

## Lasers & Bio-photonics Group ▼

### Distinguished Scientist Award

This award recognizes and honors outstanding contributions to the field of lasers and biophotonics in dentistry.



**Anton Sculean** D.M.D., Dr. med.  
Dent., M.S., Ph.D.  
Professor and Chairman  
Department of Periodontology  
Executive Director, School of  
Dental Medicine  
University of Bern

This award is established to provide international recognition for outstanding efforts to foster and promote education in laser dentistry. It intends to identify individuals at all levels of their careers in academia, industry, and other areas promoting education in lasers in dentistry.

### Excellence in Education Award



**Akira Aoki** DDS, PhD  
Professor,  
Tokyo Medical and  
Dental University  
Japan

### Distinguished Mentoring Award

This award is established to provide international recognition for outstanding efforts to foster and promote the research training and career development of students, trainees, and junior faculty in the field of laser dentistry.



**Josep Arnabat** MD, DDS,  
MS, PhD  
Professor  
University of Barcelona

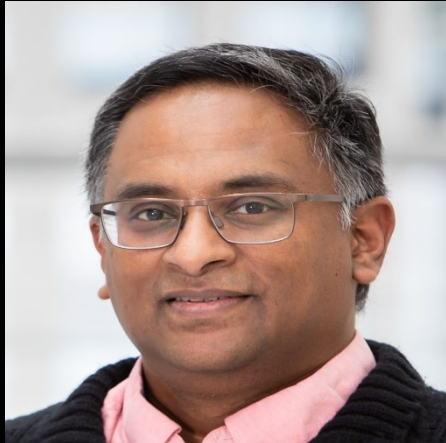
To promote innovation in dental laser research and to recognize outstanding research contributions by promising young investigators, the IADR Lasers & Biophotonics Group has instituted an award for the best dental laser-related young investigator research presented during the IADR General Session & Exhibition.

### Young Investigator Award



**Ridham Varsani** BDS, MS  
University at Buffalo,  
School of Dental Medicine,  
NY USA

## Lasers & Bio-photonics Group ▼



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## Lasers & Bio-photonics Group ▼

### Initiative planned (2024-2025)

#### 1. Session proposals

- ☞ Surgical Lasers – Soft Tissue
- ☞ Surgical Lasers – Hard Tissue
- ☞ Photodynamic Therapy
- ☞ Photobiomodulation
- ☞ Accelerated tooth movement
- ☞ Photoactivated Disinfection
- ☞ Biophotonics – Imaging, Diagnostics, Theranostics

#### 2. Collaborations with ADA, ADEA, ALD, WFLD, WALT

#### 3. Quarterly Webinar series

#### 4. Student Research Group

#### 5. Commercial engagement: Sponsorships for Exhibition & Table clinics

#### 6. Newsletter, Website, Social media

#### 7. Volunteers, Officers, Committee members (abstract reviews)



# Lasers & Bio-photonics Group ▼

Date	Time	Session ID	Location	Topic
13 <sup>th</sup> Wed	500-600 pm	0000	New Orleans Theater	Opening Ceremony
	600-700 pm	0000	Live Oak Poarch	Welcome Reception
14 <sup>th</sup> Thur	800-930 am	0075	Room 290	Evidence of Peri-implantitis Treatment Using Laser Irradiation
	530-630 pm	0000	Room 278	Business Meeting: Laser and Biophotonics
	630-730 pm	0000	Room 297	Joint Reception: Lasers and Biophotonics, Implantology & Prosthodontics
15 <sup>th</sup> Fri	800-930 am	0184	Room 270	Lasers and Biophotonics (Abstract podium session)
	1100-1215 pm	0007	Hall J	Lasers and Biophotonics (Abstract poster session)
	345-500 pm	0010	Hall J	Lasers and Biophotonics (Abstract poster session)
16 <sup>th</sup> Sat	200-330 pm	0322	Room 297	Photobiomodulation in the Management of Oral Complications of Cancer Therapies



## Photobiomodulation in the Management of Oral Complications of Cancer Therapies

1. Joel Epstein, DMD University at California Los Angeles

**Photobiomodulation therapy for oral complication of cancer therapy**



2. Sharon Elad DMD University at Rochester

**Photobiomodulation Therapy for Oral Mucositis: Clinical Practise Guidelines and Beyond**

3. Nathaniel Treister DMD, DMSc Harvard University

**Safety and feasibility of photobiomodulation therapy in pediatric cancer patients**



4. Praveen Arany, DDS, PhD University at Buffalo

**Molecular Mechanisms and Clinical Dosimetry: Enabling Clinical Translation with Photobiomodulation Therapy**

Supported by: CTSN, EBD, OMP

