

PROGRAM



EPSRC 2022

26th-27th August | Vienna, Austria



*Welcome
to Vienna*

WELCOME TO THE
13TH MEETING
OF THE EUROPEAN
PLASTIC SURGERY
RESEARCH COUNCIL

FRIDAY, AUGUST 26

07.30 - 08.00 **Registration**

08.00 - 08.15 **Welcome**

Christine Radtke - Ion Zegrea

08.20 - 08.40 **Keynote Lecture 1**

Personal road to leadership – thoughts and perspectives

Gregory Evans

08.40 - 09.30 **Session I: Nerve**

(8 min each + 2 mins questions each)

Moderators: Peter Vogt, Paul Cederna

- » Spider Silk in Peripheral Nerve Regeneration: Unravelling the Material's Biochemical Properties Responsible for its Success
Sarah Stadlmayr, Vienna, Austria
- » Reconstruction of Peripheral Nerves after Neuroma, and Tumor Resection with Processed Allogenic Nerve Graft (AVANCE® Nerve Graft)
Anton Borger, Vienna, Austria
- » Crystallinity and Stiffness of Spider Silk Govern the Migration of Schwann Cells
Aida Naghilou, Vienna, Austria
- » A Fibrous and Porous Nature of Hydrogels Promotes Directed Migration of Schwann Cells
Flavia Millesi, Vienna, Austria
- » Sural Nerve Biopsy as a Clinical Model for Translational Evaluations of Bioengineered Nerve Guides: A Single-Blinded Randomized controlled Prospective Study
Khaled Dastagir, Hannover, Germany
- » Anatomic study of the peripheral motor branches of the swine facial nerve
Elena Millesi, Vienna, Austria

09.30 - 09.50 **Keynote Lecture 2**

Tales from the Neuromuscular Junction: Investigating Motor Recovery Following Nerve Injury

Alison Snyder-Warwick

09.50 - 10.10 **Keynote Lecture 3**

Implant Based Multiplane Breast Augmentation – a Personal Concept for Dynamic Implant-Tissue Interaction and Shape Stability

Peter Vogt

10.10 - 11.00

Session II: Breast Reconstruction*(8 min each + 2 mins questions each)**Moderators: Patrick Garvey, Arash Momeni*

- » Retrospective Data Analysis on Local Infections after Insertion of Breast Implants
Laurenz Kaisergruber, Hamburg, Germany
- » Textbook Outcomes in DIEP Flap Breast Reconstruction: An International Delphi Study to Establish an Expert-Based Consensus
Ronnie L. Shammas, Durham, USA
- » A Forgotten Entity Following Breast Implant Contracture: Does Baker Need a Change?
Andrea Pagani, Munich, Germany
- » Comparison of Using Autologous Dermal Flap and Absorbable Breast Mesh in Risk-Reducing Subcutaneous Mastectomy with Immediate Breast Reconstruction
Matej Patzelt, Prague, Czech Republic
- » Predicting Final Implant Volume in Two-Stage Prepectoral Breast Reconstruction
Andrew Atia, Durham, USA
- » Consequences and Predictors of Prolonged Tissue Expander Duration in Breast Reconstruction
Hannah C. Langdell, Durham, USA
- » Complications of Immediate versus Delayed DIEP Reconstruction: A Meta-analysis of Comparative Studies
André S. Alves, Porto Alegre, Brazil

11.15 - 11.30

Coffee Break / Microsurgery Corner

11.30 - 11.50

Keynote Lecture 4

Is There Value in the Use of Pre-Operative and Intra-Operative Imaging in Autologous Breast Reconstruction?

David Mathes

11.50 - 12.10

EPSRC Mentorship Program*Rene Largo*

12.10 - 13.00

Lunch Break / Microsurgery Corner

FRIDAY, AUGUST 26

(8 min each + 2 mins questions each)

13.00 - 13.50

Session III: Experimental and Translational Research

Moderators: Jesse Selber, Christoph Hirche

- » Preclinical Studies in Vascularized Composite Allotransplantation
Andreea Grosu-Bularda, Bucharest, Romania
- » Comparison of Different Extracellular Vesicles Populations Derived from Adipose Tissue Derived Stromal Cells Depending on Conditioning Period
Anton Borger, Vienna, Austria
- » Differences in the Basal Flow and Occlusion-Induced Reactive Hyperemia of the Apical and Non-Apical Cutaneous Microcirculation. Effect of botulinum toxin
Imola Nagy, Budapest, Hungary
- » The origin and Course of the Infrapatellar Branch of the Saphenous Nerve: An Anatomical Study
Emile List (David D. Krijgh presenting), Utrecht, Netherlands*
- » Evidence-Based Considerations on Donor Nerve Selection and Ideal Muscle Weight in Long-Standing Facial Paralysis – The Freiburg Algorithm
Jurij Kiefer, Freiburg, Germany
- » The Prevalence of Residual Limb Pain and Symptomatic Neuromas Following Lower Extremity Amputation: A Systematic Review and Meta-Analysis
Emile List, Utrecht, Netherlands

13.50 - 14.10

Keynote Lecture 5

Innovation and the Plastic Surgeon

Paul Cederna

14.10 - 14.30

Keynote Lecture 6

Lymphovenous Anastomosis Prophylactically is Ontologically Safe in the Setting of Macroscopic Lymph Node Resection

Brian Gastman

14.10 - 15.30

Session IV: Clinical Research*(8 min each + 2 mins questions each)**Moderators: Brett Philips, Salvatore Giordano*

- » **Out on a limb: Conserved epidermal factors direct bone growth in mouse digit tip regeneration**
David Brown, Durham, USA
- » **Grzybowski Type Generalized Eruptive Keratoacanthomas Covering 95% of the Body Surface and Bilateral Ectropion - Part 1: When Donor Site Options Become Scarce**
Amélie Justine Klein, Geneva, Switzerland
- » **Comparative Analysis of Intralesional Sclerotherapy with Bleomycin Versus Sodium Tetradecyl sulfate in the Management of Venous malformation**
Ashutosh Shankhdhar, Patna, India
- » **Descriptive Anatomical Variant of the Superficial Temporal Artery in Temporoparietal Fascia Flap in Microtia Reconstruction**
Ha Nguyen Hong, Vietnam
- » **Secondary, one-stage microsurgical orbital reconstruction – a case report**
Piotr Drozdowski, Warsaw, Poland
- » **The role of fractional CO2 and pulsed dye laser in scar management.**
Eseme Ebai Ashu, Geneva, Switzerland
- » **C-reactive protein aggravates acute allograft rejection via subset specific monocyte activation visualized in a VCA model**
Jurij Kiefer, Freiburg, Germany

15.30 - 16.10

Break / Sponsor

16.10 - 16.30

Keynote Lecture 7

Biomedical Entrepreneurship in Academic Medicine

Justin Sacks

16.30 - 16.50

Keynote Lecture 8

Innovation in Plastic Surgery

Tim King

17.00 - 18.00

Business Meeting

19.30 - 24.00

Social Evening | Heurige - Fuhrgassl Huber

SATURDAY, AUGUST 27

07.45 - 08.20 Registration

08.20 - 08.40 Keynote Lecture 9

Flap Neurotization in Breast Reconstruction- Past, present and the future.

Arash Momeni

(8 min each + 2 mins questions each)

08.40 - 09.30 Session V: Basic Research in Plastic Surgery

Moderators: *Christine Radtke, Carlo Oranges*

» Overcome limitation in peripheral nerve surgery

Tim Kornfeld, Berlin, Germany

» Step by Step Free Flap Training Based on Inferior Superficial Epigastric Vessels in Rats

Florin-Vlad Hodea, Bucharest, Romania

» Results of a Study Comparing Mechanical Properties of Hand Flexors of Preserved and Fresh Cadavers

Ondrej Šedivý, Brno, Czech Republic

» Adipose-Derived Stem Cell Transplantation Enhances Peripheral Nerve Regeneration in a Peroneal Nerve Injury Model in the Rat

Paul Supper, Vienna, Austria

» TBX21 expression is Enhanced at the NMJ after Injury and is Required for appropriate reinnervation

Curtis Broberg, Washington, USA

» Non-Invasive Monitoring of Soft-Tissue Sarcoma Response to Neoadjuvant Radiotherapy by Quantification of Circulating Tumor DNA (ctDNA) and Multiparametric MRI (mpMRI)

Alexander Runkel, Freiburg, Germany

09.30 - 09.50 Keynote Lecture 10

Corneal Neurotization — a Revolution in the Understanding and Treatment of Neurotrophic Keratopathy

Gregory Borschel

09.50 - 11.30 Session VI: Breast Reconstruction

(8 min each + 2 mins questions each)

Moderators: *David Krijgh, John W. Shuck*

» Operative Time Is an Independent Predictor of Postoperative Outcomes in Bilateral DIEP Flap Breast Reconstruction: A Multivariate Analysis of 1000 Flaps

Alexis C. Lakatta, Los Angeles, USA

- » **Sensated Conjoined DIEP Flaps and Vascularized Lymph Node Transfer: Ferrari Flap**
Suat Morkuzu
- » **Deliberate Practice and Process Analysis in DIEP Flap Breast Reconstruction: An Immediate and Sustained Decrease in Morbidity and Operative Time**
John T. Tycher, Dallas, USA
- » **Defining the Standard for DIEP Donor Site Outcomes: A Decade Long Study on Microvascular Breast Reconstruction and BREAST-Q Patient Satisfaction**
Alexis C. Lakatta, Los Angeles, USA
- » **Predicting Final Implant Volume in Two-Stage Prepectoral Breast Reconstruction**
Andrew Atia, Durham, USA
- » **Breast Free-Flap Reconstruction and Flap Monitoring Times for Microvascular Complications: is there a Set Rule? A Retrospective Study from a High-Volume Tertiary Centre**
Jaikishan Rajput, Belgaum, India
- » **Retrospective Data analysis on Local Infections after Insertion of Breast Implants**
Laurenz Kaisergruber, Hamburg, Germany
- » **Breast-Q and Donor Site Comparison in Bilateral Stacked Autologous Breast Reconstruction**
Kevin Perez and Alexis C. Lakatta, Los Angeles, USA
- » **Effectiveness of prophylactic mastectomy**
A. Berkeš, Brno, Czech Republic
- » **Risk Factors of Arm Lymphedema Following Breast Reconstruction – an Updated Meta-Analysis**
Abdulrahman Abdulaziz Alghamdi, Dammam, Saudi Arabia
- » **Capsulectomy versus Capsulotomy to Treat Breast Capsular Contracture: a Systematic Review and Comparative Meta Analysis**
Ariane Otten, Geneva, Switzerland
- » **Safety and Efficacy of the Superior Gluteal Artery Perforator (SGAP) Flap in Autologous Breast Reconstruction: Systematic Review and Metanalysis**
Jerôme Martineau, Geneva, Switzerland

11.30 - 12.00 Coffee Break / Microsurgery Corner

SATURDAY, AUGUST 27

12.00 - 12.20

Keynote Lecture 11

Customizing the Scapula Tip Free Flap in Head and Neck Reconstruction

Andres Rodriguez Lorenzo

12.20 - 13.40

Session VII: Clinical Outcome Research I

(8 min each + 2 mins questions each)

Moderators: *Geoffery Sisk, Z-Hye Lee*

- » Effectiveness of Autologous Adipose Tissue Graft in Severe Vulvar Lichen Sclerosus
Davide De Vita, Salerno, Italy
- » Surgical Outcomes of VRAM vs Gracilis Flaps in Vulvoperineal Reconstruction Following Oncologic Resection: A Proportional Meta-Analysis
Eseme Ebai Ashu, Geneva, Switzerland
- » Outcome Measures Reported Following Feminising Genital Reconstructive Surgery for Gender Affirmation in Transgender Women and Gender Diverse Individuals: A Systematic Review
Despoina Iakovou, Prague, Czech Republic
- » Donor Nerve Selection in Free Gracilis Muscle Transfer; Systematic Review and Meta-Analysis
Kadir Can Bayezid, Brno, Czech Republic
- » Preliminary Results of Lidar Technology in Hand Surgery
Jan Menoušek, Brno, Czech Republic
- » Are Novel “Alternative” Flaps as Effective as Traditional “Workhorse” Free Flaps in Microsurgical Head and Neck Reconstruction?
Erica Xue, Houston, USA
- » The Use of Amniotic Membrane in Carpal Tunnel Syndrome, a Cadaver Study
Lorenz Semmler, Vienna, Austria
- » Comparing Donor Site Morbidity or Autologous Breast Reconstruction: Thigh vs. Abdomen
Z-Hye Lee

13.40 - 14.30

Lunch Break / Microsurgery Corner

14.30 - 14.50

Keynote Lecture 12

Measuring Success in Craniofacial Surgery

Justine Lee

- 14.50 – 15.30** **Session VIII: Clinical Outcome Research II** *(8 min each + 1 mins questions each)*
Moderators: Erica Xue, Lars Kamolz
- » Risk Assessment Models for Venous Thromboembolism in Patients Undergoing Plastic Surgery: A Systematic Review and Meta-Analysis
Abdulrahman Abdulaziz Alghamdi, Dammam, Saudi Arabia
 - » Prevention of Thromboembolism after Abdominoplasty Surgery: Assessing the Opportunity and pertinence of Caprini Index at a French Health Facility
Abdulaziz Asiry, Toulouse, France
 - » Surgical Correction of Massive Gynecomastia Using Power Assisted Liposuction and Direct Gland Resection
Carlo M. Oranges, Geneva, Switzerland
 - » Multistage Reconstruction of a Large Upper Arm Defect Using a Keystone Type 1 Flap and a Synthetic Skin Substitute
Juan Viscardi, Geneva, Switzerland
 - » Free versus Pedicled Flaps for Lower Limb Reconstruction: A Meta-Analysis of Comparative Studies
Matteo Scampa, Geneva, Switzerland
 - » The Fisher Subunit Anatomical Approach for Cleft Lip Revisions
Jack D. Sudduth, Jackson, USA

15.30 – 16.00 **Break / Sponsor**

- 16.00 – 16.20** **Keynote Lecture 13**
Replacement Strategies in Burn Care and Future Trends
Lars Kamolz

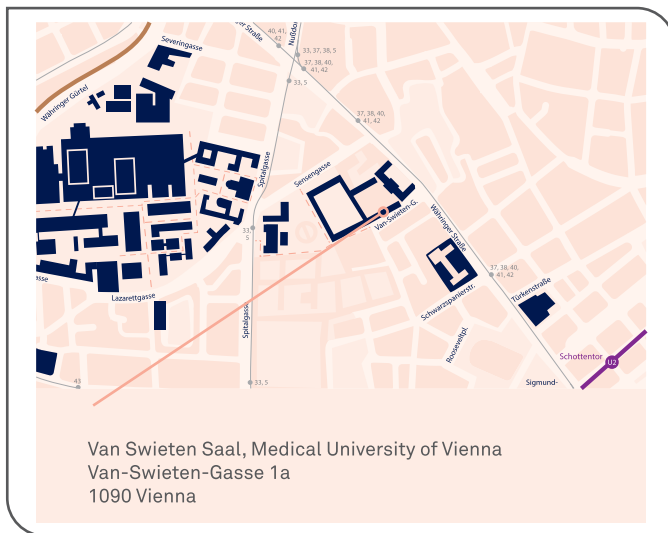
- 16.20 – 17.10** **Short oral presentations** *(6 min each + 1 mins questions each)*
Moderators: Rene Largo, Justine Lee
- » Submuscular Biconvex Silicone Implants for Aesthetic Gluteal Augmentation
André Salval, Milano, Italy
 - » Mensuration and Mitigation of Gender-Based Disparity in Aesthetic Academia: How Can We Do Better?
Suvethavarshini Ketheeswaran, Baltimore, USA
 - » Effect of the Keller Funnel Method “No Touch” On Breast Augmentation and Reconstruction: A Systematic Review
Suat Morkuzu
 - » Perception of Plastic Surgery among Medical Students
Abdulrahman Abdulaziz Alghamdi, Dammam, Saudi Arabia

SATURDAY, AUGUST 27

- » How to Run a Successful Plastic Surgery Social Media Account? Tips and Tricks of the Trade
Wladyslaw Gawel, Ostrava Poruba, Czech Republic
- » Comparison of outcomes following prepectoral and subpectoral implant-based breast reconstruction: a systematic review and meta analysis of the literature
Vladimir Mégevand
- » 3D printing of PLA/PHA - collagen hybrid scaffold for auricular cartilage regeneration
Salem Alshammari
- » Examining the Dogma of “Watchful Waiting” in Fire-Arm-Related Nerve Injuries: Are We Undertreating?
Emma Avery
- » Comparison of olfactory ensheathing cells from the olfactory bulb and mucosa, elucidating the ideal harvest site for spinal cord injury treatment
Sophie Steinwenter, Vienna, Austria

19.00 - 24.00 Social Evening | Taste! Food Market

MEETING LOCATION



SOCIAL EVENTS



Wednesday, 24th August, 18.00

- » Faculty Dinner for key note lecturers and Advisory Board
- » ZAZATAM Restaurant, Hillerstraße 11, 1020 Vienna
- » Metro U2 from Schottentor to Messe Prater, 500 m to walk

Thursday, 25th August, 18.00

- » Welcome Cocktail in the City Center at Donaukanal – Taste! Food Market
- » Obere Donaustraße 83, 1020 Vienna
- » walk on Währinger Straße to Schottentor, take tram 1, get out at Salztorbrücke and walk across the bridge



Friday, 26th August, 19.00

- » Social Evening at a typical Viennese Heuriger – Fuhrgassl Huber
- » Neustift am Walde 68, 1190 Vienna
- » walk on Währinger Straße direction Schottentor, take at Schwarzspanierstraße tram 38 (direction Grinzing), change at Gatterburggasse to bus 35A, get out at Neustift am Walde

Saturday, 27th August, 19.00

- » Welcome Cocktail in the City Center at Donaukanal – Taste! Food Market
- » Obere Donaustraße 83, 1020 Vienna
- » walk on Währinger Straße to Schottentor, take tram 1, get out at Salztorbrücke and walk across the bridge



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