

AI & BIOTECHNOLOGY CONFERENCE

PHOTOBIOMODULATION

Bridging Intelligence and Life Sciences for a Healthier Tomorrow

The Foundation for Art, Science, and Humanitarian Mission • 501(c)(3)

MODERATORS

Juliana Cools — NYU

Steven Nunez — BMCC

In collaboration with Lions Clubs International

Sunday, November 22, 2026 | 8:30 AM–6:00 PM | New Jersey, USA

Hybrid: Onsite & Zoom • Scientific program labeled Zoom on the poster

Scientific Focus Areas

Artificial Intelligence • Biotechnology • Photobiomodulation (PBM) • Regenerative Medicine • Precision Healthcare • Global Health & Humanitarian Impact

SCIENTIFIC PROGRAM — SUNDAY, NOVEMBER 22, 2026 (ZOOM)

8:30–9:00 AM | Registration and Welcome (Zoom)

Registration of participants; welcome coffee (virtual); introduction of distinguished guests and scientific faculty.

9:00–9:30 AM | Opening Ceremony (Zoom)

Welcome remarks; conference overview and goals.

9:30–11:00 AM | Session I — Artificial Intelligence, Data Science & Precision Medicine (Zoom)

Prof. Saeed Amal, PhD (USA)	AI and Predictive Medicine: Opportunities and Clinical Applications
Prof. Francesco Iarlori (Italy)	AI Transformation and Digital Innovation in Healthcare
Prof. Rodolfo Valacca (Italy)	Generative AI and Intelligent Systems for Medicine
Dr. Jörg Sträßer (Germany)	Explainable AI and Responsible Innovation in Healthcare
Prof. Flavio V. Iannelli (Australia)	AI in Healthcare and Biomedical Innovation
Dr. Orvil Martinez (USA)	AI in Clinical Practice and Research
Prof. Sam Lingham (USA)	AI, Data Science and Global Health Solutions
Dr. Olga Gagua (USA)	AI for Health Equity and Innovation in Underserved Communities
Dr. Palmito (Brazil)	AI Integration in Clinical and Humanitarian Healthcare Systems

11:00–11:15 AM | Coffee Break (Zoom)

11:15 AM–12:45 PM | Session II — AI in Surgery, Imaging & Biotechnology (Zoom)

Prof. Michael Stark (USA)	AI and the Future of Surgery
Prof. Andreas H. Hielscher (USA)	AI-Enabled Biomedical Imaging and Optical Technologies
Dr. Yvonne Maratos (France)	AI in Medical Imaging and Diagnostic Radiology
Prof. Florence Tushabe (Uganda)	AI for Global Health Equity and Innovation in Low-Resource Settings

12:45–1:30 PM | Lunch and Scientific Networking (Zoom)

1:30–3:30 PM | Session III — International Photobiomodulation & Regenerative Medicine (Zoom)

Prof. Cheng-Jen Chang (Taiwan)	Advances in Photobiomodulation and Regenerative Medicine
Prof. Tzu-Sen Yang (Taiwan)	Cellular Mechanisms and Biomedical Innovation in Photobiomodulation
Dr. Ana Elena Aviña (Taiwan)	Photobiomodulation and Stem Cell Applications

Dr. Nguyen Le Thanh Hang (Taiwan)	Photobiomodulation for Cartilage Repair and Tissue Regeneration
Prof. Reem Hanna (Lebanon)	PBM in Oncology and Oral Mucositis
Prof. René-Jean Bensadoun (France)	Clinical Applications and Treatment Guidelines

3:30–6:00 PM | Session IV — Clinical Applications, Protocols and Global Impact (Zoom)

- Laser parameters, dosimetry and clinical protocols
- Hands-on workshop and case discussions
- Integration of AI in PBM clinical practice
- Global health applications and humanitarian impact

Dr. Véronique Petit (France) — Artificial Intelligence in Forensic Sciences: DNA Analysis, Toxicology and Modern Investigative Technologies

After Program | Zoom

Networking, discussions and international collaboration.

SATURDAY, NOVEMBER 21, 2026 — LIONS EVENT

LIONS CLUBS INTERNATIONAL PRESENTS

LECTURE — Prof. Dana York, DDS, MS, PhD

FOLLOWED BY DANCE

In the benefit of survivors of PTSD

Saturday, November 21, 2026 | 6:00 PM

385 Howland Avenue, River Edge, NJ 07661

RSVP: info@emla.info

The poster also displays a Zoom networking and international collaboration note in its Saturday footer.

Note: Dr. Palmito (Brazil) appears in Session I and Dr. Véronique Petit has been added to Session IV. This is a proposed program; speaker participation and lecture titles should be confirmed before distribution.