

Schedule EPRSC-ERC 25-26 May 2016

25 May

7.15-8.15: Registration

8.15-8.30: Welcome

B. Hendrickx - M. Hamdi - Fabio Santanelli Di Pompeo - C. Radtke

8.30-9.20: session I: Cancer research

chairs: Christian Bonde, Assaf Zeltzer

8.30 Asaf Olshinka: Identifying the Border of Cutaneous Squamous Cell Carcinoma by Targeted EGFR Antibodies Conjugated to Gold Nanoparticles

8.40 Felix J. Paprottka: Retrospective data analysis in breast cancer patients after skin-sparing or nipple-sparing mastectomy prove efficiency and sustainability of this breast-conserving therapy

8.50 Richa Verma: The effect of axillary lymph node sampling during mastectomy on breast reconstruction complications

9.00 David Restle: The Safety and Efficacy of Utilizing Negative Pressure Wound Therapy after Sarcoma Resection

9.10 Petros Konofaos: Evaluation of SLN status in patients with cutaneous melanoma using ThinPrep® processed FNA specimen

9.30-10.20: session II: Peripheral Nerve + Upper Limb

chairs: Paul Cederna, Christine Radtke

9.30 Edward Chang: Perforator Mapping and Optimizing Design of the Lateral Arm Flap: Anatomy Revisited and Clinical Experience

9.40 Hasime Terziqi: Analysis of Functional Outcome on Post-Burn Upper Limb Contractures in Children in two different countries

9.50 Tim Kornfeld: In vitro observation of 15 cm long artificial nerve grafts seeded with Schwann Cells

10.00 Desiree Schröder: Time Lapse Imaging of Human Neurons co-cultured with Canine Olfactory Ensheathing Cells and Schwann Cells on 3D Spider Silk Constr

10.10 Christoph Wallner: Inhibition of GDF8 (Myostatin) enhances bone healing in murine diabetic bone

10.20-10.50: Keynote lecture 1: Jan Vranckx: "Plastic Surgery & innovation anno 2016: a continuous return trip between Bench & Bed. A story about perforators, transplantation & tissue engineering"

10.50-11.10: Break/microsurgery corner

11.10-13.00: Session III: Stem cells and Tissue engineering

chairs: Hans-Gunther Machens, Yves Harder

11.10 Burak Ozkan: Effect of Adipose Stromal Vascular Fraction on Random Pattern Flap Viability in Rats with Diabetes and Chronic Renal Disease: An experimental study

11.20 Amine Rafik: The potential of adipose derived stem cells for chronic wounds

- 11.30 Margot Den Hondt: Tracheal tissue-engineering: Epithelial grafting of gently-decellularized rabbit trachea
- 11.40 Annika Weigand: Cell assisted lipotransfer - The interaction between adipose derived stem cells and mammary epithelial cells
- 11.50 Arzu Akcal: Enhancing potential territories of the Lateral Thoracic Artery based perforator flap via injections of ADSC
- 12.00 Erhan Coskun: Effect of Non-expanded Adipose Stromal Vascular Fracture on Viability of Transverse Rectus Abdominis Musculocutaneous Flap After Abdominoplasty: Experimental Study
- 12.10 zeynep akdeniz: Repair of critical size defects using bioactive glass seeded with adipose-derived mesenchymal stem cells
- 12.20 Bong-Sung Kim: The MIF Superfamily in Adipose Tissue Inflammation and Wound Repair
- 12.30 Karlien Kallmeyer: In vivo tracking of adipose-derived mesenchymal stromal cells during physiological wound repair
- 12.40 Sarah Berndt: In situ adipose tissue engineering with oleic acid loaded biospheres
- 12.50 Delia Letizia Hoppe: Adipose cell derived regenerative therapy (ACRT); A new approach of lipotransfer in scar treatment

13.00-14.00: lunch break/microsurgery corner

14.00-15.40: Session IV: Craniofacial

chairs: Benoit Lengele, Ion Zegrea

- 14.00 Mariam Ismail: The Deviated Nose: Management and Methods for improved surgical outcomes.
- 14.10 Luca Rosato: Complete Cleft Lip and Palate: how to restore function, symmetry and lack of bone in one surgical procedure.
- 14.20 Gabriel Klein: Comparison of the Basal View and a Previously Standardized Cleft Lip Rating Scale
- 14.30 Ahmad Alali: 3D printed models as teaching models and surgical planing tool
- 14.40 Pierce Janssen: A Retrospective Examination of Three Unique Clinical Scoring Systems to Rule Out Craniofacial Fractures Without CT Imaging
- 14.50 Carlo M. Oranges: Epidemiology and Survival of Patients with Hard Palate Melanoma: a Population-based Study
- 15.00 Savas Serel: An Animal Study on the Effect of Geometric Shape on Healing in Cartilage Defects
- 15.10 Sophie Horbach: Shared decision-making in the management of congenital vascular malformations
- 15.20 Antonella Puddu: Revisited fascia lata in facial palsy
- 15.30 Benoit Hendrickx: The WiFi otoplasty - an entirely posterior approach to setback otoplasty

15.50-16.10: Break/microsurgery corner

16.10-16.40: Keynote lecture 2: Paul Cederna: "The Bionic Man: Not That Far Away"

16.40-18.10: Session V: Outcome/Clinical (part 1)

chairs: Bill Kuzon, Andrew Hart

16.40 Randy De Baerdemaeker: Exploiting more Superficial Inferior Epigastric Artery (SIEA) Flaps: increasing Numbers with the Wow-manoeuvre ? Size does not matter
16.50 Salvatore Giordano: Long-Term Outcomes of Abdominal Wall Reconstruction with Acellular Dermal Matrix
17.00 Guilherme Barreiro: Freestyle Pedicled Perforator and Propellar Flaps: Anatomic Studies and Clinical Application
17.10 Christian Bonde: Development of a novel digital image system in plastic surgery
17.20 Antonios Tsimponis: Benfotiamine: a promising regimen to treat diabetic complications. Its effectiveness in the healing procedure of defects in diabetic animal models
17.30 Riikka Kangas: LigaSure Impact reduces blood loss, complications and re-operation occurrence in abdominoplasty: a comparative study
17.40 Volodymyr Protsenko: Total knee arthroplasty in cases of a soft tissues deficit
17.50 Gabriel Klein: Assessing Clinical Risk Factors for Early (30 Day) and Late (1 year) Re-admission following Immediate Breast Reconstruction
18.00 Salvatore Giordano: Wound Contamination Does Not Affect Outcomes with Acellular Dermal Matrix in Abdominal Wall Reconstruction: Evidence from Propensity Score Analysis

18.10-19.10: Business meeting EPSRC / ERC (Room Versailles, Le Plaza hotel)

19.30-22.00: dinner (La Chaloupe d'Or, Grande Place, walking distance from le Plaza hotel)

26 May

7.00-8.00: registration

8.00 -9.10: Session VI: Microsurgery + Allotransplantation

Chairs: Moustapha Hamdi, Lars-Uwe Lahoda

8.00 Sanne Jansen: Novel perfusion diagnostics in reconstructive surgery: towards prediction of free flap failure.

8.10 Edward Chang: Bipedicle Flap for Unilateral Autologous Breast Reconstruction Revisited: Evolution and Optimization of Flap Design Over 15 Years

8.20 Arzu Akcal: Circumflex Scapular Artery Vascularized Scapular Chimeric Flaps: A New Experimental Flap Model

8.30 Riccardo Schweizer: Subnormothermic Machine Perfusion (SNMP) with a Novel Hemoglobin-based Oxygen Carrier (HBOC) Solution for ex vivo Preservation in Vascularized Composite Allotransplantation

8.40 Radu Olariu: Intra-graft injection of tacrolimus may modulate local immune response promoting long-term acceptance of VCA in a modified Brown Norway-to-Lewis transplantation model.

8.50 Stefan Hummelink: Displaying inguinal lymph nodes before transplantation in a deep inferior epigastric perforator flap breast reconstruction using an innovative projection method.

9.00- 9.30: **Keynote lecture 3 Alex Margulis: "The science of tissue expansion"**

9.30-9.50: Break/microsurgery corner

9.50-11.10: session VII: Angiogenesis + Wound Healing + Burns

chairs: Aernout Luttun, Laurence Boon

9.50 Mehmet Sürmeli: The assessment of the protective effect of Lactobacillus plantarum from Methicillin-resistant Staphylococcus aureus infections in an experimental burn model

10.00 Gurtej Singh: Development of a novel way to create larger vascular conduits of different biomaterials

10.10 Antonios Tsimponis: Benfotiamine: a promising regimen to treat diabetic complications. Its effectiveness in the healing procedure of defects in diabetic animal models

10.20 Aernout Luttun: Multipotent Adult Progenitor Cells support lymphatic growth in wound healing and lymphedema

10.30 Casper Sommeling: Intratissular expansion and layered fat grafting in autologous breast reconstruction

10.40 Stefan Hacker: Paracrine Factors from Human Peripheral Blood Mononuclear Cells Improve Wound Healing, Scar Quality, and Angiogenesis in a Porcine Burn Model

10.50 Francesco Gargano: Burn scar regeneration with the "SUFA" (Subcision and Fat Grafting) technique. A prospective clinical study

11.00 Nicholas Slater: Oxygenated perfusion of free flaps using a modified heart-lung machine to minimize tissue damage during ischemia time: a feasibility study in a porcine model and initial results

11.10-12.10: session VIII: Outcome / Clinical (part 2)

chairs: Philip Blondeel, Rene Largo

11.10 Carlo M. Oranges: Gluteal Augmentation Techniques: a Comprehensive Literature Review

11.20 Salvatore Giordano: Prior Radiotherapy does not affect Abdominal Wall Reconstruction nor Ventral Hernia Repair Outcomes

11.30 Guilherme Barreiro: Versatility of the Pedicled ALT Flap in Functional and Sensate Reconstruction.

11.40 Paul Heidekrueger: Global aesthetic surgery statistics? Meaning and implications

11.50 Caroline Szpalski: An international comparison of reimbursement for DIEAP flap breast reconstruction

12.00 Rieky Dikmans: Two-stage implant-based breast reconstruction is safer than immediate one-stage implant-based breast reconstruction augmented with an acellular dermal matrix: a multicentre randomized controlled trial

12.10-12.40: Keynote lecture 4 Elof Erikson: "It is necessary to innovate.."

12.40-12.45: Adjourn: Benoit Hendrickx

12.45-14.00: lunch /microsurgery corner

13.00-14.00: Junior working group EURAPS (Room Versailles, Le Plaza Hotel)

14.00: Start EURAPS meeting