



14th EURAPS Research Council Meeting

27-28 May 2026
Vienna, Austria

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WEDNESDAY 27 MAY

08:00
REGISTRATION

8:45 - 10:09
SESSION 1
BEYOND THE BRA:
SCIENCE, SHAPE & SURGERY

10:09 - 10:40
COFFEE BREAK

10.40 - 11.10
KEYNOTE LECTURE
K. BONG-SUNG, SWITZERLAND

11:10 - 12:34
SESSION 2
RECONSTRUCTION
UNDER PRESSURE

12:34 - 13:30
LUNCH

13:30 - 14:00
KEYNOTE LECTURE
A. REID, UK

14:00 - 15:24
SESSION 3
THE (ALMOST) INVISIBLE
NETWORK: NERVES & LYMPH

15.24 - 16.00
COFFEE BREAK

16:00 - 17:24
SESSION 4
SURGEONS VS. ALGORITHMS
(SPOILER: WE'RE STILL HERE)

17:24
ERC COUNCIL MEETING

20.00
ERC DINNER

AT A GLANCE

THURSDAY 28 MAY

9:00 - 10:48
SESSION 5
CELLS, SIGNALS & SECOND CHANCES

10:48 - 11:20
COFFEE BREAK

11:20 - 12:26
SESSION 6
1 IDEA, 2 MINUTES, 3 SLIDES -
SHOW US YOUR DATA

12:26
ADJOURNMENT

12:30 - 13:00
**EURAPS JUNIOR WORKING
GROUP & YPSS
REPORT SESSION -**
FROM SCHOLARSHIP TO SCALPEL:
CAREER PATHS IN PLASTIC SURGERY

8:00 REGISTRATION

8:30 WELCOME ADDRESS - **S. HACKER, AUSTRIA** - ERC LOCAL HOST
O. ASZMANN, AUSTRIA - EURAPS LOCAL HOST
J. J. VRANCKX, BELGIUM - EURAPS SECRETARY GENERAL

8:45 - 10:09 SESSION 1 - BEYOND THE BRA: SCIENCE, SHAPE & SURGERY
MODERATORS: **P. ENGELS, SWITZERLAND** - **D. UNUKOVICH, SWEDEN**

8:45 MISALIGNMENT BETWEEN OPERATIVE EFFORT AND COMPENSATION IN OBESE PATIENTS UNDERGOING FREE-FLAP BREAST RECONSTRUCTION - **P. SHAH, USA**

8:57 GLOBAL THORACIC TREATMENT IN TEENAGERS WITH POLAND SYNDROME
M. V. ROMANINI, ITALY

9:09 WHOLE BREAST SUBUNIT ALLOTRANSPLANTATION MODEL: A SURGICAL ANATOMY AND IMAGING STUDY IN HUMAN CADAVERS - **C. NIZET, BELGIUM**

9:21 BREAST IMPLANT ASSOCIATED B-CELL LYMPHOMAS: FIRST SYSTEMATIC REVIEW OF THE LITERATURE - **E. MOERIS, BELGIUM**

9:33 IMPLANT POCKET PLANE SELECTION IN PRIMARY BREAST AUGMENTATION: A META- ANALYSIS AND SYSTEMATIC REVIEW OF COMPLICATION PROFILES
W. A. JAMEL, IRAQ

9:45 OPERATIVE TIME AND RVU EFFICIENCY OF NIPPLE-AREOLA COMPLEX NEUROTIZATION IN BREAST RECONSTRUCTION: A NATIONAL NSQIP STUDY
N. SRIRAMANENI, USA

9:57 EX VIVO CHARACTERIZATION OF BREAST SKIN MECHANICS TO INFORM THE DESIGN OF NEXT-GENERATION BREAST EXPANDERS - **N. RITTER, BELGIUM**

10:09 - 10:40 COFFEE BREAK

10:40 - 11:10 KEYNOTE LECTURE - MANAGING CATASTROPHIC EVENTS AT A BURN SURGERY UNIT - **K. BONG-SUNG, SWITZERLAND**

11:10 - 12:34 SESSION 2 - RECONSTRUCTION UNDER PRESSURE
MODERATORS: **O. ASZMANN, AUSTRIA - F. TOIA, ITALY**

11:10 SUBCUTANEOUS ISCHEMIC BIOMARKERS CLOSELY CORRELATE WITH INTRAMUSCULAR BIOMARKERS AND CAN BE USED TO DETECT ACUTE COMPARTMENT SYNDROME IN A SWINE MODEL - **B. CHAUDHRY, USA**

11:22 CONTROLLED COOLING AFTER VOLUMETRIC MUSCLE LOSS INJURY IMPROVES FUNCTIONAL AND HISTOLOGICAL RECOVERY IN SWINE - **F. BATIZ FABELA, USA**

11:34 PHOTOCHEMICAL TISSUE PASSIVATION ENHANCES BIOMECHANICAL STABILITY OF PORCINE FLEXOR TENDON REPAIR - **B. SAKAR, USA**

11:46 POST-INJURY CONTROLLED COOLING IMPROVES FUNCTIONAL RECOVERY AND MODIFIES RNA EXPRESSION IN A RODENT MODEL OF VOLUMETRIC MUSCLE LOSS INJURY - **F. BATIZ FABELA, USA**

11:58 SUPERCHARGED END-TO-SIDE NERVE TRANSFER: WHICH WAY TO GO? **L. HARNONCOURT, AUSTRIA**

12:10 FROM ACUTE TRAUMA TO CHRONIC DISEASE: TRANSLATIONAL EXPERIMENTAL EVIDENCE FOR LONG-TERM CARDIAC DYSFUNCTION AND REMODELING AFTER SEVERE BURNS - **G. HUNDESHAGEN, GERMANY**

12:22 FREE FLAP SALVAGE USING EXTRACORPOREAL TISSUE PLASMINOGEN ACTIVATOR ADMINISTRATION: A COMPARATIVE STUDY - **A. JOHANSEN, SWEDEN**

12:34 - 13:30 LUNCH

13:30 - 14:00 KEYNOTE LECTURE - HOW DOES JPRAS WORK? - **A. REID, UK**

14:00 - 15:24 SESSION 3 - THE (ALMOST) INVISIBLE NETWORK: NERVES & LYMPH
MODERATORS: **E. PLACHETA-GYÖRI, AUSTRIA - R. SCHAEFER, GERMANY**

14:00 MECHANICAL STRESS-INDUCED IL-33/ST2 SIGNALING: A PROGNOSTIC BIOMARKER FOR LYMPHEDEMA PROGRESSION - **N. REDDY, USA**

14:12 DISTINCT CELLULAR RESPONSES TO 9-CIS RETINOIC ACID HIGHLIGHT LYMPHATIC ENDOTHELIAL CELL-SPECIFIC ACTIVATION OF THE IGFBP5/IGF2 PATHWAY **N. SRIRAMANENI, USA**

14:24 THE EFFICACY OF CALCIUM DOBESILATE ALONE OR WITH VASCULARIZED LYMPH NODE TRANSFER IN LYMPHEDEMA TREATMENT: A PRELIMINARY STUDY **A. ÖNCÜ, TURKEY**

14:36 PRP AND OMENTUM ENHANCE FUNCTIONAL RECOVERY AND VEGFA/FGF1/NGF EXPRESSION FOLLOWING SCIATIC NERVE REPAIR IN A RAT MODEL
S. PEJKOVA, NORTH MACEDONIA

14:48 ASSESSING THE CLINICAL AND BIOLOGICAL EFFICACY OF REGENERATIVE PERIPHERAL NERVE INTERFACES FOR PAIN IN AMPUTEES: A SYSTEMATIC REVIEW AND META ANALYSIS - **N. SRIRAMENI, USA**

15:00 THE NUMERIFACE SUITE - A VALIDATED METHOD TO QUANTIFY FACIAL MOVEMENT IN PATIENTS WITH FACIAL PARALYSIS - **K. RASHIDI, USA**

15:12 A NOVEL BIOACTIVE CONDUIT COMPLEX: AXONAL REGENERATION WITH A 3D BIODEGRADABLE CHITOSAN-PCL SCAFFOLD ENRICHED WITH BDNF-SECRETOME RELEASE - **S. DEMIRTAS, TURKEY**

15:24 - 16:00 COFFEE BREAK

16:00 - 17:24 **SESSION 4 - SURGEONS VS. ALGORITHMS (SPOILER: WE'RE STILL HERE)**
MODERATORS: **M. BARONE, ITALY - M. SOROTOS, ITALY**

16:00 ASSESSING PATIENT SATISFACTION WITH CHATBOT-DELIVERED INFORMATION ON BREAST RECONSTRUCTION - **A. BOUTEILLE, BELGIUM**

16:12 FEASIBILITY OF AN ARTIFICIAL INTELLIGENCE-DRIVEN CLASSIFICATION OF TUBEROUS BREAST DEFORMITY: A SIAMESE NETWORK APPROACH WITH A CONTINUOUS TUBEROSITY SCORE - **M.F. CAVALLERO, ITALY**

16:24 AI AS AN ADJUNCT TO PEER REVIEW IN PLASTIC SURGERY RESEARCH: A QUALITY EVALUATION - **R. GOYAL, USA**

16:36 SMART SIZING: AI MODELING FOR PREOPERATIVE IMPLANT PREDICTION IN BREAST RECONSTRUCTION - **A. TALWAR, USA**

16:48 LYMPHATIC REGENERATION AND SUPERMICROSURGICAL TRAINING IN A NOVEL RABBIT MODEL: POPLITEAL NODE EXCISION, COLLAGEN SCAFFOLDS, AND LYMPHATICOVENOUS ANASTOMOSIS - **J. L. CAMPOS SÁNCHEZ, SPAIN**

17:00 ROBOTIC ASSISTED SURGERY IN RECONSTRUCTIVE PROCEDURES AND IMPLEMENTATION IN A MICROSURGICAL WARD - **K. DASTAGIR, GERMANY**

17:12 A NOVEL SURGICAL APPROACH IN LOWER LIP REANIMATION: MYLOHYOIDEUS MUSCLE TRANSPOSITION AND ITS ANATOMICAL-MICROSCOPIC EVALUATION
G. CAVUSOGLU, TURKEY

17:24 ERC COUNCIL MEETING

20.00 ERC DINNER - S'PFIFF RATHSTRASSE 4, 1190 VIENNA

9:00 - 10:48 SESSION 5 - CELLS, SIGNALS & SECOND CHANCES

MODERATORS: **P. DI SUMMA, SWITZERLAND - V. VORSTANDLECHNER, AUSTRIA**

9:00 PLA-PEG SCAFFOLDS CELLULARIZED WITH HUMAN CHONDROCYTES FOR A PERSONALIZED AURICULAR RECONSTRUCTION - **I. ARROYO, SPAIN**

9:12 COMPARATIVE STUDY OF THE EFFECTS OF SUBCUTANEOUSLY ADMINISTERED UMBILICAL CORD-DERIVED MESENCHYMAL STEM CELLS AND EXOSOMES DERIVATIVES ON WOUND HEALING IN A CHEMICAL BURN MODEL OF ALKALINE-INDUCED SKIN BURNS
H. H. BEKIR, TURKEY

9:24 THE COMPLEX COMPOSITION OF STROMAL VASCULAR FRACTION - DOES THE DONOR MAKE A DIFFERENCE? - **T. DEUTINGER, AUSTRIA**

9:36 NOVEL THIOL-NORBORNENE GELATIN-ELASTIN BIOINK WITH POROGEN-ENHANCED POROSITY FOR MICROVASCULAR SELF-ORGANIZATION IN BIOPRINTED ADIPOSE TISSUE
F. VANLAUWE, BELGIUM

9:48 MODELLING INTERCELLULAR COMMUNICATION DRIVING MATRIX FORMATION IN HEALTHY AND FIBROTIC SKIN CONDITIONS - **M. SALEK, AUSTRIA**

10:00 THE UROKINASE INHIBITOR BC-11 ATTENUATES SKIN FIBROSIS VIA MACROPHAGE-FIBROBLAST CROSSTALK MODULATION - **L. AUER, AUSTRIA**

10:12 SEEDING OF DERMAL SUBSTITUTES WITH HIGH-GLUCOSE-PRETREATED NANOFAT ACCELERATES IN VIVO VASCULARIZATION AND TISSUE INTEGRATION
V. PRUZZO, GERMANY

10:24 GUIDING ANGIOGENESIS THROUGH PATTERNING OF GELATIN METHACRYLATE SCAFFOLDS - **L. Y. YONG, UK**

10:36 IRON-BASED METAL-ORGANIC FRAMEWORK MIL-100(FE) REGULATES KELOID SCARRING
A. C. PANAYI, GERMANY

10:48 - 11:20 COFFEE BREAK

11:20 - 12:26 SESSION 6 - 1 IDEA, 2 MINUTES, 3 SLIDES - SHOW US YOUR DATA
MODERATORS: **Å. EDSANDER-NORD, SWEDEN - G. GIATSIDIS, USA**
J. J. VRANCKX, BELGIUM

11:20 IMPACT OF METFORMIN AND GLP-1 AGONISTS ON LYMPHEDEMA AND POSTOPERATIVE OUTCOMES FOLLOWING ALND - **N. REDDY, USA**

11:22 ORTHOPLASTIC CARE OF OPEN FRACTURES IMPROVES PATIENT OUTCOMES AND IMPACTS CHOICE OF SURGICAL APPROACH: A SYSTEMATIC REVIEW AND METANALYSIS - **E. RIOS, USA**

11:24 THE MICROSURGICAL TRAINING LADDER: A STRUCTURED FRAMEWORK FOR PROGRESSIVE SKILL ACQUISITION IN RECONSTRUCTIVE SURGERY
S. TUSHEVA, NORTH MACEDONIA

11:26 DISCUSSION

11:31 SEMAGLUTIDE AND LIRAGLUTIDE IN SURGICAL CANDIDATES: IMPACT ON COAGULATION PATHWAYS AND IMPLICATIONS FOR AESTHETIC BODY CONTOURING
G. CASSOTTA, ITALY

11:33 DEPRIVATION STILL COSTS LIVES: SOCIOECONOMIC INEQUALITIES IN MELANOMA CARE AND OUTCOMES IN ENGLAND - **A. BOYLE, UK**

11:35 AI APPROACHES FOR DETECTING THE FAILING FREE FLAP - **F. SMITH, UK**

11:37 DISCUSSION

11:42 THE ANTITUMOR MECHANISM OF IMMUNO-FLAP TREATMENT IN A RAT MODEL OF HEAD AND NECK CANCER - **J. ARAKI, JAPAN**

11:44 HEAT PRECONDITIONING OF NANOFAT DOES NOT IMPROVE ITS VASCULARIZATION PROPERTIES - **F. BONOMI, GERMANY**

11:46 SUPPORTING FEMALE SURGEONS AT EVERY STAGE: CAREER BARRIERS, AWARDS, AND ACADEMIC ADVANCEMENT IN PLASTIC SURGERY - **M. VOYTIK, USA**

11:48 DISCUSSION

11:53 OBTAINING AUTOLOGOUS VASCULAR GRAFTS VIA CAPSULE FORMATION IN RATS
Ö. SARAÇ, TURKEY

11:55 NEUROREGENERATIVE EFFECT OF HYPOXIA PRECONDITIONED SERUM (HPS) AND PLATELET-RICH PLASMA (PRP) ON N2A CELLS - **J. JIANG, GERMANY**

11:57 BIOLOGICAL IMPACT OF EXTRUSION BIOPRINTING CHONDROCYTES FOR TISSUE ENGINEERING APPLICATIONS - **T. JOVIC, UK**

11:59 DISCUSSION

12:04 FROM COMPLEXITY TO CLARITY: STRATEGIES FOR TRANSPARENT DOCTOR-PATIENT COMMUNICATION - **B. DI PACE, ITALY**

12:06 THREE-SEGMENT DERMOGLANDULAR INFERIOR PEDICLE FIXATION IN MASTOPEXY ("TREFOIL TECHNIQUE"): AN ORIGINAL AUTHOR'S METHOD - **M. BARSAKOV, RUSSIA**

12:08 PROMPT ENGINEERING FOR SURGEONS: HARNESSING GPT FOR SCALABLE RESEARCH - **M. HORNICK USA**

12:10 DISCUSSION

12:15 A NOVEL SURGICAL APPROACH IN ADVANCED BLEPHAROPTOSIS: CONTRALATERAL CORRUGATOR SUPERCILIUS MUSCLE TRANSPOSITION AND TOPOGRAPHIC- MICROSCOPIC ANALYSIS - **P. B. KIRYAMAN, TURKEY**

12:17 MECHANICAL STIMULATION ALTERS GENE EXPRESSION AFTER MUSCULAR INJURY IN RATS - **E. RIOS, USA**

12:19 FACIAL MUSCLE FIBER COMPOSITION: NOVEL MORPHOLOGICAL MUSCLE FIBER CARTOGRAPHY - **J. KLEPETKO, AUSTRIA**

12:21 DISCUSSION

12:26 ADJOURNMENT

12:30 - 13:00 EURAPS JUNIOR WORKING GROUP & YPSS REPORT SESSION
FROM SCHOLARSHIP TO SCALPEL: CAREER PATHS IN PLASTIC SURGERY
F. FACCHIN, ITALY - A. RESCH, AUSTRIA



NOTES

Save the Date!

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15TH ERC MEETING
37TH EURAPS ANNUAL MEETING

26 - 29 MAY 2027

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Italy

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MEETING VENUE

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