

Assigned Abstracts Outline

Podium Talks (Oral Presentations)

Date	Abstract Session	Time	Room	Topic	Assigned Abstract Numbers
Thur 4 th	1	0900-1030	Cogolin	Dentistry - 1	226, 151, 238, 57, 244, 44
	2	1100-1230	Cogolin	Musculoskeletal - 1	211, 199, 108, 165, 23, 128
	3	1100-1230	St Paul	Neurorehabilitation	122, 109, 210, 201, 110
	4	1430-1545	Cogolin	Cancer Care - 1	115, 46, 28, 240, 213
	5	1615-1730	Cogolin	PBM Therapy - 1	215, 71, 112, 37, 49
	6	1615-1730	St Paul	PBM therapy - Dose & Mechanisms	205, 196, 134, 124, 114
	LB1	0900-1030	St Paul	Late breaking - 1	150, 197, 247, 54, 58, 140
	LB2	1330-1430	Tourette	Late breaking - 2	241, 85, 87, 31
Fri 5 th	7	0900-1030	Cogolin	Musculoskeletal - 2	93, 84, 86, 92, 202
	8	1100-1230	Cogolin	Cancer Care - 2	45, 136, 32, 72, 173
	9	1400-1530	Cogolin	Dentistry - 2	118, 177, 149, 119, 170, 230, 35
	10	1600-1730	Tourette	Cancer Care - 3	153, 135, 125, 77, 223, 208
	11	1600-1730	Cogolin	PBM Therapy - 2	204, 187, 59, 203, 40, 188
	12	1600-1730	St Paul	PBM Therapy - 3	20, 67, 36, 83, 48, 189

Poster Presentations

Date	Topics	Assigned Abstract Numbers
Thur 4 th and Fri 5 th	Poster 1: Cancer Care	218, 198, 186, 111, 100, 91, 82, 66, 53, 52, 200, 183, 98, 180, 63, 42, 232, 251, 115
	Poster 2: Wound Healing	176, 174, 152, 130, 129, 94, 80, 69, 209, 206, 178, 143, 62
	Poster 3: Dentistry	179, 164, 160, 113, 105, 101, 97, 76, 50, 43, 145, 104, 219, 225
	Poster 4: Musculoskeletal & Neurorehabilitative	184, 171, 146, 133, 99, 73, 41, 38, 157, 166, 224, 242, 141, 132

Oral Sessions Schedule

Wednesday, October 3, 2018

Time	Room	Presenter	Title	Type	Session
13:30	Biot	Dr. Jan Bjordal	Physical Therapy	Workshop	Pre-conference
13:30	Cogolin	Dr. Michael Hamblin	Scientific Publishing	Workshop	Pre-conference
13:30	St Paul	Dr. Hans Michael Weber	PBM-PDT	Workshop	Pre-conference
13:30	Tourette	Dr. Richard Godine	Veterinary	Workshop	Pre-conference
13:30	Vallauris	Dr. Rene-Jean Bensadoun	Cancer Safety	Workshop	Pre-conference
15.00	Coffee Break				
15:30	Biot	Dr. Jan Tuner	Dentistry	Workshop	Pre-conference
15:30	Cogolin	Prof. Dr. Gerhard Litscher	Acupuncture	Workshop	Pre-conference
15:30	St Paul	Dr. Jeri-Ann Lyons	Research	Workshop	Pre-conference
15:30	Tourette	Dr. Rochard Godine	Veterinary	Workshop	Pre-conference
15:30	Vallauris	Dr. Liisa Laakso	Clinical Trials	Workshop	Pre-conference
17:00	Vallauris	Dr. Rene-Jean Bensadoun	Introduction à la Conférence Internationale "Nice WALT 2018"	Oral Invited	Opening Ceremony
17:25	Vallauris	Dr. Reza Fekrazad	History of WALT	Oral Invited	Opening Ceremony
18:00	Vallauris	Dr. Jan Bjordal	When is there enough scientific evidence to implement PBM in clinical settings?	Oral Invited	Presidential 1
18:30	Vallauris	Dr. Clark Tedford	LIGHTSITE I: A Double-Masked, Randomized, Sham-Controlled Study with Photobiomodulation in Dry Age-Related Macular Degeneration Subjects	Oral Invited Plenary	Plenary 1
19:00	Vallauris	Dr. Praveen Arany	A Photocutaneous approach to Molecular Mechanisms and Clinical Dosimetry for Photobiomodulation Therapy Can 'light' be a drug?	Oral Invited	Presidential 2
19:30	Vallauris	Dr. Uri Oron	Photobiomodulation therapy of cells in the bone marrow: from bench to bedside	Oral Invited Plenary	Plenary 2
20.00	Welcome Reception				

Thursday, October 4, 2018

Time	Room	Presenter	Title	Type	Session
07:30	Mougins and Biot	Welcome coffee sponsored by Malongo	Welcome coffee sponsored by Malongo	Welcome coffee	Welcome coffee sponsored by Malongo
08:00	Vallauris	Dr. Nivaldo Parizotto	Can photobiomodulation treat obesity and metabolic syndrome?	Oral invited Plenary	Plenary 3
09:00	Cogolin	Dr. Reem Hanna	Photobiomodulation Therapy for Burning Mouth Syndrome and Oral Iatrogenic Nerve Injuries, a Case Series	Oral	Dentistry 1
09:00	Saint Paul	Dr. Dlgpal Dharkar	District level early detection programs, our experiences in use of various modalities, including CO2 lasers for oral precancer screening	Oral	Late Breaking 1
09:00	Tourette	Assoc.Prof. Nicolette Houeild	Influence of Photobiomodulation at 660 nm on EGF Expression and the JAK/STAT Pathway and Fibroblast Differentiation: Diabetic Wounded Cell Model	Oral Invited future vision	Metabolic and Autoimmune
09:00	Vallauris	Dr. Ernesto Cesar Leal Junior	PBM in Musculoskeletal Disorders and Sport Medicine	Oral Invited clinical guidelines	Musculoskeletal Guidelines
09:15	Cogolin	Prof.Dr. Cassia Nakashima	How can Laser act in halitosis treatment?	Oral	Dentistry 1
09:15	Saint Paul	Dr. Karina Brajato	Photobiomodulation reduces lung inflammation in experimental model of asthma: Dosimetry studies	Oral	Late Breaking 1
09:20	Vallauris	Prof. Cleber Ferraresi	Dose and time response in photobiomodulation on chronic low-back pain patients: randomized, crossover, double-blind, placebo-controlled clinical study	Oral Invited clinical guidelines	Musculoskeletal
09:30	Cogolin	Assoc.Prof. Elen Mangialardo	Evaluation of pain and clinical repair in patients submitted to frenectomy by diode (808nm) or Er,Cr:YSGG (2780nm) lasers or by the conventional technique	Oral	Dentistry 1
09:30	Saint Paul	Prof. Yasaman Zandi Mehran	Innovative method in neurotherapy; neurology and psychiatry; Investigation of Transcranial laser stimulation (TLS) on EEG rhythms	Oral	Late Breaking 1
09:40	Vallauris	Dr. Martin Stausholm	What is the clinical evidence for LLLT – PBM in knee osteoarthritis?	Oral Invited clinical guidelines	Musculoskeletal
09:45	Cogolin	Prof.Dr. Alessandro Deana	laser speckle image analysis as a diagnosis tool for tooth lesions	Oral	Dentistry 1
09:45	Saint Paul	Assoc.Prof. Maria Cristina Deboni	Photobiomodulation therapy after lower third molar surgery: a randomized crossover clinical trial comparing intra versus extraoral single-session	Oral	Late Breaking 1
09:45	Tourette	Assoc.Prof. Laura Ailioaie	Photobiomodulation advanced applications in pediatric autoimmune rheumatic diseases	Oral Invited future vision	Metabolic and Autoimmune
10:00	Cogolin	Prof.Dr. Wasundhara Bhad	Efficacy of low-intensity laser therapy in reducing treatment time and orthodontic pain: A clinical investigation	Oral	Dentistry 1
10:00	Saint Paul	Dr. Danila Oliveira	Efeitos hemodinâmicos e autonômicos da terapia de fototerapia associada ao treinamento aeróbio na osteoartrite de joelhos em ratas ooforectomizadas	Oral	Late Breaking 1
10:00	Vallauris	Dr. Roberta Chow	PBM in neck pain. Evidence and clinical use nine years after the breakthrough review about LLLT – PBM in The Lancet	Oral Invited clinical guidelines	Musculoskeletal
10:15	Cogolin	Assoc.Prof. Maria Cristina Deboni	Antimicrobial photodynamic therapy (aPDT) for medication-related osteonecrosis of the jaws (MRONJ): a cohort study and a treatment protocol proposal	Oral	Dentistry 1
10:15	Saint Paul	Dr. Georgi Ivanov	Laser Magnetic Implantation /LMPL/ in spinal cord traumas - fundamental field for "re-creation" of neural tissue via non-surgical means	Oral	Late Breaking 1

10:20	Vallauris	Dr. Jan Bjordal	When is there enough scientific evidence to implement PBM in clinical settings?	Oral Invited clinical guidelines	Musculoskeletal
10.30	Coffee Break				
11:00	Cogolin	Dr. Martin Stausholm	Low-level laser therapy can reduce knee osteoarthritis pain and disability: A systematic review and meta-analysis of randomized placebo-controlled trials	Oral	Musculoskeletal 1
11:00	Saint Paul	Dr. Phil Gabel	Multi Organ Failure inflammatory response and the potential role of photobiomodulation	Oral	Neurorehabilitation 1
11:00	Tourette	Dr. Olivier Caselles	Understanding photonics terminology and dose in PBM Therapy	Oral Invited future vision	PBM Delivery
11:00	Vallauris	Prof. Rene-Jean Bensadoun	Photobiomodulation in Oro-craniofacial complications of cancer therapy	Oral Invited clinical guidelines	Cancer Care
11:15	Cogolin	Dr. Chadwick Prodrornos	Combined Intra-articular Laser and Platelet Rich Plasma (PRP) Injection Reduces Pain in Patients Who Had Failed Prior PRP Treatment	Oral	Musculoskeletal 1
11:15	Saint Paul	Assoc.Prof. Kamran Ezzati	The dose response effects of low level and high power laser therapy on motor and sensory nerve conduction velocity of median nerve in subjects with moderate carpal tunnel syndrome	Oral	Neurorehabilitation 1
11:15	Vallauris	Prof. Raj Nair	Cancer Care	Oral Invited clinical guidelines	Cancer Care
11:30	Cogolin	Assoc.Prof. Kamran Ezzati	Comparing the effects of low level laser therapy and high voltage pulse current on pain and effusion in patients with anterior knee pain	Oral	Musculoskeletal 1
11:30	Saint Paul	Dr. Juan Moreira	Photobiomodulation on the Acute Stroke Setting	Oral	Neurorehabilitation 1
11:30	Tourette	Dr. Chris Castel	Delivering the optimal therapy with PBM	Oral Invited future vision	PBM Delivery
11:30	Vallauris	Prof. Keneth Hu	Cancer Care	Oral Invited clinical guidelines	Cancer Care
11:45	Cogolin	Dr. Lauren Hunt	Comparison of the effectiveness of photobiomodulation (PBM) on equine muscle soreness between Class III and IV lasers and at high and low doses	Oral	Musculoskeletal 1
11:45	Saint Paul	Dr. Luciane Kraul	Photobiomodulation treatment on Facial Paralysis	Oral	Neurorehabilitation 1
11:45	Vallauris	Prof. Joel Epstein	Cancer Care	Oral Invited clinical guidelines	Cancer Care
12:00	Cogolin	Assoc.Prof. Ashfaq Ahmad	The effectiveness of low level laser therapy in healing of partial tear of supraspinatus tendon	Oral	Musculoskeletal 1
12:00	Saint Paul	Prof.Dr. Victor Monich	Rehabilitation of the brain after blood circulation disorders by led radiation	Oral	Neurorehabilitation 1
12:00	Tourette	Dr. Hans Michael Weber	Advances in PBM Therapy Delivery	Oral Invited future vision	PBM Delivery
12:00	Vallauris	Panel discussion	Cancer Care	Oral Invited clinical guidelines	Cancer Care
12:15	Cogolin	Dr. Arista Shojaeddin	Comparison of the efficacy of two combined therapies (Laser Acupuncture and ISTDP) with singlemethod therapy in depression	Oral	Musculoskeletal 1
12:15	Saint Paul	Euahna Varigos	TBA	Oral	Neurorehabilitation 1
12.30	Lunch & WALT Members Meeting in Espace Riviera				
13:30	Cogolin	ATP38	Best Parameters for all clinical applications of ATP38 device	Oral	User Group
13:30	Saint Paul	Mostled	From photobiomodulation to photobiosonia to dentistry, gynecology seen by Mostleds	Oral	User Group
13:30	Tourette	Dr. Denis Gendron	Four-Level Model for Mechanism of Photobiomodulation Therapy	Oral	Late Breaking 2

13:30	Vallauris	Prof. Michael Hamblin	Can all diseases be treated with light?	Oral Invited Special	Low dose biophotonics
13:45	Tourette	Dr. W.F. Vieira	Effects of photobiomodulation therapy (904 nm) on muscle healing process after myonecrosis induced by Bothrops jararacussu snake venom	Oral	Late Breaking 2
13:50	Vallauris	Dr. Ruben Wernik	Effectiveness of laser therapy controlled through iridoscopy	Oral Invited Special	Low dose biophotonics
14:00	Saint Paul	Neomedlight	CareMin650, a novel photobiomodulation device using fabric emitting light to treat mucositis and dermatitis: could this approach change the adoption of photobiomodulation	Oral	User Group
14:00	Tourette	Dr. Phil Gabel	N=1 PBM and LBP in a male surfer	Oral	Late Breaking 2
14:10	Vallauris	Prof. Reza Fekrazad	PBM Therapy effects of photodynamic therapy on human stem cells growth	Oral Invited Special	Low dose biophotonics
14:15	Tourette	Dr. Cécile Moro	Photobiomodulation for Parkinson disease: from preclinical datas toward a clinical trial	Oral	Late Breaking 2
14:30	Cogolin	Dr. Elodie Courtois	Healing mucositis and dermatitis with photobiomodulation at 660 nm: efficacy of a new woven optical fiber device on cell proliferation and migration	Oral	Cancer Care 1
14:30	Saint Paul	Helight	Montreal's Helight Center : The first center exclusively dedicated to well-being cares by photobiomodulation	Oral	User Group
14:30	Tourette	Prof. Heidi Abrahamse	Photobiomodulation Responses on Normal and Cancer Stem Cells	Oral Invited consensus	Stem Cells
14:30	Vallauris	Prof. Janis T. Eells	Unblinded by the Light: PBM in Ophthalmology	Oral Invited clinical guidelines	Cancer Care
14:45	Cogolin	Dr. Jolien Robijns	Photobiomodulation therapy for the prevention of acute radiation dermatitis in head and neck cancer patients: preliminary results of a randomized controlled trial (Dermishead trial)	Oral	Cancer Care 1
14:55	Tourette	Assoc.Prof. Márcia Marques	Cell Sheet of human dental pulp stem cell, associated with photobiomodulation therapy for bone regeneration of diabetic rats	Oral Invited consensus	Stem Cells
14:55	Vallauris	Prof. Krisztina Valter	PBM in Experimental Models of Retinal Degeneration	Oral Invited clinical guidelines	Cancer Care
15:00	Cogolin	Dr. Rene-Jean Bensadoun	Three years of clinical routine use of PBM in the management of cancer-therapies' side effects at the "Centre de Haute Energie", Nice (France). Treatment parameters and clinical results	Oral	Cancer Care 1
15:15	Cogolin	Mr. James Carroll	The effect of tissue thickness and skin colour on the penetration of 850nm LED light transmitted through the human cheek to the oral mucosa	Oral	Cancer Care 1
15:20	Tourette	Prof. Praveen Arany	Clinical Regenerative Therapies with Endogenous Stem Cells	Oral Invited consensus	Stem Cells
15:20	Vallauris	Prof. Tim Kern	PBM in Diabetic Retinopathy	Oral Invited clinical guidelines	Cancer Care
15:30	Cogolin	Dr. Manoela Martins	Oral epithelial epigenetic signature and stem cells are affected by photobiomodulation therapy	Oral	Cancer Care 1
15.45	Coffee Break				
16:15	Cogolin	Dr. Patricia Barzotto	Result of auxiliary treatment with laser acupuncture in atopic dermatitis of a dog	Oral	Other PBM Therapy 1
16:15	Tourette	Mr. James Carroll	How a UK "recommendation" guideline from the National Institute of Health and Care Excellence (NICE) was achieved	Oral invited Future Vision	PBM Entrepreneurship
16:15	Vallauris	Prof. Rene-Jean Bensadoun	Photobiomodulation in Oro-craniofacial complications of cancer therapy	Oral invited special	Francophone
16:15	Vence	Dr. Shikha Parmar	PBM Therapy in the Clinical Setting – a Model for Success	Oral	Clinical Entrepreneurship

16:30	Cogolin	Dipl.Phys Homa Bahramy	The Effects Of Low Level Laser And Light Therapy On Range Of Motion In Patients With Total Knee Arthroplasty	Oral	Other PBM Therapy 1
16:30	Saint Paul	Prof.Dr. Daiane Meneguzzo	How to determine clinical protocols with low power laser	Oral	Dose & Mechanisms
16:30	Saint Paul	Dr. Lilach Gavish	Microcirculatory response to photobiomodulation is dependent on the baseline skin temperature: on the way to personalized protocols – a randomized controlled study	Oral	Dose & Mechanisms
16:30	Tourette	Dr. Chris Castel	Getting a project off the ground	Oral invited Future Vision	PBM Entrepreneurship
16:45	Cogolin	Dr. Patricia Barzotto	Result of the class IIIb laser on wound in cat due to pharmacodermia after antibiotic application	Oral	Other PBM Therapy 1
16:45	Saint Paul	Dr. Rafael Barbosa	Analysis of photobiomodulation transmission at wavelengths 660 and 830 nm in experimental skin samples	Oral	Dose & Mechanisms
16:45	Tourette	Dr. Pierre Saint-Grions	FDA: Technical, quality and clinical evidence requirements	Oral invited Future Vision	PBM Entrepreneurship
17:00	Cogolin	Prof. David Draper	The Effect of Photobiomodulation on Healing and Pain Relief of Quadriceps Muscle Contusions	Oral	Other PBM Therapy 1
17:00	Saint Paul	Dr. Esmaeil Mohammadzadeh	The The effect of LLLT on Bone Mineral Density (BMD) and Bone Turnover Markers (BTMs) in individuals Complete Thoracic Spinal Cord Injuries (C.T.SCI) with Osteoporosis(Op)	Oral	Dose & Mechanisms
17:00	Tourette	Panel Discussion	PBM Entrepreneurship	Oral invited Future Vision	PBM Entrepreneurship
17:00	Vence	Dr. Nitish Kumbhoj	PBM Clinical cases	Oral	Clinical Entrepreneurship
17:15	Cogolin	Assoc.Prof. Hassan Abdel Rehim	Repercussion of periodontitis during pregnancy on the development of allergic lung inflammation in the offspring: the role of photodynamic therapy	Oral	Other PBM Therapy 1
17:15	Saint Paul	TBA	TBA	TBA	TBA
17:30	Cogolin	Middle East, Iran and Africa	Networking with your region: Middle East, Iran and Africa	Networking	Networking with your region
17:30	Saint Paul	Europe	Networking with your region: Europe	Networking	Networking with your region
17:30	Tourette	Australasia	Networking with your region: Australia and Asia	Networking	Networking with your region
17:30	Vallauris	Americas (North & South)	Networking with your region: The Americas (North & South)	Networking	Networking with your region

Friday, October 5, 2018

Time	Room	Presenter	Title	Type	Session
07:30	Mougins and Biot	Welcome coffee sponsored by Malongo	Welcome coffee sponsored by Malongo	Welcome coffee sponsored by Malongo	Welcome coffee sponsored by Malongo
08:00	Vallauris	Prof. Michael Hamblin	Photobiomodulation for the Brain: Has the Light Dawned?	Oral invited Plenary	Plenary 4
09:00	Cogolin	Dr. Phil Gabel	An N=1 study of photo-bio-modulation as a monotherapy that resolved low back pain in an elite master's surfer	Oral	Musculoskeletal 2
09:00	Saint Paul	Weber Medical	Latest protocols and clinical results of intravenous, interstitial and photodynamic laser applications: Is LLLT already on its way to become an essential part of mainstream medicine	Oral	User Group
09:00	Tourette	Jonathan Stone		Oral Invited Future vision	Mechanisms
09:00	Vallauris	Prof.Dr.Dr. Shimon Rockkind	Treatment and supportive effect of Laser photobiomodulation in peripheral nerve and spinal cord injuries	Oral Invited clinical guidelines	Neurorehabilitation [clinical guidelines]
09:15	Cogolin	Dr. Phil Gabel	Photobiomodulation in Patients with Low Back Pain: A Case Control Series for the Effect on Depression	Oral	Musculoskeletal 2
09:25	Tourette	Prof. Praveen Arany	Extracellular activation of latent TGF-beta 1: Implications of this novel PBM mechanism	Oral Invited Future vision	Mechanisms
09:30	Cogolin	Dr. Glauce Pigatto	Antinociceptive effect of Light Emitting Diode Therapy depends on the descending inhibitory control	Oral	Musculoskeletal 2
09:45	Cogolin	Dr. Phil Gabel	Photobiomodulation improves neck range, pain and function three years post cancer radiation- and chemo-therapy – an N=1 study	Oral	Musculoskeletal 2
09:50	Tourette	Dr. Brian Bicknell	PBM effect on the microbiome and absopal effects.	Oral Invited Future vision	Mechanisms
10:00	Cogolin	Dr. Cleber Ferraresi	Dose and time response for photobiomodulation of chronic low-back pain patients: randomized, crossover, double-blind, placebo-controlled clinical study	Oral Invited clinical guidelines	Musculoskeletal 1
10:00	Vallauris	Panel Discussion			Neurorehabilitation [Clinical uidelines]
10:15	Cogolin	TBA	TBA	TBA	TBA
10:15	Tourette	Prof. Liisa Laakso	Precision medicine approaches to PBM	Oral Invited Future vision	Mechanisms
10:30	Coffee Break				
11:00	Cogolin	Dr. Jolien Robijns	Photobiomodulation therapy prevents severe acute radiodermatitis in breast cancer patients (TRANSDERMIS trial)	Oral	Cancer Care 2
11:00	Saint Paul	Dr. Terrence Baker	NAALT-ISLA PBM Master Class	Oral	User Group
11:00	Tourette	Prof.Dr. Gerhard Litscher	Consensus Statement: Laser Acupuncture – Traditional Aspects and Innovative Trends	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]
11:00	Vallauris	Dr. Jan Tunér	Home care lasers - part of the solution	Oral Invited consensus guidelines	Dentistry - [Consensus Guidelines]
11:15	Cogolin	Prof. Dr. Daiane Meneguzzo	Prevention of Oral Mucositis in bone marrow transplant patients using red and infrared laser simultaneously	Oral	Cancer Care 2

11:15	Vallauris	Dr. Steven Parker	PBM Therapy in Orthodontics II	Oral Invited consensus guidelines	Dentistry [Consensus Guidelines]
11:20	Saint Paul	Dr. Chukuka Enwemeka	NAALT-ISLA PBM Master Class	Oral	User Group
11:20	Tourette	Dr. Volkmar Kreisel	Pulsed Laser Field Therapy - New approaches for Laser Acupuncture	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]
11:30	Cogolin	Dr. Parisa Arzani	Effect of low power laser therapy on lymphedema post mastectomy	Oral	Cancer Care 2
11:30	Vallauris	Prof.Dr. Mark Cronshaw	Photobiomodulation therapy in Orthodontics. Consensus Statement	Oral Invited consensus guidelines	Dentistry - [Consensus Guidelines]
11:40	Saint Paul	Dr. Hans Michael Weber	NAALT-ISLA PBM Master Class	Oral	User Group
11:40	Tourette	Dr. Michael Weber	Acupuncture	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]
11:45	Cogolin	Dr. Stella Zamuner	Effect of Photobiomodulation on Apoptosis and Necrosis in Myoblast Cell Exposed to Snake Venom	Oral	Cancer Care 2
11:45	Vallauris	Dr. Farshid Vahdatinia	PBM Therapy in Endodontics	Oral Invited consensus guidelines	Dentistry - [Consensus Guidelines]
12:00	Cogolin	Dr. Matteo Caldana	Low Lever Laser Treatment Reverts Mammary Carcinoma-derived Stem Cells Doxorubicin Resistance	Oral	Cancer Care 2
12:00	Saint Paul	Dr. Chris Castel	NAALT-ISLA PBM Master Class	Oral	User Group
12:00	Tourette	Dr. Jasmin Stadler	Local Measurements of Skin Temperature during Laser Acupuncture in Neonates: a Summary of Three Safety Trials	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]
12:00	Vallauris	Dr. Katayoun Kalhori	PBM Therapy in Oral Medicine	Oral Invited consensus guidelines	Dentistry - [Consensus Guidelines]
12:15	Cogolin	Mr. James Carroll	A Systematic Review of Photobiomodulation for Oral Mucositis with a Dose Analysis	Oral	Dose & Mechanisms
12:15	Vallauris	Prof. Dr. Reza Fekrazad	Evaluation effects of photodynamic therapy on human stem cells growth with different wave length combined with 2 photosensitizer drugs	Oral Invited consensus guidelines	Dentistry [Consensus Guidelines]
12:20	Saint Paul	Panel Discussion	NAALT-ISLA PBM Master Class	Oral	User Group
12:20	Tourette	Panel Discussion	Acupuncture	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]
12:30	Extended Lunch in Espace Riviera and Networking time				
13:00	Vallauris	Prof. Praveen Arany & Prof. Rene-Jean Bensadoun	WALT member meeting		
14:00	Cogolin	Prof.Dr. Dana York	Low Level Laser Therapy In bone Growth In Periodontal Disease With Mercury Detox	Oral	Dentistry 2
14:00	Saint Paul	Vielight	How PBM can Lead the Future of Non-Invasive Brain Stimulation	Oral	User Group
14:00	Tourette	Dr. Alexander Wunch	PBM: The "Pivot of Modern Rejuvenation"	Oral Invited future vision	Rejuvenation
14:00	Vallauris	Dr. Ron Hirschberg	Veterinary - Cases, Cases and More Cases	Oral Invited Consensus	Verternary
14:15	Cogolin	Dr. Mina Jazaerijouneghani	The photo bio-modulation effect of Diode laser on the tooth sensitivity after in-office bleaching; a randomized double blind clinical trial	Oral	Dentistry 2
14:15	Tourette	Dr. Carlo Fornaini	Between petri dish and clinical outcome: An experimental quest for optimal treatment parameters	Oral Invited future vision	Rejuvenation

14:30	Saint Paul	Omicron	Live demonstration of the latest laser system developments in PDT/PDD for cancer therapy	Oral	User Group
14:30	Cogolin	Prof.Dr. Cassia Nakashima	Photobiomodulation in Medication related Osteonecrosis of the Jaws	Oral	Dentistry 2
14:30	Tourette	Dr. Elisabetta Mergio	Laser in smile management	Oral Invited future vision	Rejuvenation
14:45	Cogolin	Dr. Manoela Martins	Comparative effectiveness of photobiomodulation and manual therapy alone or combined in TMD patients: a randomized clinical trial	Oral	Dentistry 2
14:45	Tourette	Dr. Linda Fouque	Rejuvenation	Oral Invited future vision	Rejuvenation
14:45	Vallauris	Dr. Richard Godine	PBM as Integrative Therapy in the Treatment of Hepatic, Pancreatic and Surgical Diseases	Oral Invited Consensus	Vertenary
15:00	Cogolin	Dr. Paulo Henrique Assirati	Protobiomodulation associated with carbon bio-material may improve the bone healing process	Oral	Dentistry 2
15:00	Saint Paul	EMALT	PBM therapy for longevity and rejuvenation	Oral	User Group
15:00	Tourette	Dr. Michele Pelletier	The 'Bio-flexible' Field	Oral Invited future vision	Rejuvenation
15:15	Cogolin	Dr. Chandrashekar Yavagal	PBM pulpotomy in pediatric endodontics: From research lab to clinical portals	Oral	Dentistry 2
15:15	Tourette	Panel Discussion	Rejuvenation	Oral Invited future vision	Rejuvenation
15:30	Coffee Break				
16:00	Cogolin	Dr. Cleber Ferraresi	Use of photobiomodulation to the muscles to control glycemia in type 2 diabetes patients: randomized, crossover, double-blind, placebo-controlled clinical study	Oral	Other PBM Therapy 2
16:00	Saint Paul	Prof.Dr. Arun Maiya	Effect of Photo Bio Modulation on Neuropathic pain, Quality of Life and Vibration perception Threshold in Type 2 Diabetes Mellitus with peripheral neuropathy	Oral	Other PBM Therapy 3
16:00	Tourette	PD Dr. Christiane Pavani	Controlling Methylene Blue aggregation: a more efficient alternative to treat Candida albicans infections using Photodynamic Therapy	Oral	Cancer Care 3
16:00	Vallauris	Dr. Thomas Giesen	PBM in Wound Healing	Oral invited consensus	Wound Healing
16:15	Cogolin	Dr. Tainá Santos	Effects of Photobiomodulation on nitric oxide synthesis and viability in C2C12 cells cultivated in a presence of m1 macrophages-conditioned medium	Oral	Other PBM Therapy 2
16:15	Saint Paul	Prof. Lidiane Mota	Efficacy of phototherapy to treat facial ageing when using a red versus an amber LED.	Oral	Other PBM Therapy 3
16:15	Tourette	Prof.Dr. Manijhe Mokhtari-Dizaji	Simultaneous effect of dual frequency ultrasound in methylene blue photosensitizer release from nanoparticles in breast adenocarcinoma treatment by photodynamic therapy method	Oral	Cancer Care 3
16:20	Vallauris	Dr. Jens Büntzel	LLT and PDT in malignant wounds of Head Neck cancer patients	Oral invited consensus	Wound Healing
16:30	Cogolin	Dr. Priscila Sato	Effects of Photobiomodulation associated with Mesenchymal Stem Cell Implant Adipose derived MMPs and Decrease Type II Collagen Degradation in an Experimental Osteoarthritis Model	Oral	Other PBM Therapy 2
16:30	Saint Paul	Dr. Jungyoon Lee	Efficacy of microneedle patches containing salicylic acid or EGCG on acne vulgaris	Oral	Other PBM Therapy 3
16:30	Tourette	Prof.Dr. Manijhe Mokhtari-Dizaji	Investigation the effect of irradiation of laser light selected by the Monte Carlo simulation in the presence of gold nanoparticles, on reduction in growth of murine breast adenocarcinoma tumour	Oral	Cancer Care 3
16:40	Vallauris	Dr. David Draper	The Effect of Photobiomodulation on Healing and Pain Relief of Quadriceps Muscle Contusions	Oral invited consensus	Wound Healing

16:45	Cogolin	Dr. Rita Ferreira	Healing Photobiomodulation in pressure injuries	Oral	Other PBM Therapy 2	
16:45	Saint Paul	Dr. Cristina Capeloa	Photobiomodulation therapy on the pain in a collagenase-induced model of tendinitis in rats - Molecular and functional aspects	Oral	Other PBM Therapy 3	
16:45	Tourette	Dr. Gabriela Machado	Evaluation of Photobiomodulation combined with extracts to recover keratinocytes exposed to UVA	Oral	Cancer Care 3	
17:00	Cogolin	Dr. Weixing Yan	Explore therapeutic delivery of LLL for patients with dementia	Oral	Other PBM Therapy 2	
17:00	Saint Paul	Dr. Priscila Sato	Analysis of Decontamination of Pressure Injury Through Blue Light - Randomized Trial Clinical Study	Oral	Other PBM Therapy 3	
17:00	Tourette	Dr. Karina Brajato	The effect of low level laser therapy on chronic lung inflammation in an experimental model of asthma.	Oral	Cancer Care 3	
17:00	Vallauris	Dr. Chukuka Enwemeka	Continuous vs Pulsed Photobiomodulation, bacterial time-kill studies using a novel printed LED light source	Oral invited consensus	Wound Healing	
17:15	Cogolin	Prof.Dr. Gerhard Litscher	Laser Acupuncture and Auricular Medicine	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]	
17:15	Saint Paul	Prof.Dr. Gerhard Litscher	Laser Watch – A New Option for Simultaneous Laser Acupuncture and Laser Blood Irradiation	Oral Invited consensus guidelines	Acupuncture [Consensus Guidelines]	
17:15	Tourette	Dr. Regiane Feliciano	Analysis of the effects of Photobiomodulation in cardiac fibrosis in experimental model of myocardial infarction: Study of the profile and control of gene expression	Oral	Cancer Care 3	
17:20	Vallauris	Panel Discussion				Wound Healing
17:30	Vallauris	Closing Ceremony Jan Bjoirdal, Praveen Arany & Rene-Jean Bensadoun				Closing Ceremony

Poster Presentations

Presenter	Title	Type	Authors
Prof. Ivana Marcia Diniz	Photobiomodulation potentiates cisplatin toxicity on epithelial cell lineages	POSTER 1: Cancer Care	I.M.A. Diniz ¹ , G.R. Souto ¹ , I. Dornelas ² , T.A. Silva ¹ , R.A. Mesquita ¹ ; 1Belo Horizonte/BR, 2Sete Lagoas/BR
Dr. Adriana Schapochnik	The role of photobiomodulation on the paraquat-induced pulmonary fibrosis	POSTER 1: Cancer Care	A. Schapochnik, M.R. Da Silva, M.P. Leal, J. Esteves, A.L.S. Franco; São Paulo/BR
Ms. Marcia Silva	Effects of photobiomodulation plus vitamin c in the inflammatory and fibrotic parameters in experimental model of lung fibrosis	POSTER 1: Cancer Care	M.R. Silva ¹ , A.L.S. Franco ² ; 1-/BR, 2Sao Paulo/BR
Dr. Afshan Shirkevand	A proposed classification detection for melanoma skin cancer spectrums	POSTER 1: Cancer Care	A. Shirkevand, S. Sarkar, L. Ataie fashtami, H. Mohamadreza; Tehran/IR
Dr. Rodrigo da Silva	Comparative study between photobiomodulation and vitamin c to treat acute lung injury experimentally	POSTER 1: Cancer Care	R.F. da Silva ¹ , M.P. Cruz ² , D. Monteiro ² , A.L.D.S. Franco ² ; 1São Paulo/BR, 2São Paulo/BR
Dr. Carla Soldera	Effects of photobiomodulation using led on the analysis of the degree of muscular atrophy after sciatic nerve injury in rats wistar	POSTER 1: Cancer Care	C.B. Soldera ¹ , L. Santos ² , R.A.M. Ferrari ² , A.C.R.T. Horliana ² , K.P. Fernandes ² , S.K. Bussadori ² ; 1Liberdade, São Paulo/BR, 2São Paulo/BR
Dr. Stefania Gruendemann	Photon absorption of primary dressings used in the treatment of cutaneous wounds	POSTER 1: Cancer Care	S.B.D.S. Gruendemann ¹ , D.D.F.T. da Silva ² , R.C. Ferreira ² ; 101504000/BR, 2São Paulo/BR
Prof. Dr. Eliana Minicucci	Effect of intravascular laser irradiation of blood (fibrin) in the immunity of patients with solid malignance tumors submitted to systemic chemotherapy	POSTER 1: Cancer Care	E.M. Minicucci ¹ , T.O.D. Lima ² , S.C.M. Bocchi ² , L. Almeida-Lopes ³ ; 1Botucatu-SP/BR, 2Botucatu/BR, 3São Carlos/BR
Dr. Renato de Bargaena	Low-intensity laser therapy inducing vascular reactivity and response of blood pressure to the maximum exercise in military policies	POSTER 1: Cancer Care	J.R. DeMoura ¹ , C.R. Alves ² , J.R. Lemos Junior ¹ , R.D.O. Bargaena ² , F.C.F. de camargo ¹ , M.C. Chavantes ¹ , I.C. Trombeta ¹ ; 1São Paulo/BR, 2Sao Paulo/BR
Dr. Simone Klein	Photodynamic therapy reverses the negative effects of periodontitis on the uterine microenvironment during the gestation	POSTER 1: Cancer Care	S. Klein, A.V. Wuo, F.M.M. da Silva, E.P. Rosa, P. Almeida, R.L. Marcos, A.C.R.T. Horliana, A.L.S. Franco; São Paulo/BR
Dr. Ana Melissa Ibarra	The effects of single or daily photobiomodulation in oral squamous cell carcinoma cellular viability	POSTER 1: Cancer Care	A.M.C. Ibarra, F.P. Stopiglia, M.P. Garcia, T.D. Schalch, D.D.F.T. Silva, R.A. Prates, R.A.M. Ferrari, K.P.S. Fernandes, M.F.S.D. Rodrigues; São Paulo/BR
Dr. Maria Luciana Bunemer	Laser therapy in the treatment of oropharyngeal side effects caused by cetuximab and docetaxel	POSTER 1: Cancer Care	M.L. Bunemer, C.F. Nakashima, D.T. Meneguzzo; Campinas/BR
Dr. Felipe da Silva	Evaluation of periodontal treatment with photodynamic therapy in systemic parameters of inflammation in experimental model of periodontitis and asthma	POSTER 1: Cancer Care	F.M.M. da Silva ¹ , E.P. Rosa ² , M.P. Cruz ³ , J.G. Oliveira ⁴ , G.D.C. Garcia ⁴ , A.L.S. Franco ⁴ , A.P. Ligeiro-de-Oliveira ¹ , A.C.R.T. Horliana ¹ ; 1São Paulo/BR, 2São Paulo/BR, 3São Paulo, Sp - Brasil/BR, 4Sao Paulo/BR
Assoc. Prof. Maria Beatriz Biffi	Evaluation of the efficacy of antimicrobial photodynamic therapy in treatment of peri-implantitis: a controlled, randomized, blinded clinical trial	POSTER 1: Cancer Care	M.B. Biffi ¹ , R.T.F. Arruda ² , A.C. Gomes ² , S.K. Bussadori ¹ , R.A. Prates ¹ ; 1São Paulo/BR, 2Sao Paulo/BR
Dr. Anne Chilles	A mapping of skin and mucosal areas at high risk of toxicity to guide prophylactic photobiomodulation in head and neck cancer treated by radiotherapy	POSTER 1: Cancer Care	A. Chilles, S.L. Khili, D. Peurien, Q. Dupuis, A.C. Gravigny, S. Pallier-Boiteau, V. Calugaru; Paris/Fr
Dr. José Marcelo Gonçalves	Photodynamic Therapy with Phenothiazinium Photosensitizers: Mechanisms of Cell Death	POSTER 1: Cancer Care	J.M.L.A. Gonçalves, C. Pavani; São Paulo/BR
Dr. Digpal Dharkar	District level early detection programs of Indian Institute of Head and Neck Oncology, Indore India ; use of various modalities , including CO2 lasers for oral precancer screening.	POSTER 1: Cancer Care	D. Dharkar; Indore/IN

Dr. Mohammed Hadis	Wavelength and dose dependent irradiation of bacterial species and strain	POSTER 1: Cancer Care	Hadis MA, Milward MR, Cooper PR, Kuehne SA, Atterbury R, Oppenheim B, Halstead F, Marley N and Palin WM
Dr. Marlon Cruz	Photobiomodulation ameliorates lung inflammation in sepsis-induced acute respiratory distress syndrome	POSTER 2: Wound Healing	M.P. Cruz ¹ , R.F. Silva ¹ , D.C.M. da Silva ¹ , A.L.S. Franco ² ; 1São Paulo, Sp - Brasil/BR, 2Sao Paulo/BR
Dr. Naoya Ishibashi	Effect of photobiomodulation on lower urinary tract dysfunction in rat cystitis model	POSTER 2: Wound Healing	N. Ishibashi ¹ , Y. Kawase ¹ , T. Uchiyama ² , H. Shimoyama ¹ , S. Motohara ¹ , T. Okayama ¹ , J. Koyama ¹ ; 1Tokyo/JP, 2Chiba/JP
Prof.Dr. Carla Tim	Effects of red laser on skin graft in rats	POSTER 2: Wound Healing	T.D.S. Neiva ¹ , C.C.S. Martignago ² , P.I. Pereira ¹ , J.C. Tarocco ¹ , N.A. Parizotto ¹ , L. Assis ¹ , C.R. Tim ¹ ; 1Sao Paulo/BR, 2São Carlos/BR
Prof. giti torkaman	Effect of low-level laser therapy (ga-as laser, 904 nm) on the serum vascular endothelial growth factor (vegf) and wound closure in diabetic foot ulcers	POSTER 2: Wound Healing	G. torkaman; Tehran/IR
Prof. Dr. Eliana Minicucci	Effect of low-level laser therapy in the treatment of accidental extravasation of medicationeffect of low-level laser therapy in the treatment of accidental extravasation of medications	POSTER 2: Wound Healing	E.M. Minicucci ¹ , K.A.B.S. Freitas ² , D.F.D.P. Felipe ² , R. Fermiano ² , L. Almeida-Lopes ³ ; 1Botucatu-SP/BR, 2Botucatu/BR, 3São Carlos/BR
Prof.Dr. Elaine Guirro	Comparison between 830 nm and 660 nm laser on integration of full-thickness graft in rats	POSTER 2: Wound Healing	E.C.O. Guirro, R.R.D.J. Guirro, T.R. Souza, A.K. Souza, L.M. Siqueira das Neves; Ribeirão Preto/BR
Prof.Dr. Elaine Guirro	Epidermal thickness in skin graft after application laser 830 nm in rats submitted to nicotine.	POSTER 2: Wound Healing	E.C.O. Guirro, R.R.D.J. Guirro, T.R. Souza, A.K. Souza, M.C.R. Fonseca; Ribeirão Preto/BR
Dr. Kiran Bora	In vivo dose response study of 532 nm cw laser on rat skin	POSTER 2: Wound Healing	K. Bora ¹ , B. Kumar ¹ , S. Prakash ² , S. Chauhan ¹ ; 1Delhi/In, 2New Delhi/In
Prof. Dr. Cassia Nakashima	Fournier's gangrene: clinical presentation	POSTER 2: Wound Healing	C.F. Nakashima, D.T. Meneguzzo, F. Arantes; Campinas/BR
Prof.Dr. Eliana Minicucci	The low-level laser therapy in the treatment of steven johnson syndrome/toxic epidermal necrolysis the low-level laser therapy in the treatment of steven johnson syndrome/toxic epidermal necrolysis	POSTER 2: Wound Healing	E.M. Minicucci ¹ , L. Almeida-Lopes ² ; 1Botucatu-SP/BR, 2São Carlos/BR
Prof. Rita Ferreira	Healing after photobiomodulation in pressure injuries	POSTER 2: Wound Healing	R.C. Ferreira ¹ , M. Velloza ² , T. Ballesteros ¹ , M. Velloza ² , E.G. Santos ¹ , R.I. Oliveira ¹ , D.D.F.T. da Silva ¹ ; 1São Paulo/BR, 2São Paulo/BR
Dr. Vitaly Plavsky	Mechanism Of Action Of Laser Radiation And Magnetic Field On Sperm	POSTER 2: Wound Healing	V. Plavsky, N. Barulin, S. Bushuk, A. Mikulich, I. Leusenka, M. Liman, S. Rahautsou; Minsk/ BY
Dr. Regiane Feliciano	Effect of Photobiomodulation in Cell Death, Oxidative Stress and Expression of Biomarkers in HUVEC Cells Submitted to Experimental Hypoxia	POSTER 2: Wound Healing	R.S. Feliciano, C. Malta, J. Ferritto, M.A. Dalboni, J.A. Silva Jr; Sao Paulo/BR
Dr. Regiane Feliciano	Analysis of the effect of low intensity laser irradiation on vein popliteal and nitric oxide-generating enzyme modulation induced in patients with subacute deep venous thrombosis.	POSTER 2: Wound Healing	R.S. Feliciano ¹ , E.A. Brigidio ¹ , E.P. Leal Jr ¹ , P.D.T.C. Carvalho ² , J.A. Silva Jr ¹ ; 1Sao Paulo/BR, 2São Paulo/BR
Assoc.Prof. Stella Moreira	Cell-free scaffold and Photobiomodulation therapy for enhance dental pulp tissue engineering: In Vitro and In Vivo Analyses	POSTER 3: Dentistry	S. Moreira ¹ , G.L. Carvalho ¹ , F. Gonçalves ¹ , A.C. Pedroni ¹ , G. Abe ¹ , S.P.H.M. de Cara ¹ , L.H. Catalanni ² , M.M. Marques ¹ ; 1São Paulo/BR, 2-/BR
Prof. Thalita Campos	Photobiomodulation in Oral Mucositis in Patients with Head and Neck Cancer: A Systematic Review	POSTER 3: Dentistry	T.M. Campos, C.A. da Silva, M.F.S. Rodrigues, K.P. Fernandes, S.K. Bussadori, L.J. Motta; São Paulo/BR
Dr. Ana Paula Sobral	Photomodulation in the treatment of chronic pain in patients with temporomandibular disorder: protocol for cost-effectiveness analysis	POSTER 3: Dentistry	A.P.T. Sobral, C.H.L.D. Godoy, K.P. Fernandes, S.K. Bussadori, R.A.M. Ferrari, A.C.R.T. Horliana, S.F. Monken, L.J. Motta; São Paulo/BR
Dr. Ellen Rosa	Evaluation of periodontal treatment associated with photodynamic therapy (PDT) in experimental model of chronic obstructive pulmonary disease (COPD)	POSTER 3: Dentistry	E.P. Rosa, F.M.M. da Silva, M.P. Cruz, A.L.S. Franco, A.P. Ligeiro-de-Oliveira, A.C.R.T. Horliana; São Paulo/BR
Prof. Silvia Olivan	Influence of Bioactive Particles on remineralization of early enamel caries lesions by Speckle analysis	POSTER 3: Dentistry	S.R.G. Olivan ¹ , R.A. Sfalcin ¹ , A.M. De Ana ¹ , S. Sauro ² , V. Oliva ¹ , J. Santos ¹ , J.V.P. Da Silva ¹ , S.K. Bussadori ¹ ; 1São Paulo/BR, 2Valencia/ES

Poster Presentations - Continued

Prof. Lia Mara Neves	Reparative action of the red laser on photoaged skin of hairless mice	POSTER 3: Dentistry	L.M.G. Neves ¹ , C.R. Tim ² , C.C.S. Martignago ¹ , A.L.M. de Andrade ¹ , J. Parisi ¹ , E.M. Floriano ³ , N.A. Parizotto ¹ , M.R. Cominetti ¹ ; 1São Carlos/BR, 2Sao Paulo/BR, 3Ribeirão Preto/BR
Dr. Elza Ferri	Efficacy of photobiomodulation on oral lichen planus: a pilot study.	POSTER 3: Dentistry	E.P. Ferri, C.B. Gallo, C.A. Soubud, W.H. Yanaguizawa, A.C.R.T. Horliana, D.D.F.T. da Silva, S.K. Bussadori, F.D. Nunes, K.P. Fernandes, M.F.S.D. Rodrigues; São Paulo/BR
Prof. Fernanda Kobayashi	Slep bruxism: a complement diagnostic and alternative treatment by photobiomodulation in children	POSTER 3: Dentistry	F.Y. Kobayashi, M.C. Salgueiro, L.J. Motta, K.P. Fernandes, S.K. Bussadori; São Paulo/BR
Dr. Aliaksandr Mikulich	Violet–blue laser inactivation of microorganisms	POSTER 3: Dentistry	A. Mikulich, A. Tretyakova, I. Leusenka, L. Plavskaya, T. Ananich, V. Plavskii, O. Kazychits, I. Dobysh, E. Nikolaevich; Minsk/BY
Dr. Leila Gholami	Effectiveness of intra-articular Triamcinolone injection compared with laser phototherapy in treatment of temporomandibular joint disorders.	POSTER 3: Dentistry	A. Heidari, L. Gholami, M. Yavarikia, A. Mirzaee; Hamadan/IR
Dr. Andreia La Selva Almeida	Evaluation of the treatment of halitosis with photodynamic therapy in bronchiectasis patients	POSTER 3: Dentistry	A. La Selva Almeida, S.D.S. Romero, K.L. do Vale, R. Stelmach, S.K. Bussadori, K.P.S. Fernandes, A.C.R.T. Horliana; São Paulo-SP/BR
PD Dr. Francesca Amadori	Photobiomodulation therapy in the management of oral lichen planus: a case-control study.	POSTER 3: Dentistry	A. Majorana, F. Amadori, E. Bardellini; Brescia/IT
Dr. Pablo Garrido	Effect of photobiomodulation therapy on the extracellular matrix of human dental pulp cell sheets	POSTER 3: Dentistry	P.R. Garrido; Sao Paulo/BR

Poster Presentations - Continued

Prof. Aline Sousa	Avaliação do efeito da fotobiomodulação nas glândulas salivares maiores de pacientes com diabetes mellitus e xerostomia.	POSTER 3: Dentistry	A.s. Sousa, J.f. Silva, N.a. Carvalho, O.r. Junior, E.c. Dias, R. Prates, A.m. Deana; São Paulo/Br
Dr. Ana Carolina Ciarcia	Photodynamic therapy with Bixa orellana extract and LED for the reduction of halitosis: a randomized, microbiological and clinical trial	POSTER 3: Dentistry	M.L.L. Golçalves, A.C.C.D.M. Ciarcia, L. Araujo, A.M. Deana, W.S. Junior, A.C.R.T. Horliana, L.J. Motta, S.K. Bussadori; São Paulo/BR
Prof.Dr. Filipe Reis	Effects of low level laser therapy (LLLT) in the functional assessment (single-hop test) of the knee	POSTER 4: Musculoskeletal and Neurorehab	F.A.D. Reis, A.C. Sartoreli, D.M. Pereira, A.C.D.S. Demarchi; Campo Grande/BR
Prof. MARCELO SILVA	Resistance training and photobiomodulation therapy protect the joint capsule in experimental monoarthritis	POSTER 4: Musculoskeletal and Neurorehab	M.D.P.A.D. SILVA1, A. Silva2, L.F. Zamuner2, I.C. Sanches2, K. Angelis2, M.C. Chavantes2, S.R. Zamuner2; 1São Paulo/BR, 2São Paulo/BR
Dr. Luis Zamuner	The benefits of aerobic training associated to photobiomodulation therapy in local and systemic response in experimental monoarthritis	POSTER 4: Musculoskeletal and Neurorehab	L.F. Zamuner1, M.D.P.A.D. SILVA2, K. Angelis1, I.C. Sanches1, M.C. Chavantes1, S.R. Zamuner1; 1São Paulo/BR, 2São Paulo/BR
Dipl.Phys Gabriela Carvalho	Effects of consecutive application of infrared light-emitting diodes on strength abilities in cycling athletes.	POSTER 4: Musculoskeletal and Neurorehab	G.D. Carvalho, A. Gobbi, T. Furquim, R. Salvador, R.R.D.J. Guirro; Ribeirão Preto/BR
Dr. Rafael Barbosa	Dry needling and photobiomodulation for the treatment of myofascial trigger points on upper trapezius: A pilot study	POSTER 4: Musculoskeletal and Neurorehab	A. Dalpiaz, R.A.P. Barbosa, H.U. Kuriki, A. Aguiar, A.M. Marcolino, R.I. Barbosa; Araranguá/BR
Dr. Patricia Gabrielli Vassão	Level of pain, muscle strength and functional capacity on association of an exercise program and photobiomodulation in women with knee osteoarthritis.	POSTER 4: Musculoskeletal and Neurorehab	P.G. Vassão, H.T. Tucci, A.C.M. Renno; Santos/BR
Dr. Kelly Fernandes	Biological performance of spongin extracted from marine sponges enriched with Biosilicate® combined or not with photobiomodulation.	POSTER 4: Musculoskeletal and Neurorehab	K.R. Fernandes1, J. Parisi2, A. Magri3, C. Fortulan2, E. Zannotto2, O. Peit2, A.C.M. Renno3; 1-/BR, 2São Carlos - Sp/BR, 3Santos/BR
Dr. Daniela da Silva	Systemic inflammatory response during diabetic foot treatment: photobiomodulation versus conventional	POSTER 4: Musculoskeletal and Neurorehab	S.T. Perez1, M. Ventura1, M. Velloza1, L. PEREZ1, E.A. Brigidio1, D.D.F.T. da Silva2; 1São Paulo/BR, 2São Paulo/BR
Dr. Andrey Sobchuk	Ultraviolet Light-Emitting Diode for Identification of Pituitary Adenoma	POSTER 4: Musculoskeletal and Neurorehab	A. Sobchuk, N. Nemkovich, Y. Kruchenok, Y. Shanko, A. Chuhonsky; Minsk/BY
Dr. Rodrigo Carvalho	PBM Therapy and topical diclofenac as single and combined treatment in skeletal muscle injury in diabetic rats: long-term effects on functional aspects	POSTER 4: Musculoskeletal and Neurorehab	M.G. Monte1, T.F.N. Castro1, A.A.T. Napolitano1, R.A.B. Lopes-Martins2, R.L. Marcos3, R.L.P. Carvalho1; 1Bauru/BR, 2São José Dos Campos/BR, 3São Paulo/BR
Dr. Luciana Langella	Impact of phototherapy on pain and electromyographic activity in women with tension headache: Randomized sham-controlled double-blind clinical trial	POSTER 4: Musculoskeletal and Neurorehab	L.G. Langella, P.F. Costa Silva, F.I. Correa, K.P. Fernandes, R.A.M. Ferrari, A.C. Motta, A.O. Gomes, S.K. Bussadori; São Paulo/BR
Dr. Veridiana Delle	Efeitos da terapia com laser de baixa potência e sua associação com inibidores da lipoxigenase em modelo experimental de inflamação pulmonar alérgica	POSTER 4: Musculoskeletal and Neurorehab	V. Delle, A.A. Brito, K. Brajato, S. Kamei, A.P. Ligeiro-de-Oliveira; São Paulo/BR
Dr. Denis Gendron	Reversing early onset of knee osteoarthritis with Optimal Photobiomodulation Therapy	POSTER 4: Musculoskeletal and Neurorehab	D.J. Gendron; Kitchener, ON/CA