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

   Chairman: Dr Manuel Rodríguez-Vegas : Spain
              Dr Giorgio Giatsidis : Italy

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?
      Nikos Maltzaris

      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

   Chairman: Dr Hans-Günther Machens : Germany
   Dr Susanna Kauhanen : Finland

11.30 3D-Printed Hyperelastic Bone Can Accelerate Regeneration in Critical-Sized Bone 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**

Chairman: Dr Shan Shan Qiu Shao : Netherlands  
Dr Rutger Schols : Netherlands

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 Degrugillier

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

Chairman: Dr Virve Koljonen : Finland
Dr Ruth Schaefer : Germany

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 Aydınlı

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

Federico Facchin

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

19.00-19.15 EURAPS Research Council Business meeting

20.30 Dinner
Thursday 17 May 2018

8.30-10.30  Session V: **Outcome/Clinical & Aesthetics**

Chairman: Dr Norbert Pallua — Germany
Dr Cristina Gómez-Martínez de Lecea: Spain

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 García Nuñez_

9.00  Carotid artery resection and grafting in head and neck oncology. A report of 4 cases. 
_Spyridon Stavrianos_

9.10  The use of porcine dermis, polynuclotides-added hyaluronic acid and polyurethane foam in chronic ulcers: a comparative randomized trial. 
_Francesco Segreto_

_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

Chairman: Dr Maria Rydevik Mani : Sweden
Dr Francesco Segreto : Italy

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

11.00  Tips and tricks to minimise or treat the muscoloskeletal 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.  
Dr Radu Olariu

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

13.15- 14.00 Lunch

14.00 Start EURAPS Meeting