**LaserInnsbruck 2014**

**Agenda**

*Wednesday, September 3, 2014*

11:00 – 14:00  **IPRAS Academy Course Fat Grafting: Fundamentals, Indications, Complications**
  
  *Course Director:* Marita Eisenmann-Klein, MD
  
  *Invited Faculty:* Thomas Bauer, MD; Mohammad Jawad, MD; Norbert Pallua, MD; Elisabeth Russe, MD

11:00 – 11:10  **Introduction**
  
  Marita Eisenmann-Klein, MD

11:10 – 11:30  **Latest Research on Fat and its Clinical Relevance**
  
  Norbert Pallua, MD

11:30 – 11:50  **Equipment and Standard Techniques of Fat Grafting**
  
  Thomas Bauer, MD

11:50 – 12:10  **Reconstructive and Aesthetic Fat Grafting in the Breast**
  
  Marita Eisenmann-Klein, MD

12:10 – 12:30  **Reconstructive and Aesthetic Fat Grafting of the Face**
  
  Norbert Pallua, MD

12:30 – 12:50  **Autologous Fat Grafting in Scar Treatment**
  
  Elisabeth Russe, MD

12:50 – 13:10  **Fat Grafting versus PRP for Scars**
  
  Mohammad Jawad, MD

13:10 – 14:00  **Round Table Future of Fat Grafting - More Indications and Developments**
  
  Discussion and Summary

14:00 – 15:00  **Cash Lunch in the Foyer**
15:00 – 18:00  Laser in Dermatology and Plastic Surgery Fundamentals, Safety and Complications

Course Director: Suzanne Kilmer, MD
Invited Faculty: R. Rox Anderson, MD; Merete Hædersdal, MD; Emil Tanghetti, MD; Christopher Zachary, MD

15:00 – 15:25  Laser Tissue Interaction and Safety
R. Rox Anderson, MD

15:25 – 15:45  Basics of PDT
Merete Hædersdal, MD

15:45 – 16:05  Laser Hair Removal
Merete Hædersdal, MD

16:05 – 16:25  Laser Treatment of Vascular Lesions
Emil Tanghetti, MD

16:25 – 16:45  Laser Treatment of Pigmented Lesions
Emil Tanghetti, MD

16:45 – 17:00  Laser Treatment of Tattoos
Suzanne Kilmer, MD

17:00 – 17:25  Fractional Non Ablative and Ablative Resurfacing
Christopher Zachary, MD

17:25 – 17:45  Combining Fully Ablative and Fractional Resurfacing (and other lasers) to Optimize Results
Suzanne Kilmer, MD

17:45 – 18:00  Discussion and Summary

18:15 – 19:15  Conference Opening and Welcome

Conference President
Katharina Russe-Wilflingseder

Scientific Program Committee
Merete Hædersdal, Albert Nemeth, Emil Tanghetti, Christopher Zachary,

President of the International Confederation of Plastic, Reconstructive and Aesthetic Surgery
Marita Eisenmann-Klein

Introduction of Invited Lecture
Suzanne Kilmer
Invited Lecture
R. Rox Anderson: Professor of Dermatology, Harvard Medical School, Director, Wellman Center for Photomedicine, Massachusetts General Hospital, Boston, MA, USA

19:15 – 21:00  **Welcome Reception**
In the Exhibit Hall
Tyrolean “Bretteljause”
Join Us to Meet Colleagues, Exhibitors, and Make New Friends

**Thursday, September 4, 2014**

9:00 – 18:00  **Exhibit Hall Open**

9:00 – 11:00  **Advances and Controversies in the Treatment of Skin Cancer**
*Chair:* Emil Tanghetti, MD
*Invited Faculty:* Barbara Del Frari, MD; Merete Hædersdal, MD; Suzanne Kilmer, MD; Elisabeth Russe, MD
*Abstract Speakers:* Christiane Bay, MD; Christina Banzhal, MD; Andrés Erlendsson, MD; Christina Haak, MD; Elisabeth Taudorf, MD

9:00 – 9:10  Reconstructive Repairs for Skin Cancer & Problematic Cutaneous Lesions: An Overview
Elisabeth Russe, MD

9:10 – 9:15  Special Consideration of the Aesthetic Appearance of Free Flaps for Head and Neck Reconstruction
Barbara Del Frari, MD

9:15 – 9:20  Discussion
Actinic Keratosis and Non-Melanoma Skin Cancers

9:20 – 9:35  Laser Treatments – CO2, Thulium and Erbium Laser
Suzanne Kilmer, MD

9:35 – 9:50  PDT Enhancement with Devices
Merete Hædersdal, MD

9:50 – 10:05  PDT Enhancement With Medical Measures
Emil Tanghetti, MD

10:05 – 10:20  Painless PDT – Daylight, Others
Merete Hædersdal, MD

10:20 – 10:25  Pretreatment With Calcipotriol Enhances Mal-Induced Ppix Formation. A Murine Study
Christiane Bay, MD

10:25 – 10:30  Laser Ablated Channels Visualized By In Vivo Confocal Laser-Scanning Microscopy And Optical Coherence Tomography: When Do Channels Close?
Christina Banzhal, MD
10:30 – 10:35  Fractional Laser-Mediated Photodynamic Therapy Of High-Risk Basal Cell Carcinomas – A Randomized Clinical Trial
Christina Haak, MD

10:35 – 10:40  Impact Of Pressure On Fractional Laser-Assisted Drug Delivery
Andrés Erlendsson, MD

10:40 – 10:45  Topical Methotrexate Delivery Varies With Ablative Fractional Laser Channel Depth
Elisabeth Taudorf, MD

10:45 – 11:00  Discussion and Summary

11:00 – 11:30  Coffee Break with Exhibitors

11:30 – 11:45  Advances and Controversies in Autologous Fat Grafting
Chair: Norbert Pallua, MD
Invited Faculty: Marita Eisenmann-Klein, MD; Mohamad Jawad, MD; Evi Morandi, MD; Xavier Santos, MD
Abstract Speaker: Robert Bowen, MD

11:30 – 11:45  Autologous Lipotransfer: Scientific Background and Clinical Results
Norbert Pallua, MD

11:45 – 11:55  Integrin Alpha V - An Essential Regulator of ASC Physiology
Evi Morandi, MD

11:55 – 12:10  More and More Indications for Fat Grafting in Breast Surgery
Marita Eisenmann-Klein, MD

12:10 – 12:25  Fat Grafting in Scar Treatment: Future Directions
Mohammad Jawad, MD

12:25 – 12:35  Adipose-Derived Mesenchymal Cells Manipulated to Enhance Take of Fat Grafts
Xavier Santos, MD

12:35 – 12:45  An Alternative Method of Preparing SVF for Use in Cell Augmented Fat Grafting
Robert Bowen, MD

12:45 – 13:00  Discussion and Summary

13:00 – 14:00  Lunch in the Exhibit Hall

14:00 – 15:30  New Perspectives on Treatment of Vascular Lesions: Hemangiomas/Port Wine Stains/Venous Malformations
Chair: Emil Tanghetti, MD
Invited Faculty: R. Rox Anderson, MD; Klaudia Knerl, MD; Albert Nemeth, MD
Abstract Speakers: Jesus del Pozo, MD; Gerd Kautz, MD
14:00 – 14:20  Treatment of Telangiectasia and Redness – Device vs. Drug
Emil Tanghetti, MD

14:20 – 14:40  The Use of Topical and Systemic Drugs Used in Combination with Lasers and Light Devices to Treat Hemangiomas, Port-Wine-Stains and Other Vascular Lesions: New Horizons
R. Rox Anderson, MD

14:40 – 14:50  Laser Treatment in Combination with Topical Rapamycin for Port Wine Stains/Propranolol for Hemangiomas: A Practice Perspective
Albert Nemeth, MD

14:50 – 15:00  Surgical With or Without Laser Assistance to Treat Difficult Vascular Problems
Klaudia Knerl, MD

15:00 – 15:05  Eccrine Angiomatous Hamartoma. Treatment with PDL and Nd-YAG Sequential Laser – Casuistic
Jesus del Pozo, MD

15:05 – 15:10  Laser & IPL treatment of Vascular Anomalies with Emphasize on Capillary Malformations
Gerd Kautz, MD

15:10 – 15:30  Discussion and Summary

15:30 – 16:00  Coffee Break with Exhibitors

16:00 – 16:45  What’s New in Regenerative Medicine
Chair: Marita Eisenmann-Klein
Invited Faculty: Ebgenih Leshunov

16:00 – 16:30  Novel Minimally Invasive Therapies in Aesthetic and Clinical Gynecology

16:30 – 16:45  Discussion

16:45 – 17:00  Break With Exhibitors

17:00 – 18:00  Oscar Winning Documentary Saving Face – Confront the Acid Attacks
Marita Eisenmann-Klein, MD and Mohammad Jawad, MD
Advances and Controversies in Facial Rejuvenation and Skin Tightening

Chair: Marita Eisenmann-Klein, MD; Suzanne Kilmer, MD
Invited Faculty: Romulo Mene, MD; Norbert Pallua, MD; Uwe Paasch, MD; Katharina Russe-Wilflingseder, MD
Abstract Speakers: Mohammad Alshami, MD; Gerd Kautz, MD

9:00 – 9:15 Facelift: The Ultimate Solution?
Marita Eisenmann-Klein, MD

9:15 – 9:25 Autologous Fat Grafts for Facial Rejuvenation
Norbert Pallua, MD

9:25 – 9:35 Minimally Invasive Laser Tissue Tightening for Face and Neck - A Scarless Lift?
Katharina Russe-Wilflingseder, MD

9:35 – 9:45 Blepharoplasty with Laser and Laser Resurfacing Treatment for Periorbital Resurfacing and 19 Year Follow-up
Romulo Mene, MD

9:45 – 10:00 Discussion and Summary

10:00 – 10:10 Fractional Non-ablative 1064nm qs Laser Assisted Dermal Application of Hyaluronic Acid
Uwe Paasch, MD

10:10 – 10:18 New Application of the Long Pulsed Nd-YAG Laser as an Ablative Resurfacing Tool for Skin Rejuvenation - a 7-Year Study
Mohammad Alshami, MD

10:18 – 10:26 ResurFXTM: A New Fractional Non-Ablative Laser
Gerd Kautz, MD

10:26 – 10:46 Combining Toxin Fillers and Lasers for Optimal Facial Rejuvenation
Suzanne, Kilmer, MD

10:46 – 11:00 Discussion and Summary

11:00 – 11:30 Coffee Break with Exhibitors
11:30 – 13:00  
**Advances and Controversies in Body Contouring Fat and Cellulite – Invasive/Non-Invasive – Hot and Cold**

*Chair:* Christopher Zachary, MD  
*Invited Faculty:* Katharina Russe-Wilflingseder, MD; Xavier Santos, MD; Gottfried Wechselberger, MD  
*Abstract Speaker:* Matteo Tretti Clementoni, MD

11:30 – 11:45  
The Influence of Panniculectomy on Quality of Life: Indications, Technique and Outcome  
Gottfried Wechselberger, MD

11:45 – 11:55  
Decision Algorithm for Body Contouring: Invasive or Non-Invasive  
Xavier Santos, MD

11:55 – 12:05  
Laser Assisted Body Contouring: Indications, Endpoints and Results  
Katharina Russe-Wilflingseder, MD

12:05 – 12:20  
Understanding the Mechanisms and Efficacy In Non-Invasive Fat Reduction  
Christopher Zachary, MD

12:20 – 12:35  
Subcutaneous Tissue Response to a Non-Invasive Hyperthermic Treatment

12:35 – 12:43  
Dual Impact For Treating Striae Distensae (Alba) Using Fractional 1565nm Non-Ablative Laser  
Matteo Tretti Clementon, MDi

12:43 – 13:00  
Discussion and Summary

13:00 – 14:00  
*Lunch in the Exhibit Hall*

14:00 – 16:00  
**Advances and Controversies in the Treatment of Scars**

*Chair:* R. Rox Anderson, MD  
*Invited Faculty:* Merete Hædersdal, MD; Mohammad Jawad, MD; Klaudia Knerl, MD; Christopher Zachary, MD  
*Speakers:* Marie Bjørn, MD; Matteo Tretti Clementoni, MD; Katrine Karmisholt, MD; Ulrich Retzke, MD

14:00 – 14:20  
Reconstructive Repairs for Scars; Surgery, Fat, PRP  
Mohammad Jawad, MD

14:20 – 14:35  
Laser and Drug Combinations for Scar Treatment  
R. Rox Anderson

14:35 – 14:50  
Creating “Normal” Collagen: Devices, Drugs, Oligonucleotides  
Christopher Zachary, MD

14:50 – 15:00  
CO2 Laser Treatment of Scars - Does it Really Work?  
Klaudia Knerl, MD
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<th>Time</th>
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<tr>
<td>15:00 – 15:10</td>
<td>Non-Ablative Fx Laser for Burn Scars</td>
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<td>Merete Hædersdal, MD</td>
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<td>15:10 – 15:18</td>
<td>Why Burn a Burn: Advanced Fractional CO2 Treatment</td>
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<td>Matteo Tretti Clementoni</td>
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<td>15:18 – 15:26</td>
<td>Fractional CO2 Laser for Treatment of Mature Caesarean Sectionscars -A Randomized, Split Scar, Treated vs. Untreated Control Study</td>
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<td>Katrine Karmisholt, MD</td>
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<td>15:26 – 15:34</td>
<td>Treatment and Prophylaxis of Keloids in Surgical Scars</td>
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<td>Ulrich Retzke, MD</td>
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<td>15:34 – 15:42</td>
<td>Treatment of Acne Scars with Fractional CO2 Laser at 1-Month versus 3-Month Intervals: An Intra-Individual Randomized Controlled Trial</td>
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<td>Marie Bjørn, MD</td>
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<td>15:42 – 16:00</td>
<td>Discussion and Summary</td>
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<td>16:00 – 16:15</td>
<td><strong>Coffee Break with Exhibitors</strong></td>
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<td>16:15 – 17:30</td>
<td><strong>Advances and Controversies in Different Indications</strong></td>
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<td><strong>Chair:</strong> Merete Hædersdal, MD</td>
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<td><strong>Invited Faculty:</strong> Romulo Mene, MD</td>
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<td><strong>Speakers:</strong> Mohammad Alshami, MD; Kimberly Butterwick, MD; Gerd Kautz, MD; Jean-Luc Levy, MD; Leonardo Marini, MD; Anne-Cathrine Vissing, MD</td>
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<td>16:15 – 16:25</td>
<td>Management of the Major Complications of Lasers Used for Resurfacing</td>
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<td>Romulo Mene, MD</td>
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<td>16:25 – 16:35</td>
<td>A Comparison Between Fractional 2940nm Er: YAG Priming and a Novel 1064nm Q-S Photo-acoustic Fractional Ablation Followed by Two Full-beam Q-S Sequential Layering in Tattoo Pigment Removal</td>
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<td>Leonardo Marini, MD</td>
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<td>16:35 – 16:45</td>
<td>Long-Pulsed 532-Nm Nd: YAG Laser Treatment for Small Acquired Melanocytic Nevi in a Single Session: An 8-Year Study of 350 Yemeni Patients</td>
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<td>Mohammad A Alshami, MD</td>
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<td>Jean-Luc Levy, MD</td>
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<td>16:55 – 17:05</td>
<td>Laser And Light Therapies for Acne Rosacca</td>
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<td>Kimberly Butterwick, MD</td>
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<td>17:05 – 17:15</td>
<td>Management of Rosacea with Intense Pulsed Light Systems and Laser</td>
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<td>Gerd Kautz, MD</td>
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17:15 – 17:25  Adjuvant Efornithine to Maintain IPL-Induced Hair Reduction in Women with Facial Hirsutism: A Randomized Controlled Trial
Anne-Cathrine Vissing, MD

17:25 – 17:30  Discussion and Summary

18:45 – 22:30  Tyrolean Evening at the Alpenlounge Seegrube at 2000m — Enjoy a spectacular location on top of the mountains

Saturday, September 6, 2014

9:00 – 12:30  Exhibit Hall Open

9:00 – 10:15  What's New I: Prevention and Treatment of Acne, Onychomycosis
Chair: Merete Hædersdal, MD
Invited Faculty: R. Rox Anderson, MD; Suzanne Kilmer, MD; Uwe Paasch, MD

Strategies For Sebaceous Gland Modulation; Cryosurgery, Laser, Nano-Particles
R. Rox Anderson, MD

Fractional Laser-Assisted Drug Delivery from Lab to Patient
Merete Hædersdal, MD

Conventional Devices, UVB, Blue Light, Near Infrared
Suzanne Kilmer, MD

Lessons to Learn From Thermography: Do Lasers Have a Role to Treat Onychomycosis
Uwe Paasch, MD

10:15 – 10:45  Coffee Break with Exhibitors

10:45 – 11:30  What’s New II: Pico and Beyond
Chair: Christopher Zachary, MD
Invited Faculty: R. Rox Anderson, MD; Suzanne Kilmer, MD; Elisabeth Russe, MD; Emil Tanghetti, MD

Picosecond Lasers Beyond Tattoos
Emil Tanghetti, MD

Picosecond Lasers Beyond Clinical
Emil Tanghetti, MD

Optimizing Picosecond Lasers and Tattoos
Suzanne Kilmer, MD

11:30 – 11:45  Directional Skin Tightening: A Novel Concept
Elisabeth Russe, MD
11:45 – 12:00  Traser – Now, New, Next
Christopher Zachary, MD

12:00 – 12:30  The Role of Tissue Copying in Surgery
R. Rox Anderson, MD