07:30-08:15 Registration at the Susesi Convention Center Entrance

08:15-08:30 Welcome Address
Selahattin ÖZMEN (Local Host EURAPS Research Council)  
Arndt SCHILLING (Secretary EURAPS Research Council)  
Manfred FREY (Secretary General EURAPS)

08:30-10:06 SCIENTIFIC SESSION, No: 1  
REGENERATIVE MEDICINE  
Session Chairpersons: Selahattin ÖZMEN, Eva PLACHETA

08:30-08:42 Adipose-Derived Mesenchymal Stem Cells Promote Breast Cancer Growth and Metastatic Spread  
Pranitha Kamat, Riccardo Schweizer, Philip Kaenel, Souzan Salemi, Maurizio Calcagni, Daniel Eberli  
Zürich, SWITZERLAND

08:42-08:54 The Effects of Adipose Derived Stem Cells (Adsc) on Perforator Flap Viability in a Rat Deep Inferior Epigastric Artery Perforator (DIEAP) Flap Model  
Eda Isil, Cigdem Unal, Mustafa Hasdemir, Erdal Karagoz, Bahar Muezzinoglu  
Istanbul, TURKEY

08:54-09:06 Notch Signaling in Ischemia Induced Angiogenesis  
Ozan Luay Abbas, Huseyin Borman, Yunus K. Terzi, A. Cagri Uysal  
Kirşehir, TURKEY

09:06-09:18 Improving Fat Graft Survival through Preconditioning of the Recipient Site with Microneedling  
Billur Sezgin, Selahattin Ozmen, Hakan Bulam, Suna Omeroglu, Seher Yuksel, Banu Cayci  
Ankara, TURKEY

09:18-09:30 Mesenchymal Stem Cells but Not Conditioned Medium Reduce Leukocyte-Endothelium Activation in Critical Ischemic Murine Skin  
Riccardo Schweizer, Dennis Schweizer, Shengye Zhang, Daniel Eberli, Dominique Erni, Pietro Giovanoli  
Zürich, SWITZERLAND

09:30-09:42 Adipose Tissue Engineering for Injectable Soft Tissue Augmentation: The Role of Hydrogel Matrices as Novel Scaffolds for Adipose Derived Perivascular Stem Cell Support  
Nikolaos Arkoulis, Christopher C. West, Rong Zhang, Bruno Peault, Mark Bradley, Kenneth J. Stewart  
Edinburgh, UNITED KINGDOM
Evaluation of the Effect of 17beta-Estradiol on Osteogenic Differentiation of Adipose Derived Mesenchymal Stem Cells Loaded in Chitosan-Hydroxyapatite Scaffolds for Reconstruction of Experimental Bone Defect Model
Mert Calis, Tugrul Tolga Demirtas, Atilla Pergin, Ilkan Tatar, Orkun Ersoy, Hakan Hamdi Celik, Nur Cakar, Menemse Gumusderelioglu, Figen Ozgur

Ankara, TURKEY

The Effect of Adipose Derived Stem Cells on Transverse Rectus Abdominis Myocutaneous Flap: Experimental Study
Murat Gorkem Ataman, Nilgun Markal Ertas, Erhan Coskun, Cagri A. Uysal, Huseyn Borman

Ankara, TURKEY

Coffee Break

Intraoperative Diagnosis of Sentinel Lymph Node Metastases in Breast Cancer Treatment with One-Step Nucleic Acid Amplification Assay (OSNA)
Pawel Szychta, Boguslaw Westfal, Rafal Maciejczyk, Beata Smolarz, Hanna Romanowicz, Tomasz Krawczyk, Marek Zadrozny

Lodz, POLAND

Intravenous Infusion in Free Flap Breast Reconstruction: Colloids Might Induce Major Complications
Bert Vanmierlo, Barbara Craggs, An Verdoort, Geert Peeters, Assaf Zeltzer, Moustapha Hamdi

Brussel, BELGIUM

Reducing Donor Site Morbidity in Extended Latissimus Dorsi Myocutaneous Flap Breast Reconstruction by Retaining the Thoracolumbar Fascia on the Donor Site Skin Flaps
Christoph E A Hartmann, Olivier Branford, Noemi Keleman, Rachel Holt, David Floyd

London, UNITED KINGDOM

Capsular Contracture After Radiotherapy: The Effect of Porcine Acellular Dermal Matrix
Marisa Lardi Alessia, Mark Ho-Asjoe, Jian Farhadi

London, UNITED KINGDOM

Physical Discomfort Due to Surplus Skin in Successful Post-Bariatric Surgery Patients: A Comparative Analysis
Salvatore Giordano, Mikael Victorzon, Ilkka Koskivuo, Erkki Suominen

Turku, FINLAND

A Quantitative Analysis of the Sensory and Motor Fibres of the Brachial Plexus in Man
Bernhard Gesslbauer, Marie Hahn, Roland Blumer, Oskar C. Aszmann

Vienna, AUSTRIA
11:52-12:04 **In Vivo and in Vitro Modulation of kgfr/fgfr2b and kgf/fgf7 Expression Induced by ±-Rays**
Rosaria Laporta, Benedetto Longo, Laura Leone, Federica d’Alessandro, Maria Rosaria Torrisi, Fabio Santanelli
Rome, ITALY

12:04-12:16 **The Significance of the αβ -T Lymphocyte in Acute Burn Injury**
Mayuran Satthhianathan, Kenneth Lee, Peter Maitz
Sydney, AUSTRALIA

12:16-13:30 Lunch

13:30-15:08 **SCIENTIFIC SESSION, No: 3 OTHER TOPICS IN BASIC RESEARCH**
Session Chairpersons: Arndt SCHILLING, Ibrahim VARGEL

13:30-13:42 **Comparison of Osteogenic Potentials of Platelet Rich Plasma Added Calvarial Bone Dust, Bone Fragments and Periosteum**
Mustafa Rasid Toksöz, Mehtap Karamese, Nebil Selimoglu, Hatice Toy, Zekeriya Tosun, Ibrahim Guler
Konya, TURKEY

13:42-13:54 **Erbb2-Receptor Inhibition with Herceptin (Trastuzumab) Deteriorates Nerve Regeneration After Peroneal Nerve Cut and Repair in the Rat Model**
Eva Placheta, Matthew Wood, Christine Lafontaine, Edward Liu, Cecilia Alvarez Veronesi, Tessa Gordon
Vienna, AUSTRIA

13:54-14:06 **Can Bone Dust be Estimated as a Bone Graft**
Mehtap Karamese, Mustafa Rasid Toksöz, Nebil Selimoglu, Hatice Toy, Zekeriya Tosun
Konya, TURKEY

14:06-14:18 **The Effect of Twisting on Multiple Based Perforator Flap Viability: An Experimental Study in Rats**
Musa Kemal Keles, Ahmet Demir, Ismail Kucuker, Omer Alici
Samsun, TURKEY

14:18-14:30 **The Effect of Stem Cells in Bridging Peripheral Nerve Defects: A Meta-Analysis**
Caroline A Hundepool, Tim H.J. Nijhuis, Behnam Mohseny, Ruud W. Selles, Steven E.R. Hovius
Rotterdam, THE NETHERLANDS

14:30-14:42 **Acceleration of Distraction Osteogenesis with Drug-Releasing Distractor**
Ersoy Konas, M. Emin Mavili, Devrim Demir, Filiz Öner, Petek Korkusuz, H. Ibrahim Canter
Ankara, TURKEY

14:42-14:56 **Alveolar Cleft Repair in Animal Models with “TGF-β3” ve “BMP-2” Releasing Scaffolds**
İbrahim Vargel, Tarik Cavusoglu, Aybuke Garipcan, İlyas İnci, Petek Korkusuz, Elif Bilgic, Erhan Piskin, Figen Özgür
Ankara, TURKEY
Peripheral Nerve Repair with Vein Conduit Filled with Autologous Fat: An Experimental Model in Rat
Edoardo Dalla Pozza, Caputo Glenda, Enrico Vigato, Maurizio Governa
Verona, ITALY

15:08-15:40 Coffee Break

15:40-17:04 SCIENTIFIC SESSION, No: 4
CLINICAL APPLICATION - OTHER TOPICS IN BASIC RESEARCH
Session Chairpersons: Duncan MCGROUTHER, O. Koray COSKUNFIRAT

15:40-15:52 Reinnervation of the Glabrous Skin After End-to-End Reconstruction in Rat
Shoista Kambiz, Liron Duraku, Martijn Baas, Gokce Cosgun, Tim Nijhuis, Tom Ruigrok
Rotterdam, THE NETHERLANDS

15:52-16:04 The Effects of Topical Antimicrobials on Skin Graft Healing After Full-Thickness Burn Injury
Ozan Luay Abbas, Hüseyin Borman, Taner Bahar
Kirşehir, TURKEY

16:04-16:16 Breast Reconstruction with the Denervated Latissimus Dorsi Musculocutaneous Flap
Pawel Szychta, Mark Butterworth, Mike Dixon, Dhananjay Kulkarni, Ken Stewart, Cameron Raine
Livingston, UNITED KINGDOM

16:16-16:28 Interrupted Suturing or Continuous Intradermal Suturing? Statistical Analysis of Late Postoperative Scars
Elif Sari, Hulda Rifat Ozakpinar, Ali Teoman Tellioglu
Ankara, TURKEY

16:28-16:40 Quality of Life Following Breast Reduction Mammaplasty - A Meta-Analysis of Published Studies
Evgeniou Evgenios, Mylothridis Panayiotis, Dimitriadis Panos
Slough, UNITED KINGDOM

16:40-16:52 Assessment of 3D Scanner Usefulness in Aesthetic Evaluation of Posttraumatic Rhinoplasty
Pawel Szychta, Henryk Witmanowski, Jan Rykala
Lodz, POLAND

16:52-17:04 Harvest Site Influences the Growth Properties of Adipose Derived Stem Cells
Patricia E. Engels, Mathias Tremp, Paul J. Kingham, Pietro G. di Summa, René D. Largo, Dirk J Schaefer
Basel, SWITZERLAND

17:15 EURAPS RESEARCH COUNCIL DELEGATES' MEETING

19:30 WELCOME RECEPTION at IZMIR HALL FOYER
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-08:42</td>
<td>Human Adipose Derived Stem Cells Used to Tissue Engineer Peripheral Nerve Repair</td>
<td>Kolar Mallappa, Liudmila Novikova, Lev Novikov, Mikael Wiberg, Paul Kingham</td>
<td>Umeå, SWEDEN</td>
</tr>
<tr>
<td>08:42-08:54</td>
<td>Secretome of Peripheral Blood Mononuclear Cells: Regenerative Effects in Vivo</td>
<td>Stefan Hacker, Rainer Mittermayr, Michael Mildner, Thomas Haider, Stefanie Nickl, Lucian Beer, Matthias Zimmermann, Thomas Schweiger, Manfred Frey, Hendrik Jan Ankersmit</td>
<td>Vienna, AUSTRIA</td>
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<tr>
<td>08:54-09:06</td>
<td>A Preclinical Model to Study the Efficacy of Hyperbaric Oxygen Therapy</td>
<td>Han van Neck, Bastiaan Tuk, Esther Fijneman, Ineke Hekking, Miao Tong, Steven Hovius</td>
<td>Rotterdam, THE NETHERLANDS</td>
</tr>
<tr>
<td>09:06-09:18</td>
<td>Distraction Chondroneogenesis on Rabitt’s Ear Cartilage</td>
<td>Nihal Durmus Kocaaslan, Ozhan Celebiler, Ayhan Numanoglu, Huseyn Kemal Turkoz</td>
<td>Istanbul, TURKEY</td>
</tr>
<tr>
<td>09:30-09:42</td>
<td>Comparing Different Postconditioning Cycles after Ischemia Reperfusion Injury in the Rat Skin Flap</td>
<td>Ani Cinpolat, Koray O. Coskunfirat, Gamze Bektas, Onur Ogan, Taner Temmuz</td>
<td>Adana, TURKEY</td>
</tr>
<tr>
<td>09:42-09:54</td>
<td>Translational Cadaveric Study of Composite Eye and Periorbital Allotransplantation Flap from Rat Model</td>
<td>Mehmet Bozkurt, Fatih Zor, Yalcin Kulahci, Can Ozturk, Safak Uygur, Risal Djojan</td>
<td>Diyarbakir, TURKEY</td>
</tr>
<tr>
<td>09:54-10:06</td>
<td>Effect of the Adipose Tissue Stromal Vascular Fraction Combined with Platelet-Rich Plasma on Irradiation-Induced Capsular Contracture Around Silicone Implants: An Experimental Study</td>
<td>Ozlem Gundeslioglu, Irfan Inan, Yilmaz Tezcan, Hatice Toy, Dilek Emlik, Murat Aktan</td>
<td>Konya, TURKEY</td>
</tr>
<tr>
<td>10:06-10:40</td>
<td>Coffee Break</td>
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</table>
SCIENTIFIC SESSION, NO: 6
OTHER TOPICS IN BASIC RESEARCH
Session Chairpersons: Efterpi DEMIRI, Yener DEMIRTAS

10:40-10:52 The Interaction Between Platelet Rich Plasma and Botulinum Toxin Type-A During Simultaneous Applications: An Experimental Study in Rabbits
Hakan Bulam, Suhan Ayhan, Billur Sezgin, Murat Zinnuroglu, Ece Konac, Nuray Varol
Ankara, TURKEY

10:52-11:04 The Effect of Liquid Nitrogen on the Bone Tissue Viability Using with Different Thawing Techniques
Hakan Sirinoglu, Ozhan Celebiler, Ozlem Tugce Cilingir, Feriha Ercan
Istanbul, TURKEY

11:04-11:16 Hyperbaric Oxygen Therapy: What Type of Wound Benefits Most?
Dominik Lévigne, Ali Modarresi, Rodrigue Pignel, Fatemeh Atashi, Brigitte Pittet-Cuénod
Geneva, SWITZERLAND

11:16-11:28 Inhibition of the Notch Pathway Promotes Flap Survival by Inducing Functional Neoangiogenesis
Ozan Luay Abbas, Hüseyin Borman, A. Cagri Uysal
Kırşehir, TURKEY

11:28-11:40 Neovascularization of Musculocutaneous and Muscle Flaps after Division of the Major Vascular Supply: An Experimental Study
Ozlem Gundeslioglu, Nebil Selimoglu, Hatice Toy, Osman Koc
Konya, TURKEY

11:40-11:52 Comparison of Effect for Radiotherapy to the Flap Survival on Rat Tram Flap Model
Mehmet Bozkurt, Orhan Binicier, Cüferi Tayyar Selcuk, Emin Kapi, Burhanettin Zincircioglu
Diyarbakir, TURKEY

11:52-12:04 Composite Tissue Xenopreservation: A New Living Tissue Bank
Rezarta Kapaj, Fatih Zor, Yıldırım Karslioglu, Selcuk Isik
ALBANIA

12:04-12:16 The Role of Botulinum Toxin A Injection on Neuromuscular End Plate Reinnervation During Peripheral Nerve Regeneration
Zeynep D. Akdeniz, Filiz Ates, Naziye Ozkan, Feriha Ercan, Mehmet Bayramicli
Istanbul, TURKEY

12:16 Adjournment of the Meeting