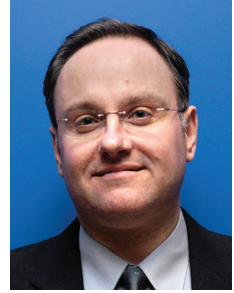
Department of Periodontology,
Forsyth Institute, Boston, USA



Prof. Alpdogan KANTARCI holds a D.D.S. and a Ph.D. degree. He is also a certified specialist of Periodontology (C.A.G.S.) and a Diplomate of the American Board of Periodontology. Prof. Kantarci is an Associate Member of the Staff at the Forsyth Institute in Cambridge, MA, USA, works as a Faculty Member at Harvard University's School of Dental Medicine, and serves as an Associate Professor at Boston University's Henry Goldman School of Dental Medicine. Prof. Kantarci has started his career as dentist after graduating from Istanbul University in 1991. He completed his clinical and PhD studies at Istanbul University at the Department of Periodontology joining the faculty. He moved to the USA in 1999 as a postdoctoral fellow at Boston University. Upon completing his postdoctoral studies in 2002, he has started clinical periodontology training at Boston University. After graduating, he was appointed as an Assistant Professor in 2004 at the Henry Goldman School of Medicine. He was promoted to the Associate Professorship in 2009. In 2010, Prof. Kantarci joined the Forsyth Institute/Harvard University maintaining his faculty position at Boston University. During his academic career, Prof. Kantarci has been actively involved in training, education and patient care. He has mentored more than 30 PhD, doctorate, and Master's theses; directed and taught in several graduate and postgraduate clinical and didactic dentistry courses. He serves in the editorial board and as a reviewer of 15 dental and medical scientific journals. His research interests include Molecular Mechanisms and Resolution Pathways of Oral Inflammation in Periodontitis, Experimental Models; Signal Transduction in Neutrophils and Monocytes in Inflammatory Diseases, Clinical Applications of High-Throughput Analysis in Dental Research (e.g. xMAP Multiplexing), and Biology of Surgery-Assisted Tooth Movement. Prof. Kantarci is the recipient of 15 federal, international and industry-supported research grants and holds several patents. He has published more than 85 articles in peer-reviewed scientific journals, wrote book chapters, and has presented more than 170 oral talks and posters in dental and medical congresses.

Dr. Christos KATSAROS

Department of Orthodontics and Dentofacial Orthopedics, University of Bern, Switzerland



Christos Katsaros is Professor and Chair at the Department of Orthodontics and Dentofacial Orthopedics, University of Bern, Switzerland since 2008. He obtained his dental degree from the University of Thessaloniki, Greece, and received his 4-year orthodontic training under Professor Rolf Berg at the University of Saarland, Germany, where he also completed his doctoral thesis ("Dr. med. dent.") and his "Habilitation". Professor Katsaros worked also as a researcher at the Göteborg University, Sweden, where he completed a Ph.D. ("Odont. Dr. /Ph.D."). From 2000 to 2002 he served as an Associate Professor and from 2002 to 2008 as a Professor of Orthodontics at the Department of Orthodontics and Oral Biology, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands. Professor Katsaros is author or co-author of over 170 peer reviewed publications and has given many lectures internationally. His current research interests include the elucidation of the molecular mechanisms that control face development and wound healing in CLP as well as the prevention and therapy of gingival recession in orthodontic patients. He serves as Associate Editor for the AJO-DO, as Section Editor Dentistry for the Cleft Palate-Craniofacial Journal and he is editorial board member or reviewer for several international scientific journals. He is the President of the European Orthodontic Society (EOS) and an Active Member of the Angle Society of Europe.

Speakers / Moderators Curriculum Vitae

Dr. Aswatha KUMARSWAMY

Department of Oral Implantology,
Bombay University, Mumbai, India



ACADEMIC:

College / University name: Bombay University, Government Dental College and Hospital, Mumbai

Year of Passing: 1979

Qualifications: B.D.S (Bachelor of Dental Surgery)

College / University name: Bombay University, Government Dental College and Hospital, Mumbai

Year of Passing: 1982

Qualifications: M.D.S (Masters in Dental Surgery) in Periodontics.

DIPLOMA: PGDHHM (Post Graduate Diploma in Hospital & Health Care Management)

Name of University: Symbiosis Centre of Health Care (SCHC), Pune

Year of Passing: 2009

AREA OF EXPERTISE: PERIODONTICS & IMPLANTOLOGY

CAREER HISTORY:

Positions: Hon. Prof. Dept. of Oral Implantology, GDC&H, Mumbai; Visiting Prof., Maulana Azad institute of Dental Sciences, Delhi; Hon. Consultant to the Armed Dental Corps; Consulting Periodontist to BARC Hospital; Clinical asst. Prof. SUNY, Stonybrook, USA

Indira Gandhi Priyadarshni award for contribution towards Dental profession – 1998.

Features in 'Reference Asia' Who's Who of Asia Features in 'Indo Arab' Who's Who?

Features in 'Achievers of the Millennium'

Over the years he has many editorial positions, such as: Asst. Editor, Journal of Indian Dental Association; National Correspondent, FDI WORLD DENTAL NEWS; Editor, Journal of Indian Society of Periodontology; Think Pink International Dental Journal; Kumar's Korner - Famdent Publications; Editor JISP; Editorial Board-Journal of Indian academy of aesthetic and cosmetic dentistry Famdent Springer Communication; Quintessence journal, INDIA; Dental Practice; Contemporary Clinical dentistry- JIDA (Journal of Indian dental association)

Dr. Niklaus P. LANG

Department of Periodontology,
University of Bern, Switzerland



Honorary Professor The University of Hong Kong, University College London, University of Zurich. Professor of Implant Dentistry, The University of Hong Kong, 2008-2012, Professor Emeritus, University of Berne, Switzerland, Chairman 1980-2008; PhD, University of Berne, 1978; Master of Science in Periodontics, University of Michigan, 1975; Dr. med. dent., University of Berne, 1970.

Dr. odont. h.c. of Aristotle University of Thessaloniki, Greece, 2011, University of Gothenburg, Sweden, 1997, University of Buenos Aires, Argentina, 1994 and University of Athens, Greece, 1989. Honorary Fellow RCPS (Glasgow), 1995. Basic Science in Periodontal Disease Award of the IADR, 1992, Norton M. Ross Award of the ADA 2015.

Honorary member of: the American Academy of Periodontology, the Danish, German, Hellenic, Italian, Lithuanian, Slovenian, South African and Swiss Societies of Periodontology, Danish Society for the Study of Periodontology, Italian Society of Osseointegration, International Team of Implantology (ITI), Australian-New Zealand Academy of Periodontology (ANZAP). European Association for Osseointegration (EAO). Platinum medal of the Spanish Society of Periodontology and Implant Dentistry.

Published over 640 articles in peer-reviewed journals and several textbooks. h-Index: 86. Over 4000 lectures in 5 continents. Editor-in-chief: Clinical Oral Implants Research 1990-2016.

Dr. Phoebus N. MADIANOS

Department of Periodontology,
University of Athens, Greece



Dr. Phoebus Madianos is Professor of Periodontology, in the School of Dentistry, at the National and Kapodistrian University of Athens.

He received his DDS degree from the same University and his clinical certificate in graduate Periodontics, as well as his PhD degree in Oral Microbiology from Gothenburg University.

After working as Assistant Professor at the University of North Carolina, he returned to Athens and joined the department of Periodontology at the University of Athens in 2003. He is currently the Director of the Graduate Program in Periodontology and of the Osseointegrated Implant Unit of the Dental School at the University of Athens. He has been President of the European Federation of Periodontology and a Board member of the Continental European Division of the International Association for Dental Research.

Speakers / Moderators Curriculum Vitae

He is currently the chair of the Scientific Affairs Committee of EFP. He has published over 60 scientific papers in international journals, which have received over 3000 citations, in the fields of periodontal pathogenesis, periodontal medicine and implantology. He has received international awards for his research activity, including the "Hans-R. Mülhemann Research Prize" from the Swiss Society of Periodontology in 1997, the "Anthony A. Rizzo Award" from the International Association for Dental Research in 2004, and the "Clinical Research Award" from the American Academy of Periodontology in 2006.

Dr. Jörg MEYLE

Department of Periodontology, University of Giessen, Germany

- 1980 Graduation as Dentist, University of Tuebingen
- 1984 Specialist in Oral Surgery and Periodontics (D.D.S.)
- 1984 Graduation as Dr. med. dent. (D.M.D.)
- 1992 Postdoctoral Lecture Qualification (habilitation) in Dentistry (=Ph.D.)
- 1994 University of Giessen - Appointed Professor (life-long) and Director, Department of Periodontology
- 1997 Specialist in Periodontology by German Society of Periodontology (Deutsche Gesellschaft für Parodontologie =DGParo)
- 2008 – 2011 Vice Managing Director of the Dental School
- 2011 – 2013 Managing Director of the Dental School
- Member in numerous scientific organizations
- Founding Member of the ARPA Foundation
- European Federation of Periodontology (EFP)
 - Since 2013 - Treasurer of the EFP (re-elected in 2016)
- International Academy of Periodontology (IAP)
 - Since 2006 - Board Member
- Member of the Editorial Board of various national and international peer-reviewed journals
- Research focus - Pathogenesis of periodontitis; Antiinfective therapy, regenerative therapy; Implant therapy in patients with periodontitis
- Author and co-author of 180 Publications, 19 book chapters in national and international peer-reviewed journals
- Organizer of 178 trainings courses
- Lecturer in Master programs:
 - 2007 Dresden International University (DIU)
 - 2008 Online-Master, Freiburg University
- Since 2000 - Initiator and Scientific director of the structured continuing education course in Landeszahnaerztekammer, Hessen (LZKH), Frankfurt



- Supervisor of 15 series of continuing education courses
- Numerous Prizes and Distinctions
- Since 2015 Honorary Member American Academy of Periodontology (AAP)

Dr. Florian OBADAN

Private Practice, Alexandria, Romania

Clinical and technical evidence with immediately restored implants.

Team presentation - Dr. Florian Obădan & DT Vasile Băcilă

Biography: Born on 25th of November 1974 in Romania, he graduated the Dental University in 2001 at UMF Craiova and since then he is working in his own dental practice as a dentist.

From 2006 he has done more than 6000 implants in his practice, but also in many collaborations with dental clinics in Romania and abroad.

2007 - 2008 Nürnberg courses IFZI, Prof. Lang

2007 Present Referent doctor for SKY Implant System, bredent medical Germany

2008 Certified trainer SKY Implant System

2008 International SKY Meeting in Rome, Italy

2009 Competence in Oral Implantology, UMF Carol Davila, Bucharest

2010 Master RPSI (Prosthetic Restorations Implant Supported), UMF Craiova

From 2009, he is improving his technique performance in immediate loading concept having hundreds of cases of SKY fast & fixed. His practice is oriented on implantology. He performs Live-ops and conducts workshops for immediate loading techniques in several Universities in Romania, like in Iasi, University Apollonia, UMF Craiova and abroad and helping many colleagues to offer to their patients more than a mobile prosthesis.



Speakers / Moderators Curriculum Vitae

Dr. Steven OFFENBACHER

Department of Periodontology,
University of North Carolina, Chapel Hill, USA



Dr. Offenbacher received his bachelor's degree in chemistry from Boston University, and his DDS and PhD in Biochemistry from Virginia Commonwealth University. He completed a post doctorate fellowship in pharmacology, at Forsyth Institute, as well as a certificate in periodontology and oral medicine from Harvard. Dr. Offenbacher was named the 2015 winner of the Gold Medal Award for Excellence in Dental Research by the American Dental Association. He also received the Norton Ross Award for Clinical Research, the Gies Award and the Basic Research in Periodontal Disease Award from the International Association for Dental Research. He is past president of the American Association of Dental Research. Dr. Offenbacher has conducted epidemiological and clinical research investigating the role of periodontal infections in systemic diseases. Currently, his research laboratory is actively exploring the cellular and molecular mechanisms of periodontal disease pathogenesis from an "omics" perspective.

Dr. Mariana PĂCURAR

Department of Orthodontics,
University of Targu-Mures, Romania



Work experience:

Present: Dean, UMF Tg.Mures, Faculty of Dentistry
2008-Present: Professor, UMF Tg.Mureș, Orthodontic Dept.
2000-2008: Assistant professor, UMF Tg.Mureș, Dept of Pedodontics and Orthodontics
1996-2000: Lecturer, UMF Tg.Mureș, Dept of Pedodontics and Orthodontics
1992-1996: Teaching assistant, UMF Tg.Mureș, Dept of Pedodontics and Orthodontics
Main activities and responsibilities: teaching, diploma work coordinator (88 finalized), lectures of Medical Management and the Methodology of the Scientific Research.

Education and training:

University of Medicine and Pharmacy, Tg. Mures, PhD studies: 1993-1999
Principal subjects/occupational skills covered: Orthodontics, Pedodontics and General Dentistry, Radiological Diagnosis in Dentistry
Specializations: Head Doctor in orthodontics, by Order of the Minister of Health, Specialist in radiological diagnosis in Dentistry, by contest at Cluj- Napoca University, Head Doctor in dentistry, Specialist Doctor in orthodontics, Specialist Doctor in dentistry, by Order of the Minister of Health.

Dr. Giulio RASPERINI

Department of Periodontology,
University of Milano, Italy

Graduated in dentistry. Specialized in Orthodontics. Active Member of the Italian Society of Periodontology and of the European Academy of Esthetic Dentistry. ITI Fellow. Member of the Editorial Board of the Int J Perio Res Dent; ad hoc reviewer: J Dent Res, J Periodontol, J Clin Periodontol, Clin Oral Impl Res, Int Dent J, Quintessence International. Author of several publications focused on Periodontology and Implantology. Winner of few Awards for research focused on Periodontology and Implantology, among them: International Quintessence Publishing Award (Boston 2000 - 2004), Goldman (SIDP 1996 - 2010), Clinical Research Award EAO (Glasgow 2010) e Earl Robinson Periodontal Regeneration Award (AAP Los Angeles 2012), Align Research Award (California 2013). Associate Professor in Periodontology, Dep. of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy. Foundation IRCCS Ca' Granda Polyclinic Milan, Italy Adjunct Clinical Associate Professor and Faculty Department of periodontology and Oral Medicine, University of Michigan, MI, USA. Vice President SIDP (2016-2017)



Dr. Giovanni SALVI

Department of Periodontology,
University of Bern, Switzerland

Prof. Giovanni E. Salvi received his license in dental medicine in 1988 from the medical faculty of the University of Bern, Switzerland. In 1990, Prof. Salvi received his „Dr. med. dent“ degree. Between 1992 and 1994 he was a graduate student in the Department of Periodontology and Fixed Prosthodontics at the University of Bern, Switzerland. From 1994 to 1997, Prof. Salvi was a postdoctoral research associate at the University of North Carolina at Chapel Hill, NC, USA. In 1998 Prof. Salvi became a board certified periodontist and since 1999 he is a fellow of the International Team of Implantology (ITI). In 2005, Prof. Salvi was appointed teacher of the year in the School of Dental Medicine, Bern, Switzerland. Since 2003, Prof. Salvi he is a member of the editorial board of Journal of Clinical Periodontology and Clinical Oral Implants Research and in 2006, was appointed Associate Editor of Clinical Oral Implants Research. In 2010, Prof. Salvi was promoted to associate professor. In 2012, Prof. Salvi was awarded the honorary membership of the German Society of Periodontology (DGP). He is currently the vice chairman and graduate program director in the department of periodontology at the University of Bern, Switzerland.



Speakers / Moderators Curriculum Vitae

Dr. Anton SCULEAN

Department of Periodontology,
University of Bern, Switzerland



Anton Sculean is professor and chairman of the Department of Periodontology and currently the Executive Director of the School of Dental Medicine, University of Berne, Switzerland. He qualified in 1990 at the Semmelweis University in Budapest, Hungary and has received his postgraduate training at the Universities Münster, Germany and Royal Dental College Aarhus, Denmark. He received his Habilitation (Ph.D.) at the University of Saarland, Homburg, Germany. From 2004 to 2008 he was appointed as Head of the Department of Periodontology and Program Director of the EFP accredited postgraduate program at the Radboud University in Nijmegen, the Netherlands. In December 2008, he was appointed Professor and Chairman of the Department of Periodontology of the University of Bern, Switzerland. Currently, he serves as Executive Chairman of the School of Dental Medicine, University of Bern. Professor Sculean has been a recipient of many research awards, among others the Anthony Rizzo Award of the Periodontal Research Group of the International Association for Dental Research (IADR), and the IADR/Straumann Award in Regenerative Periodontal Medicine and received honorary doctorates (Dr. h.c.) from the Semmelweis University in Budapest, Hungary and from the Victor Babes University in Timisoara, Romania. He has authored more than 280 publications in peer-reviewed journals, 16 chapters in periodontal textbooks and has delivered more than 350 lectures at national and international meetings. He is the editor of the book *Periodontal Regenerative Therapy* published by Quintessence and guest editor of the *Periodontology 2000 Issue* published in 2015 entitled "Wound Healing in Periodontology and Implantology". He serves on the editorial board of more than 12 dental journals, among others *Journal of Dental Research*, *Journal of Clinical Periodontology*, *Clinical Oral Implants Research*, *Journal of Periodontal Research* and *Clinical Advances in Periodontics* and is Associate Editor of *Quintessence International*, *Clinical Oral Investigations*, Section Editor of *BMC Oral Health* and Editor in Chief of *Oral Health and Preventive Dentistry*. Professor Sculean served from 2009–2010 as president of the Periodontal Research Group of the IADR, is past president of the Swiss Society of Periodontology and President Elect (for the period 2018–2019) of the European Federation of Periodontology (EFP). His research interests focus on periodontal wound healing, regenerative and plastic-esthetic periodontal therapy, use of antibiotics, antiseptics and novel approaches such as lasers and photodynamic therapy in the treatment of periodontal and peri-implant infections.

Dr. Lior SHAPIRA

Department of Periodontology,
Hebrew University, Jerusalem, Israel

Prof. Lior Shapira is the Chairman of the Department of Periodontology and Vice Dean in the Hebrew University- Hadassah Faculty of Dental Medicine, Jerusalem. He is a Professor of Periodontology, and the Betty and D. Walter Cohen Chair in Clinical Periodontal Research. Prof. Shapira research is focused on the Host response during periodontal and peri-implant infections. He published over 100 scientific papers, as well as many reviews. Several international awards acknowledged the impact of his research work, including the Rizzo Award - IADR periodontal research group 1999, Finalist in the "Jaccard-EFP Research Price Competition" 2000, the Sunstar Award (Best article on perio-systemic connection) 2003 and the Distinguish Scientist Award in Periodontal Research – IADR 2009. Prof. Shapira is a Past-President of the Israeli Society and the Deputy-Chair of the Scientific Affairs Committee of the EFP.



Dr. Jamil Awad SHIBLI

Department of Periodontology and Oral Implantology,
Guarulhos University, São Paulo, Brazil

Education and Professional Activities: Prof. Shibli is Professor and Head of Oral Implantology, Department of Periodontology and Oral Implantology, Dental Research Division, Guarulhos University, SP, Brazil. Prof. Shibli received his PhD and Master degree in Periodontology in 2003 and 2000 respectively evaluating Peri-implant diseases and microbiology composition of these lesions in both pre-clinical and clinical studies. He also spent a PhD period at Department of Oral Biology, SUNY at Buffalo, NY, USA and Department of Oral Pathology in University of Chieti, Italy. He actually is visiting Professor of University of Murcia, Spain, Catholic University of Montevideo, Uruguay and University of Chieti, Italy. Research Interests: His research is focused, but not limited, on Oral Implantology and Periodontology mainly Peri-implant diseases, Guided Bone Regeneration, Growth factors, Implant surface topographies, laser, digital workflow and RCT. Other highlights: He is currently Editorial Board of Journal of International Academy of Periodontology and BMC Ora Health – section of Digital Dentistry. Dr. Shibli is currently reviewer of the principal peer-reviewed journals in the field as International Journal of Oral and Maxillofacial Implants, Clinical Oral Implants Research, Journal of Clinical Periodontology, Journal of Periodontology, Clinical Implant Dentistry and Related Research, Journal of Periodontal Research, PlosOne, Journal of Biomedical Material Research, part B: applied Biomaterials, BioMed Res International. He also is editorial board of Journal of International Academy of Periodontology, BioMed Res International, Case Reports in Dentistry and Brazilian Oral Research. Prof. Shibli is Top #20 among the researchers that publish in Oral Implantology field according to the Tarazona et al. Clin Oral Implants Res 2016 doi.:10.1111/clr.12891.



Speakers / Moderators Curriculum Vitae

Dr. Andreas STAVROPOULOS

Department of Periodontology,
University of Malmö, Sweden



Andreas Stavropoulos (AS) after having studied dentistry in Heidelberg, Germany, and Thessaloniki and Athens, Greece, he worked a few years in private practice limited to periodontics and implant dentistry. AS joined then the dept. of Periodontology, Aarhus University, Denmark, for postgraduate training, where he also received his Ph.D. in 2002 and his dr.odont. degree in 2011, based on preclinical and clinical studies on regenerative periodontal therapy and in association with dental implants. In 2013, AS joined Malmö University as the Professor and Chair in the dept. of Periodontology. AS has received several awards for his research, including the 1st Basic Research Prize of the European Association of Osseointegration (2011) and the Straumann Award in Regenerative Periodontal Medicine, conferred by the IADR (2013). He has authored several publications in international peer-reviewed journals and book chapters, and he is member of several dental journals Editorial Boards. AS is currently Member of the Education Committee of the EAO and the Chancellor of the Periodontal Research Group of IADR.

Dr. Stefan-loan STRATUL

Department of Periodontology,
University of Timisoara, Romania



Dr.med.dent.Stefan-loan Stratul graduated Dental Medicine at the Victor Babes University of Medicine and Pharmacy of Timisoara, Romania, in 1989, and Orthodox Theology at the Alexandru Ioan Cuza University of Iasi, Romania, in 1995. He received a PhD title from the same University, the second PhD title from the Johannes Gutenberg University of Mainz, Germany (thesis director – Professor Anton Sculean), the third PhD title from the Lucian Blaga University of Sibiu, Romania, and a Master degree in Endodontics of the Carol Davila University of Medicine and Pharmacy of Bucharest. Specialist of Periodontology since 2012. He has defended his habilitation thesis in 2015. Professor and Head of the Department of Periodontology of the Victor Babes University of Medicine and Pharmacy Timisoara since 2016. Stefan-loan Stratul has extensively published and lectured in the field of non-surgical and regenerative periodontology. His current main scientific interests are magnification-aided mucogingival and periodontal plastic surgery, and periimplant diseases. Besides his scientific and academic activities, since 1991 he runs a successful large private clinic in Timisoara (Romania), focused on periodontology and performant endodontics.

Dr. Ricardo TELES

Department of Periodontology,
University of North Carolina, Chapel Hill, USA



Dr. Ricardo Teles, OraPharma Distinguished Professor, joined the department of Periodontology at UNC in 08/15/2014. Shortly after joining UNC he was appointed Vice-Chair of the Department of Periodontology. He received his DDS in 1988 from the Federal University of Rio de Janeiro, Brazil. After obtaining his Certificate in Periodontology and a Doctor of Medical Sciences in Oral Biology from the Harvard School of Dental Medicine (HSDM) in 1996, he returned to Brazil to take a position as chair of the Periodontology department at the Estácio de Sá University School of Dentistry in Rio de Janeiro. During his tenure at that institution, he also served as Dean of the dental school from 2000 to 2002. In 2003, he returned to Boston to take a position as Assistant Member of the staff in the Department of Periodontology at the Forsyth Institute and as Clinical Instructor in Periodontology at HSDM. He was promoted to Associate Member of the staff in 2008 and to the tenured position of Senior Member of the Staff in 2011. The focus of his research is to examine in vivo the interplay between subgingival polymicrobial biofilms and mediators of the immuno-inflammatory host response. In 2010, he was awarded a grant from the National Institutes of Health (NIH) to study biomarkers of periodontal disease progression. This ongoing project involved 4 clinical centers in the United States with the goal of monitoring 500 subjects for 12 months without intervention. Subjects were monitored for changes in clinical, immunological and microbiological parameters on a bimonthly basis using state of the art technology. Dr. Teles is an ad-hoc reviewer to many scientific journals and a member of the editorial board of the Journal of Clinical Periodontology, Molecular Oral Microbiology and the Journal of Oral Microbiology. He has authored/co-authored over 80 peer reviewed manuscripts and book chapters.

Speakers / Moderators Curriculum Vitae

Dr. Thomas VAN DYKE

Department of Applied Oral Sciences;
Forsyth Institute, Boston, USA



Education:

- 1969 BA- Natural Science, Case Western Reserve University, Cleveland, OH
- 1973 DDS- Dentistry, Case Western Reserve University
- 1979 MS- Oral Sciences, State University of New York (SUNY) at Buffalo, Buffalo, NY
- 1980 Certificate, Periodontology, SUNY at Buffalo
- 1982 PhD, Oral Biology, SUNY at Buffalo Postdoctoral Training
- 1976-1982 Postdoctoral, Oral Biology (Michael Levine), SUNY at Buffalo Fellow/PhD Candidate

Faculty Academic Appointments:

- 1976-1979 Volunteer Research Periodontics, SUNY at Buffalo Instructor
- 1979-1980 Part-time Clinical, Periodontics, SUNY at Buffalo, Instructor
- 1980-1982 Clinical Assistant, Periodontics and Periodontal, SUNY at Buffalo, Professor and Research Disease Clinical Research Center, Associate Assistant Professor, Periodontology and Oral Biology- Emory University School of Dentistry, Atlanta, GA
- 1982-1987 Associate Professor Periodontology and Oral Biology- Emory University School of Dentistry
- 1987-1990 Professor, Department of Periodontology, Eastman Dental Center, Rochester, NY
- 1991-1995 Professor, Department of Pathology, University of Rochester School of Medicine and Dentistry, Rochester, NY
- 1991-1995 Adjunct Associate, Department of Dental Research, University of Rochester Professor School of Medicine and Dentistry
- 1995-2010 Professor Periodontology and Oral Biology, Boston University, Goldman School of Dental Medicine, Boston, MA
- 2002-2010 Faculty Member, Division of Graduate Medical, Boston University School, Sciences of Medicine
- 2010 Adjunct Professor, Periodontology and Oral Biology, Boston University School of Dental Medicine
- 2012 Lecturer (holding Department of Oral Medicine, Harvard School of Dental appointment) Infection, and Immunity Medicine (HSDM), Boston, MA Appointments at Hospitals/Affiliated Institutions:
- 1983-1992 Affiliate Scientist, Department of Pathology, Yerkes National Primate, Research Center, Emory University

Speakers / Moderators Curriculum Vitae

- 1984-1990 Guest Researcher, Anaerobic/Microbe Laboratory, Centers for Disease Control and Prevention, Atlanta, GA
- 1998-2010 Senior Clinical, Clinical Research Collaborative, The Research Institute, Investigator Division of Forsyth, Institute, Cambridge, MA
- 2010 Senior Member of Staff, Applied Oral Sciences, The Forsyth Institute
- 2010 Affiliate Professor, Center for Experimental, Brigham and Women's, Therapeutics and Reperfusion, Hospital, Boston, MA; Injury (CETRI), Department of, Anesthesia and Perioperative Pain
- Other Professional Positions:
- 1973-1976 General Dentistry Officer, Bad Toelz, US Army
- 1990-1991 Lieutenant Colonel, US Army-Operation Desert Shield/Desert Storm
- Major Administrative Leadership Positions:
- 1983-1990 Director, Graduate Periodontology- Emory University School of Dentistry
- 1985-1990 Chair, Department of Periodontology- Emory University School of Dentistry
- 1991-1995 Chair, Department of Periodontology- Eastman Dental Center
- 1995-2009 Director, Graduate Periodontology- Boston University School of Dental Medicine
- 1995-2010 Director, Clinical Research Center- Boston University School of Dental Medicine
- 2000-2010 Associate Director, General Clinical Boston University School of Medicine Research Center/Clinical and Translational Science Institute GCRC/CTSI
- 2010 Vice President, Clinical and Translational The Forsyth Institute, Research
- 2010 Chair, Department of Applied Oral Sciences; The Forsyth Institute
- Committee Service:
- 1982-1990 Advanced Education Committee-Emory University School of Dentistry
- 1982-1990 Continuing Education Committee- Emory University School of Dentistry
- 1982-1990 Human Rights Committee- Emory University School of Dentistry
- 1982-1990 Materials, Safety and Therapeutics- Emory University School of Dentistry Committee
- 1982-1990 Research Committee- Emory University School of Dentistry
- 1987 Search Committee, Director of General- Emory University School of Dentistry Practice Residency
- 1987-1988 Search Committee, Chairman of Prosthetics- Emory University School of Dentistry Chairman
- 1992 Search Committee, Chair of Orthodontics, Eastman Dental Center, Chairman
- 1997 Task Force for Strategic Partnering, Boston University Goldman School of Dental Medicine

Speakers / Moderators Curriculum Vitae

1997-2010	Appointments and Promotions Committee, Boston University Goldman School of Dental Medicine
2005-2010	Core Facilities Committee, Boston University Medical Center
2006-2010	LASC Users Oversight Committee, Boston University
2009	Institutional Conflict of Interest Committee, Boston University
2010	Senior Management Committee, The Forsyth Institute, Member
2010	Strategic Planning Committee, The Forsyth Institute, Member, National and International
1990	Scientific Organizing Committee, International Conference on Periodontal, Research
1992	Organizing Committee, International Conference on Periodontal, Research, Osaka, Japan
1995	Organizing Committee, International Conference on Periodontal, Research-Rochester, NY, Chair
1997	Organizing Committee, Host Parasite Interactions in Periodontal, Disease- St. Petersburg, Florida
1999	Organizing Committee, International Conference on Periodontal Research, Sweden, Member
1999	Organizing Committee International Academy of Periodontology, Chair
2001-2006	Data and Safety Monitoring Board, MCV, Chair
2007	Organizing Committee for Inflammation, Chair, Workshop, Professional Societies
1976	International/American Association for Dental Research (IADR)
1983-1986	Membership Committee
1990	Scientific Organizing Committee, International Conference on Periodontal Research
1990-1993	Science Information Committee
1991-1992	IADR/AADR Periodontal Research Group
1992	Organizing Committee, International Conference on Periodontal Research, Osaka, Japan
1995	Organizing Committee, International Conference on Periodontal Research, Rochester, NY
1999	Organizing Committee, International Conference on Periodontal Research, Sweden
1978	American Academy of Periodontology (AAP)
1993-1999	Research Science and Therapy Committee
2000-2001	Partners in Clinical Excellence Committee, AAP Foundation
2008	Steering Committee on Inflammation
2009-2010	Research Submissions Committee
1982	American Association of Immunology (AAI)
1982	American Association for the Advancement of Science (AAAS)

Speakers / Moderators Curriculum Vitae



1985-1995	American Society for Microbiology
1989	American Board of Periodontology, Diplomate
1989: 1996	Council on Therapeutics ADA, Consultant
1993-1995	Council on Dental Therapeutics Committee
1997	Consultant, Council on Scientific Affairs and Programs
1999-2010	Judge, SCADA Competition
1994	International Academy of Periodontology, Chair, Organizing Committee, Monaco
1999	Member, Organizing Committee, Korea
2002-2004	Vice President
2004-2006	President-Elect
2005-2014	Executive Director
2006-2008	President
2008-2010	Immediate Past President
1995	Massachusetts Dental Society
1995	Society for Leukocyte Biology
1995	Northeastern Society of Periodontics
1997	Journal of Periodontology
2000	International Endotoxin & Innate Immunity Society
2010-2012	International Society of Nutrigenetics/Nutrigenomics

Speakers / Moderators Curriculum Vitae

Dr. Friedrich WIDU

Department of Orthodontics,
University of Aachen, Germany

2000 Specialization in Orthodontics at the University of Aachen, Germany (prof. Drescher)
1996-2000 PhD from "Victor Babes" University Timisoara
1996 DGKFO Prize for best Scientific presentation
1995-1998 PhD Magna cum laude from Rheinische Friedrich Wilhelms Universität Bonn, Germany
1988-1994 Dental Medicine University at "Carol Davila" Bucharest
1990-1991 Semmelweis University Budapest
2010 Master in lingual orthodontics - Universitate VII Diderot Paris, France
Invisalign Specialist since 2001
Platinum Doctor for Invisalign, over 1500 cases



Dr. Giovanni ZUCHELLI

Department of Periodontology, University of Bologna, Italy

- Graduated in 1988 from the university of Bologna, Italy with a degree in dentistry.
- He was awarded PhD in Medical Biotechnology in 1999 from the University of Bologna, Italy
- Professor of periodontology at the University of Bologna, Italy (2000)
- Received many awards for clinical research in periodontology in Europe and the USA
- In 2006 and 2008 is the winner of The AAP Foundation-E Bud Tarrson Research Award in Oral Plastic Surgery
- Active member of EAED (European Academy of Esthetic Dentistry), SidP (Italian Society of Periodontology) and SIO (Italian Society of Osteointegration); member of the European Federation of Periodontology
- Associate Editor of the International Journal of Esthetic Dentistry and Member of the editorial board the International Journal of Periodontics and Restorative Dentistry.
- Peer reviewer in most ranked Periodontal Journals; author of 100 publications in Pubmed
- Innovator of several soft tissue plastic surgical techniques
- Speaker at major international conferences on periodontology
- Has taught theoretical and practical (with live Surgery) courses in all countries.
- Co-author of two illustrated textbooks on periodontal plastic surgery (Ed. Martina), chapter "Mucogingival Therapy-Periodontal Plastic Surgery" in Clinical Periodontology and Implant Dentistry (Lindhe J, Lang NP, Karring T [eds], Wiley-Blackwell, Author of the book title, 'Mucogingival Esthetic Surgery'



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Useful information

Organizers:

Anton SCULEAN, Alpdogan KANTARCI, Raluca COSGAREA

The official language of the event is English. A simultaneous translation from English to Romanian and Romanian to English will be available for all participants except for workshops.

Secretariat

The scientific secretariat will be located inside Hotel Kronwell, near the reception and with the following program:

Wednesday, 26th of April:	14.00 – 18.00
Thursday, 27th of April:	07.00 – 18.00
Friday, 28th of April:	07.00 – 18.00
Saturday, 29th of April:	07.30 – 19.00

The badge is released for all participants enrolled at the event, and for exhibitors. The access in conference halls is strictly based on the badge released at the secretariat.

Poster session

Poster presenters should be in front of their posters during the coffee breaks on Friday April 28th, in the morning and in the afternoon, to allow judges to evaluate the posters for competition. Posters should be mounted up on April 28th, between 07:00-08:30.

Certificate of Attendance

On the last day of the event, **April 29th** the participants will be able to pick up their Certificate of Attendance. The certificate will be handed out after filling in the evaluation form (the evaluation form will be received by every participant on Saturday morning).

The 16th International Biennial Congress of the International Academy of Periodontology (IAP), Brasov, Romania (27–29.04.2017) has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME) with **18 European CME credits (ECMEC)**.

To all participants

The organizing committee and Paloma Tours do not take any responsibility for any damages of any nature or any loss. All cost of purchased goods at the restaurant or bar/minibar will be the responsibility of the participants.

During the congress, a **Tourist Information Point** will be set up near the Registration Desk, where you can purchase trips in Brasov and its surroundings.

Useful information

Practical information:

Company	Rate	Phone Number
Tod Taxi	1.53 lei / km	004 0268 321 111; 004 0748 321 111
Bratax Taxi	1.53 lei / km	004 0268 315 555; 004 0757 315 555
Martax Taxi	1.50 lei / km	004 0268 313 040; 004 0745 313 040

CURRENCY: 1 EURO = 4.5 RON (lei)

TIMEZONE: GMT+2

POWER: 220W

Logistic Organiser contacts:

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Tel: +4021 3146647

Fax: +4021 3146647

www.palomatours.com

www.medical-congresses.com

Loredana SALANȚĂ: +4 0752 168811

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Alin CIUTA: +4 0755 123448

alin.ciuta@palomatours.com

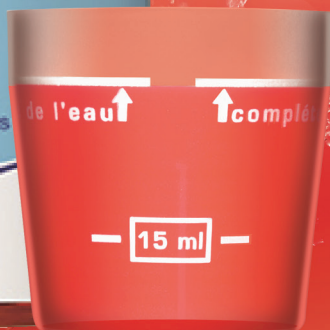


APĂ DE GURĂ INDICATĂ ÎN AFECȚIUNILE CAVITĂȚII BUCALE
ȘI ÎNGRIJIRE POST-OPERATORIE ORTODONTO-STOMATOLOGICĂ

EludrilCLASSIC

CLORHEXIDINĂ 0,10% - CLORBUTANOL 0,50%

Protecție și
îngrijire pentru
cavitatea bucală.



EXPERT ÎN IGIENA ORALĂ

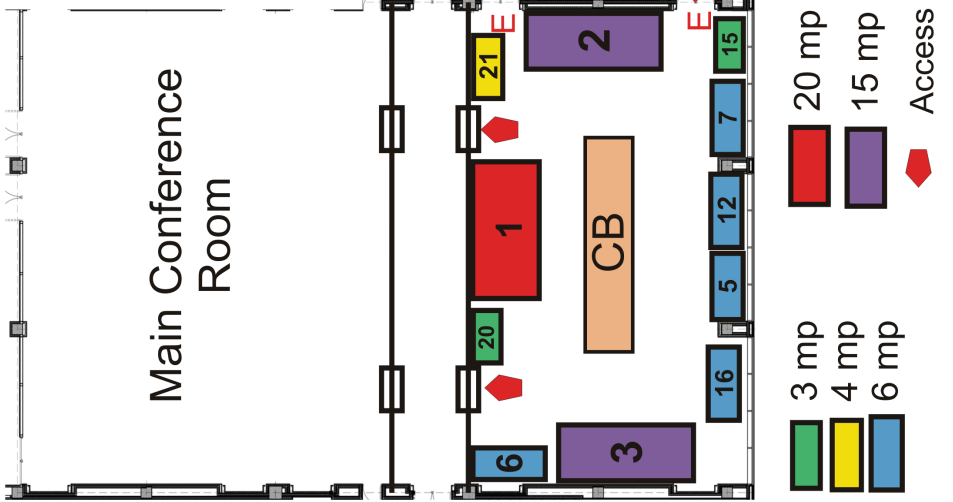
Pierre Fabre
ORAL CARE

Oral health powered by science

Exhibitors map

No	EXHIBITOR
14	ADRI SMILE
15	KRKA
16	GSK
17	MIS
18	KOINE
19	DEXCELLENCE
20	EUROCOMINVEST
21	MEGAGEN
22	IMPLANTIIUM
23	ACTEON
24	TERAPIA
25	SMILE FACTORY

No	EXHIBITOR
1	PROCTER AND GAMBLE (P&G)
2	STRAUMANN - BOTISS
3	GEISTLICH - ARTISBIOTECH
4	BREDENT
5	EMS
6	STOMA
7	HU FRIEDY
8	BIOLASE
9	DENT-A-AMERICA/CURAPROX
10	PROFIMED
11	A&D PHARMA
12	IMPLANT DIVISION
13	QUINTESSENCE



Main Conference Room

Banqueting

Main Entrance

CB

- 3 mp
- 4 mp
- 6 mp
- 20 mp
- 15 mp
- Access

Notes



Notes



IAP 2017 | 16TH INTERNATIONAL CONGRESS OF PERIODONTOLOGY OF THE INTERNATIONAL ACADEMY OF PERIODONTOLOGY



ATEM Transylvanian
Association
for Medical Education

27 - 29 April 2017 | Braşov, Romania



Congress partners:

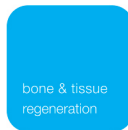


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IMPLANTIUM
& MEDICAL COMPANY

PHILIPS
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