EURAPS RESEARCH COUNCIL MAY 22-23. 2019
FINLANDIA HALL HELSINKI FINLAND

WEDNESDAY 22.5.2019

8:00 GATHERING IN THE FINLANDIA HALL, VERANDA
8:15 WELCOME - LOCAL HOSTS, EURAPS PRESIDENT, SECRETARY GENERAL

1. All About Fat

Chairs:

8:30 THE “STEM GRAFT”: A SIMPLE TECHNIQUE TO ACHIEVE AN ADIPOSE DERIVED STEM CELLS-RICH MATRIX WITH MINIMAL MANIPULATION
SEGRETO FRANCESCO

8:44 AGED AND DIABETIC ADIPOSE DERIVED STROMAL CELLS SUFFER FROM A DISRUPTION OF CELLULAR ECOLOGY ON A SINGLE CELL LEVEL
DUSCHER DOMINIK

8:58 THE POTENTIAL OF ADIPOSE-DERIVED STEM CELLS FROM DIABETIC AND NON-DIABETIC DONORS TO ENHANCE WOUND HEALING
CHENG NAICHEN

9:12 PERIVASCULAR ADIPOSE TISSUE CONTROLS VASODILATATION AND TISSUE PERFUSION IN VIVO THROUGH ADIPOMUSCULAR MICROVASCULAR ANASTOMOSES
TURAIHI ALEX

9:26 FROM BEDSIDE TO BENCH: THE EFFECT OF MUSCULAR DENERVATION ON FAT GRAFTING TO THE BREAST BY COMPARING TAKE RATE, QUALITY, AND LONGEVITY
KAPPOS ELISABETH

9:40 ANALYZING TROPISM BETWEEN ADIPOSE DERIVED STEM CELLS AND BREAST CANCER CELLS OF DIFFERENT MALIGNANCIES
SAUTER MATTHIAS

9:54 IMPROVED PATIENT-REPORTED OUTCOMES AFTER AUTOLOGOUS FAT TRANSPLANTATION AND CORRECTIVE SURGERY AFTER BREAST SURGERY
LINDEGREN ANNA

10.08-10.40 SHORT COFFEE BREAK

2. Above the Neck

Chairs:

10:40 ABNORMAL SEPS IN THE AFFECTED HEMISPHERE IN PATIENTS WITH POSTERIOR PLAGIOCEPHALY
HARMA MAIJU

10:52 COMPACTION FORCE APPLIANCE ON ALVEOLAR CLEFT BONE GRAFT
DISSAUX CAROLINE

11:04 THE PROPOSAL OF A SCORRING SYSTEM FOR EVALUATING PERIFISTULAR LOCAL TISSUE CONDITION IN TREATMENT OF RECALCITRAN PALATAL FISTULAS
GURAY EVIN SEYDA

11:16 INVESTIGATION OF DISCRIMINANT SENSORY LOSS IN PATIENTS WITH ANDROGENIC ALOPECIA
SEREL SAVAS

11:28 CORRECTING CONCAVITY OF RABBIT AURICULAR CARTILAGE: COMPARISON OF SINGLE SCORING INCISIONS WITH BUTHYL CYANOACRYLATE AIDED TECHNIQUES
YONTAR YALCIN

11:40 RESIDUAL MUSCULAR ACTIVITY OF THE ORBICULARIS OCULI MUSCLE AFTER LOWER TRANSCUTANEOUS BLEPHAROPLASTY WITH REIDY-ADAMSON FLAP: STATISTICAL ANALYSIS OF THE RESULT
ALESSANDRO INNOCENTI

3. Under Your Skin

CHAIRS:

11:52 AUTOLOGOUS PLATELET-RICH PLASMA BOOSTS SAFELY AND EFFICIENTLY HUMAN FIBROBLAST EXPANSION IN VITRO
MODARRESSI ALI

12:04 VITAMIN D MAY ENHANCE WOUND HEALING WITH LESS SCARRING
TAY JING QIN

12:16 WOUND FLUID UNDER OCCLUSIVE DRESSINGS OF SPLIT SKIN DONOR SITES FROM DIABETIC PATIENTS SHOW AN INCREASED ANGIGENETIC RESPONSE AND FIBROBLAST ACTIVATION
NICLAS BROER

12:28 QUANTITATION OF VASCULARIZATION EFFECT ON TUMOR GROWTH IN A MURINE SCC MODEL
YAACOBI (SHILO) DAFNA

12.40 – 13.50 Lunch
4. Technology

Chair:

13:50 THE IMPACT OF BREAST IMPLANT TEXTURIZATION ON BIOFILM DEVELOPMENT: AN EXPERIMENTAL STUDY
BULLA ANTONIO

14:02 DIFFERENTIAL ION MOBILITY SPECTROMETRY IMAGING FOR PATHOLOGICAL APPLICATIONS
TUOMINEN JALMARI

14:14 ACCURACY OF THREE SOFTWARE APPLICATIONS FOR BREAST VOLUME CALCULATIONS FROM 3D SURFACE IMAGES
WESSELIUS TYCHO

14:26 THREE-DIMENSIONAL ASSESSMENT OF THE BREAST: VALIDATION OF A NOVEL, SIMPLE AND INEXPENSIVE SCANNING PROCESS
ORANGES CARLO M:

14:38 VIRTUAL 3D PLANNING AND PREDICTION ACCURACY IN BIMAXILLARY FACIAL ALLOTRANSPLANTATION PATIENTS IN HELSINKI
MANNINEN ATTE

14:50 THE ‘MICROSURGERY ARENA’ - A NEW DEVICE TO DEVELOP MICROSURGICAL SKILLS
COSTA FRANCESCO

5. Flow- or No Flow

Chairs:

15:02 ROLE OF LEUPEPTIN IN PREVENTING HIND LIMB ISCHEMIC TISSUE INJURY DURING RECONSTRUCTIVE SURGERIES
SINGH GURTEJ

15:14 SALVAGING THE ZONE OF STASIS IN BURNS WITH MONTELUKAST AND HYPERBARIC OXYGEN THERAPY: A COMPARATIVE EXPERIMENTAL STUDY IN RATS
KALAFATLAR KUBRA ECE

15:26 THE EFFECTS OF REMOTE ISCHEMIC PRECONDITIONING AND ADENOSINE WITH REMOTE ISCHEMIC PRECONDITIONING IN RAT FLAP ISCHEMIA REPERFUSION INJURY MODEL
SAVAS SEREL

15:38 QUANTIFICATION OF CHANGES IN DERMAL BLOOD FLOW AFTER TOPICAL ADMINISTRATION OF CAPSAICIN ON THE SKIN
SCHAEFER RUTH

15.50 – 16.15 Short break with refreshing beverages
6. ERC Talk

16.20 - 17.30  Four minutes each

THE CIRCUMFLEX SCAPULAR ARTERY PERFORATOR (CSAP) FLAP – CLINICAL UTILITY AND TECHNICAL REFINEMENT
SLATER KAREN

TOPICAL MOISTENING OF THE WOUND SURFACE WITH TRANEXAMIC ACID 25 MG/ML REDUCES BLEEDING EQUAL TO INTRAVENOUS ADMINISTRATION AND MAY REDUCE NEED FOR RE-OPERATION OF POSTOPERATIVE HAEMORRHAGE
AUSEN KJERSTI

HEALTH-RELATED QUALITY OF LIFE IN PATIENTS HAVING UNDERGONE ABDOMINOPLASTY; HOMSY PAULIINA
A NOVEL PLATINUM-BASED COMPOUND FOR THE TREATMENT OF NON-MELANOMA SKIN CANCER (NMSC)—PRELIMINARY RESULTS
SHACHAR YAIR

LOSS OF SHOULDERS STRENGTH FOLLOWING BREAST RECONSTRUCTION WITH THE LATISSIMUS DORSI FLAP DOES NOT RESTRICT ACTIVITIES OF DAILY LIVING - A PROSPECTIVE STUDY
HÖJVIG JENS HIERMIND

A PRACTICAL NON-CONTACT MODEL TO CREATE STANDARDIZED EXPERIMENTAL BURN WOUNDS OF ANY THICKNESS: BLUE BEAM LASER POINTER FOR BURN INDUCTION
DEMiroZ AnIL

HEALTH-RELATED QUALITY OF LIFE AFTER TREATMENT OF UPPER-EXTREMITY SOFT TISSUE SARCOMA
KJÄLDMAN MAGNUS

USE OF DCELL HUMAN DERMIS IN PRIMARY AND SALVAGE HYPOSPADIAS REPAIR INSTEAD OF AN INTERPOSITION DARTOS FASCIAL FLAP
JOI NIKiTA

A COMPARISON OF THE EFFECTS OF NEGATIVE PRESSURE WOUND THERAPY (NPWT) AND STANDARD SURGICAL DRESSINGS (SSD) ON OUTCOMES IN WOUNDS AFTER RESECTION OF A MALIGNANCY: A SYSTEMATIC REVIEW
SINGH GURTEJ

THE EAGER EARLY YEARS OF MICROVASCULAR SURGERY FROM 1979 TO 1987
SALOVAARA LAURA

THE ROLE OF SUBFASCIAL DISSECTION IN THE PREVENTION OF TEMPORAL HOLLOWING AS A COMPLICATION CAUSED BY CORONAL INCISION
GURAY EVIN SEYDA

COMPARISON OF PATIENT-RELATED OUTCOME: CIRCUMFERENTIAL LOWER BODY LIFT VS. LOWER BACK LIFT WITH AUTOLOGOUS GLUTEAL AUGMENTATION AFTER MASSIVE WEIGHT LOSS (MOUSTACHE FLAP TECHNIQUE)
HODY SOFIE
FOREIGN VISITING SURGEONS IN HUS HELSINKI UNIVERSITY HOSPITAL DEPARTMENT OF PLASTIC SURGERY 2014-2018
BARNER-RASMUSSEN IAN

PLICATION SUPPORTED BY MESH (PSUM) -TECHNIQUE FOR SYMPTOMATIC ABDOMINAL RECTAL MUSCLE DIASTASIS REPAIR WITH OR WITHOUT CONCOMITANT MIDLINE HERNIA
TUOMINEN REETTA

COLOUR DOPPLER ULTRASOUND AND COMPUTED TOMOGRAPHIC ANGIOGRAPHY FOR PERFORATOR MAPPING IN DIEP FLAP BREAST RECONSTRUCTION REVISITED
KAPPOS ELISABETH

ASSESSING BREAST ANIMATION DEFORMITY FOLLOWING DIRECT TO IMPLANT BREAST RECONSTRUCTION
DYRBERG DIANA LYDIA

15 YEARS OF ADIPOSE DERIVED STEM CELLS IN PLASTIC SURGERY: PAST, PRESENT, AND FUTURE
GIATSIDIS GIORGIO

SENSATE FREE ALT FLAP FOR FOOT RECONSTRUCTION IN PEDIATRIC POPULATION
EL FAHAR MOHAMMED

PATIENT HEIGHT, WEIGHT, BMI AND AGE AS PREDICTORS OF GRACILIS MUSCLE FREE-FLAP MASS IN LOWER EXTREMITY RECONSTRUCTION
ORANGES CARLO M.

19.00 CASUAL DINNER HELSINKI MUSIC CENTRE’S RESTAURANT CLUB.

THURSDAY 23.5.2019

7. Nerve Wracking

Chairs:

8:30 DORSAL ROOT GANGLION CULTURE FOR NOCICEPTIVE AND PERIPHERAL NERVE INJURY MODELING: IMPROVING SENSORY NEURON ACCESS AND AVAILABILITY
REEKIE THOMAS

8:44 EVALUATION OF A GUIDED NERVE REPAIR USING MULTI-LUMEN ALIGNED NANOFIBRILLAR SCAFFOLD IN A RAT MODEL
DIONYSIOU DIMITRIOS

8:58 DISTINCT EFFECT OF NEUROTROPHIC FACTORS ON NEURONAL PROTECTION AND AXONAL OUTGROWTH
PRAUTSCH KATHARINA MINH ANH

BIJKERK ENNIE
9:26 VALIDATION OF NF1 AS A DISEASE EXCLUSIVE TO SENSORY NERVES
MCKINNON MCKAY

9:40 DANGER ZONES FOR NERVE INJURIES IN PERCUTANEOUS NEEDLE FASCIO TOMETRY FOR TREATMENT OF DUFUYTREN’S CORDS
WILLIAMSON ADAM

9:54 PERFORATOR TO PERFORATOR VASCULARIZED SURAL NERVE FLAP USING SUPERMICROSURGERY IN EXTREMITY RECONSTRUCTION
EL FAHAR MOHAMMED

10:06 EFFECTS OF VARIOUS SELECTIVE NERVE TRANSFERS ON THE ADULT AND NEONATAL MOTOR UNIT
SPORER MATTHIAS

10:18 FASCICULAR SHIFTING IN THE RECONSTRUCTION OF GLOBAL OBSTETRIC BRACHIAL PLEXOPATHIES – FROM BENCH TO BEDSIDE
SPORER MATTHIAS

10.30 – 10.50 Short coffee break

8. Under Construction

Chairs:

10:50 AN ALLOGENIC 3D SCAFFOLD-FREE TISSUE ENGINEERED PRODUCT FOR DEEP THICKNESS SKIN REGENERATION: IN VITRO DEVELOPMENT TO IN VIVO PROOF OF CONCEPT
DUFRANE DENIS

11:02 ENDOTHELIAL CELL REPLACEMENT - A NOVEL PLATFORM FOR BIOENGINEERING OF PERSONALIZED VASCULAR COMPOSITE ALLOGRAFTS
HAR-SHAI LIOR

11:14 ANORECTAL TRANSPLANTATION: THE FIRST LONG-TERM SUCCESSFUL REPORT IN A PRECLINICAL CANINE MODEL
ARAKI JUN

11:26 SINGLE-CELL TRANSCRIPTOMICS REVEALS A PATHOGENIC PROFIBROTIC MESENCHYMAL SUBPOPULATION DRIVING DUFUYTREN’S DISEASE
WEST CHRISTOPHER

11:38 HIGH-THROUGHPUT FABRICATION OF SPHEROIDS FOR 3D BIOPRINTING VASCULARIZED ADIPOSE TISSUE
BENMERIDJA LARA

11.50 ADJOURNMENT OF THE MEETING AND SEE YOU NEXT YEAR IN ERC GREECE

12-13 ERC COUNCIL MEETING