

## Thursday, June 8, 2017 Pre-Course

9:00 am - 12:00 pm Dr. med. Dipl. Chem. Michael H. Weber (Lauenförde/Germany, ISLA President): Introductory Course on Medical Laser Therapy

## Friday, June 9, 2017

9:00 - 9:20 am Dr. med. Dipl. Chem. Michael H. Weber (Lauenförde/Germany, ISLA President)/Prof. DDr. Gerhard Litscher (Medical University Graz/Austria, ISLA President): Welcome Note with an Overview on New Developments in Medical Laser Therapy

**First Session:** **Chair: Michael H. Weber (Germany) and Gerhard Litscher (Austria)**

9:20 - 9:50 am Prof. DDr. Gerhard Litscher (Medical University Graz/Austria): Acupuncture and Laser - Highlights from Research

9:50 - 10:20 am Dr. med. Michael Weber (Recklinghausen/Germany): The Effects of Low-Level Laser Therapy (LLLT) on Cellular Metabolism and Mitochondrial Function

10:20 - 10:50 am Dr. med. Volkmar Kreisel (Bietigheim-Bissingen/Germany): Resonance Therapy with Laser Light - New Sets of Frequencies

10:50 - 11:00 am Panel Discussion

**11:00 - 11:30 am Coffee Break**

**Second Session:** **Chair: Michael H. Weber (Germany) and Michael Grandjean (Germany)**

11:30 - 12:00 pm Axel von Hirschheydt (Lauenförde/Germany): Latest Research on the new "Laser Watch"

12:00 - 12:30 pm Dr. med. Michael Grandjean (Rüsselsheim/Germany): The Role of Endothelial Dysfunction and Therapeutic Options with Laser Light

12:30 - 1:00 pm Dr. med. Luis Martinez-Rivera (Ponce/Puerto Rico): Systemic Regeneration through Low-Level Laser Therapy

1:00 - 1:10 pm Panel Discussion

**1:10 - 2:10 pm Lunch Break**

## Third Session:

2:10 - 2:40 pm

**Chair: Gerhard Litscher (Austria) and Volkmar Kreisel (Germany)**

Dr. med. Bryan Frank (Oklahoma/USA): Laser Therapies and Photostimulants in an Integrative Health Practice

2:40 - 3:10 pm

Dr. med. Ingo-Frithjof Zürn (Nordrach/Germany): Integrative Therapy of Arterial Circulatory Disorders with Main Focus on Oxygen Therapy and Intravenous Laser Therapy

3:10 - 3:40 pm

Dr. med. dent. Wolfgang Stute (Bielefeld/Germany): The Role of Teeth Diseases in Integrative Medicine

3:40 - 4:10 pm

Dr. med. Stephan Bortfeldt (Laatzten): Heart Rate Variability – Vegetative Diagnostics for Clinical Applications

4:10 - 4:20 pm

Panel Discussion

**4:20 - 5:00 pm**

**Coffee Break**

**5:00 - 6:00 pm**

**Workshops**

**Workshop 1:**

Axel von Hirschheydt/Ahmed Afana (Lauenförde/Germany): **Preparation and Application of Platelet-Rich-Plasma (PRP) in Combination with Laser Therapy**

**Workshop 2:**

Dr. med. Michael Grandjean (Rüsselsheim/Germany): **Laser-assisted contact-free Diagnostics - How to Find the Appropriate Drug and Laser Wavelength**

**Workshop 3:**

Dr. med. Dipl. Chem. Michael H. Weber (Lauenförde/Germany): **Latest Protocols in Photodynamic and Sonodynamic Cancer Therapy**

**7:00 pm**

**Buffet and Live Music at Weber-Park (Lauenförde)**

## Saturday, June 10, 2017

### Fourth Session:

**Chair: Michael H. Weber (Germany) and Gerhard Litscher (Austria)**

9:00 - 9:30 am

Dr. med. Salaheldin Halasa (Maryland/USA): Nitromedicine - Novel Applications of Nitric Oxide, Antioxidants, Low-Level-Lasers, Platelet-Rich Plasma and Stem Cells in Regenerative Medicine

9:30 - 10:00 am

Dr. med. Praveen Arany (University Buffalo/USA): Clinical Translational Progress in Regenerative Applications by Harnessing Endogenous Stem Cells with Photobiomodulation Therapy

10:00 - 10:30 am

Prof. Dr. med. Juanita Anders (University Bethesda/USA): A Fundamental Effect of Photobiomodulation: Alteration of Gene and Protein Expression

10:30 - 10:40 am

Panel Discussion

**10:40 - 11:10 am**

**Coffee Break**

### Fifth Session:

**Chair: Michael H. Weber (Germany) and Michael Grandjean (Germany)**

11:10 - 11:40 am

Dr. med. Ann Liebert (University Sydney/Australia): The Mechanism of Action of Photobiomodulation in the Prevention of Myocardial Reperfusion Injury and Implications for Translational Research

11:40 - 12:10 pm

Dr. med. Basem Henri/Dr. med. Sherry Fanous (Cairo/Egypt): Knee Pain Management using Ultrasound-Guided Endolaser Technology in Comparison to Fluoroscopy-Guided Continuous Radio-Frequency

12:10 - 12:40 pm

Dr. med. Laura Ailioaie (Iasi/Romania): New Insights into the Benefits of the New Blue Laser in Chronic, Infectious and Age-Related Diseases. Perspectives in Cancer Therapy

12:40 - 12:50 pm

Panel Discussion

**12:50 - 1:50 pm**

**Lunch Break**

**Sixth Session:** Chair: Michael H. Weber (Germany) and Jürgen Arnhold (Germany)

1:50 - 2:20 pm Dr. med. Dipl. Chem. Michael H. Weber (Lauenförde/Germany): New Developments in Photodynamic and Sonodynamic Cancer Therapy

2:20 - 2:50 pm Prof. Dr. Udo Bakowksy (University Marburg/Germany): Liposomal Indocyaninegreen (ICG) - Formulations, Properties and Applications

2:50 - 3:20 pm Dr. med. Jürgen Arnhold (Königstein/Germany): Photodynamic Therapy – Plant Extracts and Synthetic Formulations in Cancer Therapy

3:20 - 3:30 pm Panel Discussion

**3:30 - 4:00 pm Coffee Break**

**Seventh Session:** Chair: Michael H. Weber (Germany) and Gerhard Litscher (Austria)

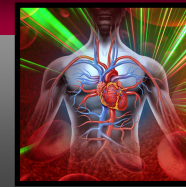
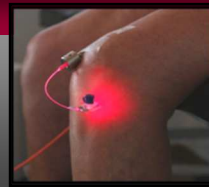
4:00 - 4:30 pm Dr. med. Aristotelis Davaroukas (Nürnberg/Germany): New Results in the Treatment of Chronic Prostatitis with Photodynamic Therapy

4:30 - 5:00 pm Jennifer Miele/Dr. Robert Borchert (Tijuana/Mexico): Integrative Immunology and Photodynamic Therapy

5:00 - 5:30 pm Dr. med. vet. Thomas Backhaus (Lönquich/Germany): Laser-Immunotherapy in Dog Oncology (esp. Breast Tumors)

5:30 - 5:40 pm Panel Discussion

5:40 - 6:00 pm Dr. med. Dipl. Chem. Michael H. Weber (Lauenförde/Germany)/Prof. DDr. Gerhard Litscher (Medical University Graz/Austria): Closing Words and Future Perspectives



**Registration Form:**

**Fax: +49 5273 3677819**  
**Email: [info@isla-laser.org](mailto:info@isla-laser.org)**

Name: \_\_\_\_\_

Street, House No.: \_\_\_\_\_

Zip Code, City: \_\_\_\_\_

Country: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

**Attendance Fee:**      **ISLA Members**      **Other Attendants**

Congress Pass      300 € / Person       350 € / Person

1-Day Ticket Friday      180 € / Person       200 € / Person

1-Day Ticket Saturday      180 € / Person       200 € / Person

**Special Program Highlights:**

Thursday: Introductory Course Laser Therapy 120 € / Person

Friday: Open Air Buffet with Live Music      70 € / Person

**Payment Method:**

Bank transfer upon receipt of invoice     

Direct debit (only applicable within EU)     

Credit card     

**Alternatively: Register online [www.isla-laser.org](http://www.isla-laser.org)**



International Society for Medical Laser Applications

## 12th International Congress for Medical Laser Applications

**June 9-10, 2017**

**Stadthalle Beverungen**

**Kolpingstraße 5**

**37688 Beverungen**

**Germany**

**Main Topics:**

**Medical Laser Therapy - Pain Therapy - Regenerative  
Medicine - Laserneedle Acupuncture -  
Intravenous Laser Therapy - Interstitial and  
Intra-articular Laser Therapy - PRP and Laser -  
Transcranial Laser Therapy - Photodynamic and  
Sonodynamic Tumor Therapy - Immunotherapy -  
Stem Cells and Laser**

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