



## **ADVANCES IN PERSONALIZED** AND REGENERATIVE DENTISTRY

## **Featuring faculty from** Harvard School of Dental Medicine

William V. Giannobile **Giulio Rasperini** Tiziano Testori **Giorgio Pagni** 





### William Giannobile

Dr. William Giannobile is the 11th Dean of the Harvard School of Dental Medicine and the A. Lee Loomis Professor of Oral Medicine, Infection and Immunity. He received his DDS and an MS in Oral Biology from the University of Missouri. He later received his Certificate in Periodontology and Doctor of Medical Sciences in Oral Biology from Harvard University. He subsequently completed postdoctoral training in Molecular Biology at the Dana-Farber Cancer Institute and Harvard Medical School. Dr. Giannobile served as a faculty member at Harvard and the Forsyth Institute in Boston from 1996-98. Dr. Giannobile was a faculty member at Michigan from 1998-2020 and served as the Inaugural Director of the Michigan Center for Oral Health Research from 2003-2012. He has previously served as a Visiting Professor at the Biotechnology Institute of Regenerative Medicine at the University of Genoa Medical School in Genoa, Italy and as a Visiting Professor at the Eastman Dental Institute, University College London. He also served as Editor-in-Chief of the Journal of Dental Research from 2010-2020.

Dr. Giannobile has published and lectured extensively in the areas of Periodontal Regenerative Medicine and Personalized Medicine. He is a Co-Director of the NIDCR-funded Michigan-Pittsburgh-Wyss at Harvard Regenerative Medicine Resource Center. This center is devoted to the translation of novel tissue engineering technologies for dental, oral and craniofacial clinical reconstruction. He is also a consultant to the U.S. Food and Drug Administration for Dental Devices. He is the Past President of the Osteology Foundation and the American Academy of Periodontology Foundation. Dr. Giannobile is a Diplomate of the American Board of Periodontology and a Fellow of the International College of Dentists and the American Association for the Advancement of Science. In addition to his faculty appointment at Harvard, he maintains a private practice limited to periodontics and implantology at the Harvard Dental Center in Cambridge, Massachusetts

### **Gulio** Rasperini

Dr. Rasperini is Associate Professor of Dentistry and Periodontology at the Department of Biomedical, Surgical and Dental Sciences, University of Milan, Milan, Italy.

Adjunct Professor and part-time Faculty at Harvard School of Dental Medicine, Boston, MA USA

Dr.Rasperini received his D.D.S. from the University of Pavia in 1990, his certificate of specialist in Orthodontics from the University of Milan in 1997, his certificate as Active Member of the Italian Society of Periodontology and Implantology (SIdP) in 1997. He later received his certificate as Active Member of the European Academy of Esthetic Dentistry (EAED) in 2009, Full member British Academy of Aesthetic Dentistry (BAAD) 2015-2022, Italian Academy of Osseointegration (IAO) in 2022, Board member of the International Academy of Periodontology (IAP) 2023-actual

Dr. Rasperini is member of the Editorial Board of the International Journal of Periodontics & Restorative Dentistry and is ad hoc reviewer in the editorial boards of multiple journals.

He has published over 125 papers on PubMed, h-index 41 and more then 6000 citations. He lectured extensively in the five Continents in the fields of Periodontology and Implantology, Regenerative Medicine, Surgical techniques for periodontal and peri-implant tissues reconstruction.

Winner of Awards for research with his co-workes: International Quintessence Publishing Award (Boston 2000 - 2004), Goldman Prize (SIdP 1996 - 2010 - 2017), Clinical Research Award (EAO 2010), Earl Robinson Periodontal Regeneration Award (AAP 2012), Align Research Award (2013).

He is the founder of the iPerio Education Center in Piacenza, Italy, where he teach his philosophy of treatment and concepts of the modern dentistry.

### **Tiziano** Testori

Received his MD degree (1981), DDS degree (1984). Specialty in Orthodontics (1986) from University of Milan, Italy. Fellowship at:

 Department of Oral Maxillo-Facial Surgery (Head: Philip J. Boy Loma Linda CA (1991).

- Division of Oral Maxillo-Facial Surgery (Head: Robert E. Marx, DDS), School of Medicine, University of Miami, Miami FL (2000). Currently Head of the Section of Implant Dentistry and Oral Rehabilitation. IRCCS, Galeazzi Institute, Milan, Italy. Department of Biomedical, Surgical and Dental Science (Chairman: prof. L. Francetti), University of Milan, Italy. Adjunct Clinical Associate Professor, Department of Periodontics and Oral Medicine, University of Michigan, School of Dentistry, Ann Arbor, Michigan 48109-1078 USA.

Founder and Scientific Director, Lake Como Institute (LCI) Implant Advanced Training Center, Como, Italy. Past-President (2017-2018) of the Italian Academy of Osseointegration (IAO). Section Editor: Clinical Concepts for the "International Journal of Oral Implantology" (IJOI), Quintessence Publishing, Hanover Park, Illinois (USA).

Member of the Editorial Board of IJOMI, IJPRD, Quintessence Publishing, Hanover Park, Illinois (USA). Vice Chair of the "Global Program Development Committee", Member of the "Global Education Committee", Member of the "Credential Committee" for the Academy of Osseointegration (AO).

Winner of the William R. Laney Award for the best article published in the International Journal of Oral and Maxillofacial Implants (IJOMI) 2007.

Author of 3 books in Implantology edited by Quintessence Publishing, Hanover Park, Illinois (USA). Author of 151 peer-reviewed publications indexed in Pub Med.



Professor School of Dentistry - University of Milan. Master in Periodontics and Oral Medicine - University of Michigan. Diplomate - American Board of Periodontology. Active member of SIDP and Florence Perio Group. Member of the Board of AAP, ANDI Florence, Educational Task Force and Box Team (Osteology Foundation). Responsible for SIDP Giovani and National Osteology Group Italy. Reviewer of JDR. IJPRD, Plos One, J Perio. Private Practice - Florence, Italy

- Department of Oral Maxillo-Facial Surgery (Head: Philip J. Boyne, DMD, MS, DSc), School of Dentistry, Loma Linda University,



# PROGRAM

08.00 - 09.00	Registration
9.00	Opening Giulio Rasperini
09.00 - 10.30	Giorgio Pagni
10.30 - 11.30	William Giannobile
11.30 - 12.00	Break
12.00 - 13.00	Tiziano Testori
13.00 - 14.30	Lunch
14.30 - 15.30	William Giannobile
15.30 - 16.00	Break
16.00 - 16.45	Giulio Rasperini
16.45 - 17.15	Panel discussion and conclusion

# **MORNING SESSION**



#### **Giorgio Pagni**

A modern approach to periodontal care: Improve your practice efficiency while preserving your patients natural dentition



#### **Tiziano Testori**

One Surgery Protocol: How to make Daily Professional Practice Efficient Sustainable and Ethical

# **AFTERNOON SESSION**



#### William Giannobile

Future of Personalized Medicine in Dentistry: Al and Computer Vision to improve Clinical Care

The use of personalized/precision medicine includes the "4 P's" of predictive, preventive, personalized and participatory for improved patient care. This presentation will highlight the use of these approaches to the oral health arena for the improved diagnostic and prognostic approaches for dental patients with teeth and dental implants. The presentation will highlight advances in oral diagnostics such as saliva-based technologies that can measure protein, gene and microbial biomarkers of disease that may have application for patient care. Many of these tests are under development that could have chair-side applications with hand-held devices as rapid point-of-care (POC) use. The use of such tests may have clinical utility in identifying patients at high risk and low risk for adverse clinical outcomes such as tooth loss or in determining treatment approaches and periodontal and peri-implant therapies using Al/Machine Learning through Computer Vision. The concept of patient stratification will be presented that has been applied in many areas of medicine such as in public health scenarios.



#### **Gulio Rasperini**

The Regenerative Plastic Periodontal Surgical Procedures



**Course Fee** € 400,00 + 22 % VAT\*

(ANDI - SIdP - IAO) Members € 350,00 + 22 %VAT\*

\*For the EU Residents Vies Registered and Non EU members no VAT

**Location** VOLUMNIA Stradone Farnese, 33 29121 Piacenza PC Payment method BANK TRANSFER IBAN: IT66G0515612600CC0000042384 SWIFT:BCPCIT2P Causal: 2025 REUNION

**Registration Contact** Email: education@iperio.org Whats App: +39 342 839 8701

**Language** English simultaneous translation English Italian

## Accomodation

#### **BED & BREAKFAST**

**Domus San Martino** Via Roma, 51

**Il Cortiletto** Via Roma 155 A

**Casa Michela** Corso V. Emanuele 118

**La Meridiana** Via Roma 64

#### HOTEL

**GrandeAlbergo Roma** Via Cittadella, 14

#### PARKING

**Parcheggio Cavallerizza** Stradone Farnese, 39 29121 Piacenza

**Parcheggio San Francesco** Via S.Francesco D'Assisi, 6 29121 Piacenza