**Scientific Program**
EPRSC 27th-28th August 2021, Turku, Finland

**Friday 27th August**

7.30-8.10: Registration

8.10-8.20: **Welcome - Salvatore Giordano - Christine Radtke**

8.20-8.40: **Keynote Lecture 1 – Patrik Lassus** - Helsinki Approach to Face Transplantation

**Session I: Chairs Chairs Patrik Lassus & Zdenek Dvorak**

8.40-8.50: Emma-Lotta Kiukas - The need for revision surgery during the first post face transplantation year

8.50-9.00: Paul Supper* - Structural and functional assessment of muscle regeneration utilizing multimodal imaging and deep learning volumetry following peripheral nerve injury in rats.

9.00-9.10: Toni Seppälä - Pretibial injuries are unrecognized and under treated

9.10-9.20: Emma Rousi - Cutaneous Melanoma in Children, Adolescents and Young Adults

9.20-9.30: Amelie Klein - Posterior auricular perichondrial cutaneous graft for stable reconstruction of nasal defects: long-term outcomes

9.30-9.40: Anna-Stiina Meriläinen - Eccrine porocarcinoma: Experience of sentinel lymph node biopsy in case series of 14 patients in Finland

9.40-10.00: **Keynote Lecture 2 – Zdenek Dvorak** - Algorithm of the Complex Nasal Reconstruction

10.00-10.30: Coffee Break / Exhibition

**Session II: Chairs Ilkka Kaartinen & Martin Knoz**

10.30-10.40: Stefanie Heltmann-Meyer - Gelatin methacryloyl is a slow degrading material allowing vascularization and long-term use in vivo

10.40-10.50: Lorenz Semmler - Silk fibroin-based conduits filled with native spider silk fibers successfully promoted nerve regeneration in a 10 mm sciatic nerve defect in rats

10.50-11.00: Tamara Weiss* - Schwann cells regulate neuronal differentiation by epidermal growth factor-like protein 8
11.00-11.10: Martin Hladík - Amniotic membrane: a potent biological dressing in wound management.

11.10-11.20: Martin Knoz - Collagen/Chitosan dermal substitute enriched by hyperstable FGF2, 4 years of development

11.20-11.30: Julie Triolo* - Pelvic reconstruction after large sacral chordoma resection using acellular dermal matrix and double pedicled Gracilis muscle flap combined with gluteal fasciocutaneous rotation flap


11.50-12.10: **Keynote Lecture 4: Daniel Kalbermatten** - Nerve Gap Reconstruction

12.10-13.00: Lunch Break / Exhibition

**Session III**: Chairs Christine Radtke & Esko Veräjänkorva

13.00-13.10: Flavia Millesi - Elucidating the reasons behind hydrogel induced cell elongation and directed migration in Schwann cells

13.10-13.20: Aida Naghilou* - Elucidating the reasons behind the success of spider silk in nerve regeneration

13.20-13.30: Anton Borger* - Plasma derived Extracellular vesicles as a treatment option in nerve regeneration - an in-vitro study

13.30-13.40: Simeon C. Daeschler* - Sustained Topical Release of Tacrolimus Promotes Corneal Reinnervation in Rats

13.40-13.50: Meiwand Bedar* - In Vitro Comparison of Dynamic Seeding versus Microinjection of Mesenchymal Stem Cells for Acellular Nerve Allograft

13.50-14.00: Meiwand Bedar* - Immune Response and Revascularization of Acellular Nerve Allografts Following Mesenchymal Stem Cell Seeding and Surgical Angiogenesis

14.00-14.20: **Keynote Lecture 5: Joon Pio Hong** - Reconstruction for Diabetic Foot - from Flaps to Bionics

**Session IV**: Chairs Justine Lee & Carlo Oranges

14.30-14.40: Martino Guiotto* - Human-Platelet Lysate Serum as a potential clinical-translatable supplement to support human adipose-derived stem cells neurotrophic properties

14.40-14.50: Yiping Wang* - Cytotoxic Effects of Local Antibiotics on Adipose Tissue in Fat Grafting – an in-vitro Study

14.50-15.00: Qi Zhou* - β-Catenin Limits Osteogenesis on Regenerative Materials in a Stiffness-Dependent Manner
15.00-15.10: Tiam Saffari* - Combined local delivery of tacrolimus and stem cells in fibrin gel is a viable potential treatment for enhancing peripheral nerve regeneration

15.10-15.20: Sara Saffari* - Mesenchymal stem cells and local tacrolimus delivery synergistically enhance neurite extension

15.20-15.40: **Keynote Lecture 6: Gregory Evans** - Updates in Fat and Stem Cell Innovations

15.40-16.10: Break / Exhibition

16.10-16.30: **Keynote Lecture 7: Andres Rodriguez Lorenzo** - New Classification of Facial Nerve Injuries in Relation to the Method of Nerve Reconstruction

16.30-16.50: **Keynote Lecture 8: Mark Schaverien** - Surgical Treatment of Lymphedema

17.00-18.00: Business Meeting

18.00-23.00: Social Evening - Congress Dinner at "Suomen Joutsen” Museum Ship

*Online presentation
Saturday 27th August

7.45-8.20: Registration

8.20-8.40: **Keynote Lecture 9: Susanna Kauhanen** - Fat Grafting and SVF - Thinking Outside the Box

**Session V**: Chairs Ion Zegrea & Susanna Kauhanen

8.40-8.50: Breta Lipovy - Current efficacy of lysostaphin against Staphylococcus aureus strains relevant for burned patients

8.50-9.00: Juan Viscardi* - Breast Reduction: A ten-year retrospective review of the omega resection technique

9.00-9.10: Nora Holopainen - Return to work after breast reduction

9.10-9.20: Jarna Heikkinen - Breast Reconstruction with a DIEP Flap in Elderly (>60 years) Patients


10.00-10.30: Coffee Break / Microsurgery Corner / Exhibition

**Session VI**: Chairs Melissa Poh & Tarja Niemi

10.30-10.50: **Keynote lecture 11: Pietro di Summa** - Reconstructive Microsurgery - Planning and Creativity

10.50-11.00: Daniel Murariu* - The Pedicled Latissimus Dorsi Flap - A Case Series on the “Forgotten Flap” for Head and Neck Reconstruction

11.00-11.10: Daniel Murariu* - First Reported Cases of Robotic Assisted Harvest of Vertical Rectus Abdominis Myocutaneous (VRAM) Flap for Pelvic Wound Coverage

11.10-11.20: Eseme Ebai Ashu* - The combination of Rintala flap and PCCG in nasal reconstruction: a case study

11.20-11.30: Wladyslaw Gawel* - Lipografting for face asymmetry pearls and pitfalls
11.40-11.50: Matteo Scampa* - Merkel Cell Carcinoma of the lower limb and Hip: A population-based analysis of epidemiology and survival outcomes with focus on surgery and radiotherapy.

11.50-12.00: Eeva Rannikko - Short Duration of Lymphedema Correlates with a Favorable Cytokine Response After Lymph Node Transfer Surgery

11.30-11.50 **Keynote lecture 12: Pauliina Hartiala** - Lymfactin Phase I and II studies - Combined Adenoviral VEGF-C and Lymph Node Transfer Treatment for Breast Cancer Associated Lymphedema

11.50-12.10 **Keynote Lecture 14: Justine Lee** - Outcomes in Facial Gender Affirmation Surgery

12.10-12.30 Discussion

12.30-13.30: Lunch Break / Exhibition


**Session VII:** Chairs Paul Cederna & Pauliina Hartiala

13.50-14:10: **Keynote Lecture 15: Paul Cederna** - Optimizing Outcomes from Migraine Headache Surgery

14.10-14.20: Camille de Schoulepnikoff* - Sexual well-being in transgender patients: could gender confirming-chest surgery be enough?

14.20-14.30: Vladimir Mégevand* - Muscle vs fasciocutaneous microvascular free flaps for lower limb reconstruction: a meta-analysis of comparative studies


14.40-14.50: Rami P. Dibbs* - Sternal Defect Reconstruction Using a Double-Barrel Vascularized Free Fibula Flap

14.50-15.00: Justine Hayau* - Rates of Insurance Denial for Breast Surgery: A Systematic Review of the Literature

15.00-15.10: Toni Mihailidis* - A Closed-Loop Audit on The Management of Adult Facial Lacerations in A Busy Tertiary Centre Accidents and Emergency Department

15.20-15.30: Rami P. Dibbs* - Use of Single Chimeric Free Flap or a Double Free Flap for Complex Head and Neck Reconstruction

15.30-16.00: Break / Exhibition

16.00-16.20 **Keynote Lecture 16: Edward Chang*** - Innovative Strategies to Optimize Outcomes in Head and Neck Reconstruction

16.20-16.40: **Keynote Lecture 17: Rene’ Largo*** – Anatomic Characteristics and Versatility of the PAP Flap

17.00-23.00: (bus from venue) Sauna Evening with Dinner at “Herrankukkaro” Sauna

*Online presentation