EURAPS RESEARCH MEETING 2018 PROGRAM

Wednesday 16 May 2018

8.00-9.00  Registration

9.00-9.10  Welcome
A. Cabello
F. Santanelli Di Pompeo
B. Hontanilla

9.10-11.10  Session I: Breast

9.10  Intentional Lower Pole Rotation of Anatomic Breast Implants in Chest Wall Deformities.  
  Mathias Tremp

9.20  Predictors of surgical site infection in post mastectomy posthetic reconstruction.  
  Federico Barbera

9.30  Post radiotherapy two stage breast reconstruction with fat lipotransfer Is it the good alternative?  
  Maria Kotrotsiou

  Mauro Barone

9.50  Analysis of Symmetry Stability Following Implant-Based Breast Reconstruction and Contralateral Management in 582 Patients with Long-Term Outcomes.  
  Mauro Barone
10.00 Latissimus Dorsi Flap with Intraoperative Fat Grafting into the Pectoralis and Latissimus Dorsi Muscles - Novel Modification of Autologous Breast Reconstruction.
Libor Streit

10.10 Accuracy of three software applications for breast volume calculations from 3D surface images.
Tycho Wesselius

10.20 Management of contralateral breast following mastectomy and breast reconstruction using a mirror adjustment with crescent mastopexy technique.
Annalisa Cogliandro

10.30 Mastopexy on reconstructed breast following massive weight loss: an innovative technique using dermo-capsular flaps.
Annalisa Cogliandro

10.40 Everyday cognitive impairment in breast implant patients with self-reported complaints: A case-control study.
Maartje J.L. Colaris

10.50 The influence of radiotherapy on the mechanical properties of silicone breast implants.
Yara Bachour

11.00 Higher concentrations TLR6 and 10 in contracted capsules compared to uncontracted capsules.
Yara Bachour

11.10-11.30 Coffee Break

11.30-13.00 Session II: Tissue Engineering & Fat Grafting

11.30 3D-Printed Hyperelastic Bone Can Accelerate Regeneration in Critical-Sized Boney Defects.
Adam Jakus

11.40 The healing effect of demineralized bone matrix and platelet-rich plasma combination in critical size bone defects.
Celal Alioglu

11.50 Vascularized tongue extracellular matrix production in a porcine model.
Jérôme Duisit

12.00 Axially-vascularized osteogenic grafts from human adipose-derived cells to treat avascular necrosis of bone: from bench to bedside and upscaling.
Rik Osinga
12.10 The effect of adipose-derived mesenchymal stromal cells administered locally for wound repair.  
  *Karlien Kallmeyer*

12.20 Culture in human serum affects TLR-mediated adipokine release of human adipose tissue-derived stromal cells.  
  *Ursula Kraneburg*

12.30 Differential gene expression in adipose stem cells and adipocytes from lipedema and control adipose tissue.  
  *Anna-Theresa Bauer*

12.40 Effects of Tumescent Solution on Fat Survival.  
  *Hakan Sirinoglu*

12.50 The Impact of Recipient Site External Expansion in Fat Grafting Surgical Outcomes.  
  *Carlo M. Oranges*

13.00 A Simple, Reliable, and Inexpensive Intraoperative External Expansion System for Enhanced Autologous Structural Fat Grafting.  
  *Carlo M. Oranges*

13.10 Autologous plasma and its supporting role in fat graft survival: A relevant vector to counteract resorption in lipofilling.  
  *Bernard Depypere*

13.20 NSD1 haploinsufficiency evokes DNA hypomethylation at imprinted DMRs and the increased expression of imprinted genes.  
  *Hidetaka Watanabe*

13.30- 14.30 Lunch

14.30-16.30 Session III: *Peripheral Nerve & Hand*

14.30 A suitable surgical management algorithm in short-term facial paralysis.  
  *Cristina Gómez*

14.40 WALANT- a new form of anesthesia for outpatient hand surgery.  
  *Ursula Kraneburg*

  *Steven Kozusko*

15.00 Human Cadaver Nerve Grafts in Traumatic Cranial and Peripheral Nerve Injuries.  
  *Steven Kozusko*
15. 10 The effects of subepineural hyaluronic acid injection on nerve healing
    *Altug Altinkaya*

15.20 Reconstructive plastic surgery, to infinity and beyond: Innervating engineered muscle tissue.
    *Tal Kaufman*

15.30 VEGF for peripheral nerve regeneration: an in vitro study.
    *Katharina M. A. Prautsch*

15.40 Patients with chronic intractable pain and their outcomes following Qutenza therapy.
    *Gillian Higgins*

15.50 The utilisation of Onabotulimum toxin A (BOTOX®) therapy in patients with neuropathic pain.
    *Gillian Higgins*

16.00 Neurogenic evaluation of Immunophilin Ligands in vitro.
    *Lucas Degruillier*

16.10 Assessment of immunological response after application of epineural sheath in prevention of posttraumatic neuroma formation in the rat model.
    *Aleksandra Klimczak*

16.20 Peripheral Nerve Defect Repair With Fascicular Turnover Flap.
    *Onur Akman*

16.30-17.00 Coffee Break

17.00-19.00 Session IV: **Wound Healing, Scars & Flaps**

17.00 Tissue preconditioning with controlled external suction improves surgical outcomes in obese/diabetic animals and patients.
    *Giorgio Giatsidis*

17.10 Preoperative subcutaneous sildenafil injection increases random flap survival in rats.
    *Merdan Serin*

17.20 Subdermal nitrous oxide delivery increases random flap survival in rats.
    *Merdan Serin*

17.30 Effect of Quercetin (A Powerful Flavonoid) on Survival of Random Skin Flaps in Rats: An Experimental Study.
    *Yasemin Aydinli*
17.40  Different roles of vitamin D3 in human skin, regulation of matrix metalloproteinase-2, alpha-smooth muscle actin and collagen I and III: implications for wound healing and scarring.
   Jing Qin Tay

17.50  First Insights into Human Fingertip Regeneration by Echo-Doppler Imaging and Wound Microenvironment Assessment.
   Luigi Schiraldi

18.00  The effect of poly-L-lactic acid dermal fillers on tendon healing.
   Melihcan Sezgic

18.10  An Experimental Comparison of Skin Wound Healing Properties of Hypericum Perforatum, Liquidambar Orientalis and Propolis Formulations.
   Mehmet Altıparmak

18.20  Silicones for scars: the end of an era?
   Edward De Wolf

18.30  The use of porcine dermis, polynuclotides-added hyaluronic acid and polyurethane foam in chronic ulcers: a comparative randomized trial.
   Francesco Segreto

   Federico Facchin

18.50  Fetal ECM: the origin of scarless healing.
   Philipp Neßbach

19.00-19.15 EURAPS Research Council Business meeting
Thursday 17 May 2018

8.30-10.30 Session V: Outcome/Clinical & Aesthetics

8.30 The differences in accuracy and reproducibility between different 3D imaging devices. *Arico Verhulst*

8.40 Use of the ASPS Conference Hashtag #PSTM17 Dramatically Increased Global Exposure of Academic Plastic Surgery. *Dhivya Srinivasa*

8.50 Trans Swiss: Evaluation of postoperative satisfaction in trans persons in Switzerland. *David Garcia Nuñez*

9.00 Carotid artery resection and grafting in head and neck oncology. A report of 4 cases. *Spyridon Stavrianos*

9.10 Near-infrared fluorescence image-guidance in plastic surgery: systematic review of the literature and clinical cases. *Rutger Schols*

9.20 Mandibular Distraction Osteogenesis in Pierre Robin Sequence: Long term outcomes. *Jordi Puente Espel*

9.30 Novel Alterations in Human Adipose Derived Stem Cell Chromatin Structure during Aging. *Ivona Percec*

9.40 Optimizing the aesthetic appearance of the ear and preventing auricular displacement and earlobe distortion after facelift surgery using a posterior earlobe rotation flap (PERF) and a concha-mastoid suspension suture (CMSS). *Felix J. Paprottka*

9.50 Ex vivo human skin: model for the study of oxidative stress and possible applications as preclinical test in anti-aging medicine and surgery. *Alberto Crema*

10.00 Aging of the upper lip: a retrospective analysis of metric changes in soft tissue on magnetic resonance imaging. *Lisa Ramaut*

10.10 A study of the aging of human muscle by muscular biopsy. *Paolo Toninello*

10.20 First impressions, and how they (should) influence our way of thinking. *Jacques van der Meulen*
10.30-10.50 Coffee Break

10.50-12.50  Session VI: **Microsurgery**

10.50  An innovative Method in Microsurgical Training during Residency.  
*Parthena Deskoulidi*

11.00  Tips and tricks to minimise or treat the musculoskeletal disorders of microsurgeons.  
*Parthena Deskoulidi*

11.10  Impact of Two Attendings on the Outcomes of Microvascular Limb Reconstruction.  
*Denis Ehrl*

11.20  The role of microvascular flap reconstruction in palliation for head and neck cancer. Is it making sense? Our center’s 15 years experience. 
*Spyridon Stavrianos*

11.30  A comprehensive review on genital lymphedema surgery: is microsurgery the goal to pursue?  
*Martino Guiotto*

11.40  Role of lymph nodes? transfer in vascularized composite allotransplantation.  
*Ioana Lese*

11.50  Bioactive nanoparticle formulations promote survival of perforator flaps in a rat model.  
*Ioana Lese*

*Anne Sophie Kruit*

12.10  Head and neck sarcomas. A single institution 16 year experience.  
*Nikolaos Maltzaris*

12.20  Evaluation of lymphaticovenular anastomosis efficacy for lymphedema treatment with indocyanine green lymphography. 
*Carlos Bérniz Laborda*

12.30  Phototherapy increases Zone 4 survival in experimental rat TRAM flap model.  
*Gökhan Sert*

12.40  Complete mandible allotransplantation model: an anatomical study.  
*Maria Teresa Núñez-Villaveirán Baselga*
12.50  
2018 EURAPS Research Council Best Paper  
Alvaro Cabello

13.00  
Adjourn  
Alvaro Cabello

14.00  
Start EURAPS Meeting