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Medical Center for Functional Medicine
Low Level Laser Therapy / LLLT and Photobiomodulation / PBM
TCM and Acupuncture - Mitochondrial Medicine
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<https://european-laser-academy.com/>



October 23rd – October 27th 2023
5- Days Lectures and Workshops in Portugal:

PBM / LLLT

Functional Medicine / Acupuncture and Auricular medicine:

Day 1: Introduction into Photobiomodulation (PBM)

Common diseases in every day clinic; Wound Healing; Diabetes

Day 2: PBM in daily clinic: orthopaedics and sport

Joint forces: Trigger Point Acupuncture meets Laser Acupuncture

Day 3: Laser in Ophthalmology and Auricular- Medicine

Day 4: The technique of detecting “VAS”:

**a unique method for diagnosis and treatment; controlled
acupuncture and resonance therapy in different diseases;
Trauma of the Soul**

Day 5: PBM in Auto – Immune Diseases, Long-Covid and Cancer

By Dr. med. Michael Weber, M.D.

Exploiting synergy effects: Uniting Eastern and Western Medicine

Day One: Monday, October 23rd 2023: Introduction

Opening Remarks (Michael Weber)	09:30 h
Photobiomodulation (PBM): Where we are and where we have to go? The position of the WALT / World Association for Photobiomodulation Therapy	09:45 h
Introduction to laser therapy (Michael Weber)	10:00 h
<ul style="list-style-type: none">➤ Fundamental physical principles➤ Different laser devices➤ Biostimulatory effects of LLLT (i.e., mechanism of ATP synthesis)➤ The importance of mitochondrial stimulation➤ Laser dosimetry (the right power and energy)➤ Laser safety	
Coffee - Break	10:30 – 11:00 h
Introduction to Functional Medicine (Michael Weber)	11:00 h
<ul style="list-style-type: none">➤ Photo-Medicine as one pillar of Functional Medicine➤ Cellular and Sub-cellular Effects of laser irradiation	
Lunch break	12:00 – 14:30 h
Workshop (Michael Weber) Practical exercise on Wound Healing, Diabetes ulcers	14:30 h
Coffee break	15:30 – 16:00 h
LLLT in Wound healing (acute/chronic) Theory and Practical demonstration	16:00 h
<ul style="list-style-type: none">➤ Technique and methods➤ Different laser devices➤ Practical management of laser therapy➤ Questions and answers	
Finish Day One	17.00 h



Exploiting synergy effects: Uniting Eastern and Western Medicine

Day Two: Tuesday, October 24th 2023:

Opening Remarks (Michael Weber) 09:00 h

Introduction to LLLT in sports medicine (Michael Weber) 09:15 h

- Fundamental physical principles
- Targeted combination with Minerals and Vitamins
- Laser dosimetry (the right power and energy: stimulation vs. inhibition)
- Class 3B Laser (Laserpen, Laser-shower, Cluster-Probe...)
- Class 4 Laser
- IV - / Interstitial Laser
- Pain management by laser-acupuncture and LLLT

Coffee - Break 10:30 – 11:00 h

Trigger Points: When muscles strike (Andrea Schachinger) 11:00 h
Centre for Dry Needling

- What are Trigger Points?
- Systemic burdens of Trigger Points
- Muscles and their own memories.....
- State of the art: High end techniques of Trigger Point Acupuncture

Lunch break 12:00 – 14:30 h

Practical demonstration and workshop (Andrea Schachinger / M. Weber)

- Detection of trigger points
- Treatment of Trigger points according to the Schachinger Concept
- Clinical proven protocols and practical managements
- Shoulder – Neck Pain
- Achillodynia
- Tennis Elbow
- Golfers - Elbows
- Lower Lumbar Pain

In-between
Coffee break 15:30 – 16:00 h

Finish Day two 17.00 h



Exploiting synergy effects: Uniting Eastern and Western Medicine

Day 3: Wednesday, October 25th 2023: PBM in common diseases

Welcome Remarks Day Three	09:00 h
Photobiomodulation (PBM) in Ophthalmology: Introduction	09:15 h
<ul style="list-style-type: none">➤ Fundamental about anatomy of eye➤ Diagnostic methods in ophthalmology➤ Holistic laboratory works in ophthalmology➤ Laser safety in ophthalmology➤ Allergic conjunctivitis➤ AMD (Age related Macular Degeneration)	
Coffee - Break	10:30 – 11:00 h
Micro-system Ear (Michael Weber): Part I	11:00 h
<ul style="list-style-type: none">➤ History of Ear acupuncture➤ Embryology of the Ear➤ Anatomy of the Ear➤ Ear zones	
Lunch break	12:00 – 14:30 h
Micro-system Ear (Michael Weber): Part II	14:30 h
<ul style="list-style-type: none">➤ Localization of important ear acupoints➤ Summarize on Nogier Reflex / RAC / VAS	
Coffee - Break	15:30 – 16:00 h
Micro-system Ear (Michael Weber): Part III Workshop	16:00 h
<ul style="list-style-type: none">➤ Technique of VAS Detection	
End of seminar and workshops day III	17:00 h



Day 4: Thursday, October 26th, 2023:

The Vascular Autonomic Signal / "VAS":

How do detect and How to use for Controlled Acupuncture

Welcome Remarks Day Four	09.00 h
Ear Acupuncture (Michael Weber)	09:15 h
<ul style="list-style-type: none">➤ Important Ear Acupuncture Points / Part II➤ Resonance Therapy for diagnosis + treatment➤ 7 basic Resonances according to Nogier➤ 7 basic Resonances according to Bahr	
Coffee - Break	10:30 – 11:00 h
Ear Acupuncture (Michael Weber)	11:00 h
Workshop: Controlled acupuncture + Resonance therapy	
Lunch break	12:00 – 14:30 h
Controlled Ear and Body Acupuncture (Michael Weber) 14:30 h	
Laser and Resonance Therapy in Psycho-somatic diseases	
<ul style="list-style-type: none">➤ Bahr Resonances for different parts of the body➤ Bahr Resonances for Internal diseases➤ What is "negative Qi"?➤ Bahr and Trauma of the Soul	
Coffee - Break	14:30 – 15:00 h
Practical demonstration	
<ul style="list-style-type: none">➤ VAS➤ Oscillation➤ Practical management of laser therapy➤ Questions and answers	
End of seminar and workshops day IV	17:00 h



Day 5: Friday, October 27th, 2023:

PBM in Auto – Immune Diseases, Long-Covid and Cancer

Welcome Remarks Day 5	09.00 h
Functional Medicine in Chronic Diseases	09:15 h
<ul style="list-style-type: none">➤ When a disease becomes chronic.....➤ What is an autoimmune disease?➤ Treatment Concepts➤ Integrative treatment concepts	
Coffee - Break	10:30 – 11:00 h
Functional Medicine in Long – Covid	11:00 h
<ul style="list-style-type: none">➤ What is Long – Covid?➤ Treatment Concepts➤ Integrative treatment concepts	
Lunch break (Finger-Food)	12:00 – 13:00 h
Functional Medicine in Cancer	13.00
<ul style="list-style-type: none">➤ How does cancer develop?➤ Treatment Concepts➤ Integrative treatment concepts➤ Treatment of side – effects of chemotherapy by PBM➤ Treatment of side effects of radiation therapy by PBM➤ Photo-Dynamic-Therapy (PDT): Photo – sensitizers + Laser a powerful option to treat cancer	
Handout of certificates	15.30
End of seminar and workshops	16:00





Registration Form European Laser Academy – International Seminar 2023

SEMINAR – FEE: Monday to Friday, October 23rd- October 27th2023 (including. Script and soft drinks during seminar breaks) – **Total price 1500.00 € (early bird until August 21st 2023: 1250€)**

.....
Name (Family Name)

.....
First (Given Name)

.....
Profession + Interests

.....
Country

Postal Code / Zip

City

.....
Date of Birth (DD/MM/YYYY)

Phone number (including country code)

E-Mail: *

I will transfer to: Bank-Account: Michael Weber; Bank: Al Maryah Community Bank LLC, IBAN: AE500975573916940000001

By signing below, I certify the mandatory registration for the 5-days seminar.

.....
place

date

signature

Venue

European Laser Clinic, Estrade da Fareira 2; 8400-564 Carvoeiro / Lagoa; Algarve; Portugal

Seminar times

Monday to Thursday:

09:00 hr – 12:00 hr and 14:30 – 17:00 hr

Friday:

09:00 hr – 12:00 hr and 13:30 – 16:00 hr