Wednesday, May 28, 2008

4:00 - 6:00 pm  Registration
               Mezzanine

Thursday, May 29, 2008

6:30 am - 5:00 pm  Registration
               Mezzanine

7:30 - 9:00 am  Continental Breakfast with Exhibitors
               Prairie

8:00 - 8:05 am  Welcome to the 53rd PRSC Meeting
                Michael W. Neumeister, MD
                Chair, Plastic Surgery Research Council

8:05 am - 11:00 pm  LOCAL PROGRAM
                Capitol & Illinois

8:05 - 8:15 am  Welcome to Southern Illinois University
                Kevin Dorsey, MD
                Dean, SIU School of Medicine

8:15 - 8:35 am  Remarks from the 16th President
                Fritz Klein
                Director, Lincoln Institute For Education

8:35 - 9:10 am  PRSC and SIU: The Past, Present and Future
                Elvin G. Zook, MD
                Professor Emeritus, Division of Plastic Surgery
                SIU School of Medicine

9:10 - 9:25 am  The Evolution of Endovascular Surgery
                Kim Hodgson, MD
                Professor Vascular Surgery
                SIU School of Medicine

9:25 - 9:45 am  Life’s Lesson
                Butch Elsie
                President, NAPA Auto Parts

9:45 - 10:05 am  Evaluating Performance or Bowling Without Pins
                Gary Dunnington, MD
                Chair, Department of Surgery
                SIU School of Medicine
10:05 - 10:20 am  Plastic Surgery Research at SIU
Robert Russell, MD
Clinical Professor
SIU School of Medicine

10:20 - 10:35 am  My Lincoln: A Personal View Including Useless Trivia
Don Tracy, JD

10:35 - 10:55 am  Abraham Lincoln: Malpractice Lawyer
Callom Davis, PhD
Malpractice Lawyer

11:00 am - 12:00 pm  Special Interdisciplinary Panel: Composite Tissue Allotransplantation
Moderator: Peter Tanb, MD
Co-Moderator: David W. Mathies, MD
Speaker: Linda C. Cendales, MD
Panelists: Joseph Serletti, MD
Stefan Schneebberger, MD
Warren C. Breidenbach, MD

12:00 - 2:00 pm  Lunch (Non-Members)
Prairie

12:15 - 2:00 pm  Lunch & Business Meeting (Members only)
Vista 1, 2 & 3

SESSION 1A
TRANSPLANT IMMUNOLOGY & CANCER BIOLOGY

2:00 - 9:30 pm  1A - 9A
Moderator: Mark Randolph, MAS
Co-Moderator: Matthew Canevon, MD

2:00 pm  1A  Award Eligibility: Shenaq
ALLOANTIGEN-PULSED HOST DENDRITIC CELLS INDUCE T-CELL REGULATION AND PROLONG ALLOGRAFT SURVIVAL IN A HIND-LIMB ALLOTRANSPLANTATION RAT MODEL
Presenter: Yur-Run Kuo, MD, PhD

2:10 pm  2A  PENILE ALLOTRANSPLANTATION MODEL IN RAT
Presenter: Mikel Hwelin, MD

2:20 pm  3A  Award Eligibility: Snyder
DIFFERENT CELL-BASED THERAPEUTIC APPROACHES IN FACE ALLOGRAFTS MODEL.
Presenter: Seraf Nasir, MD

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2:30 pm 4A  Award Eligibility: Snyder
THE TOLEROGENIC PROPERTIES OF RAPAMYCIN IN COMPOSITE TISSUE ALLOGRAFTS
Presenter: Mario Solari, MD

2:40 pm 5A  MULTIPLE COSTIMULATION BLOCKADE IN LIMB TRANSPLANTATION
Presenter: Thomas Tung, MD

2:50 pm 6A  Award Eligibility: Gingrass
TARGETING MOLECULAR MARKERS OF LYMPHOCYTE TRAFFICKING IN LIMB TRANSPLANTATION
Presenter: Benson Pulikkotil, MD

3:00 pm 7A  Award Eligibility: Shenaq
INDUCTION OF TOLERANCE TO AN ALLOGENEIC SKIN FLAP TRANSPLANT IN A PRECLINICAL LARGE ANIMAL MODEL
Presenter: Ben Horner, BM, BCh, MA, MRCS

3:10 pm 8A  Award Eligibility: Snyder
CORTICAL FUNCTION AND MAPPING AFTER FACE TRANSPLANTATION
Presenter: Kia McLean, MD

3:20 pm 9A  Award Eligibility: Snyder
A NOVEL PHOSPHOLIPID ETHER ANALOGUE TO DETECT RECURRENT OR OCCULT BREAST CANCER IN A TRAM RECONSTRUCTED BREAST
Presenter: Raj Ambay, MD, DDS

3:30 - 4:00 pm  Refreshment Break with Exhibitors
Prairie

SESSION 2A
WOUND HEALING & STEM CELL BIOLOGY

4:00 - 5:00 pm  10A - 15A
Moderator: Geoffrey Gurtner, MD
Co-Moderator: Lee Fu, MD, PhD, FACS

4:00 pm 10A  Award Eligibility: Snyder
TRANSCUTANEOUS GENE SILENCING WITH GEL-BASED SIRNA
Presenter: Vishal Thanik, MD
4:10 pm  11A  Award Eligibility: Gingras, Crikelaar
PROGERIA, LMNA, AND INSIGHT INTO NORMAL AGING
Presenter: Brian Capell, MD, PhD

4:20 pm  12A  Award Eligibility: Gingras, Crikelaar
EVALUATING THE REGENERATIVE CAPACITY OF CULTURED AND PRIMARY BONE MARROW- DERIVED CELLS USING REAL-TIME BIOLUMINESCENT IN VIVO IMAGING
Presenter: Ioan Vidal, BA

4:30 pm  13A  Award Eligibility: Gingras, Crikelaar
DEFEeroxamine PROPHYLAXIS FOR AGED ANIMALS IMPROVES NEOVASCULARIZATION IN PRESSURE ULCERS
Presenter: Michael Galvez, BA

4:40 pm  14A  Award Eligibility: Shenaq
A BIOMATRIX OF AUTOLOGOUS PLATELET RICH PLASMA GEL MIXED WITH ENDOTHELIAL PROGENITOR CELLS AND KERATINOCYTES PROMOTES MATRIX FORMATION, ANGIOGENESIS AND REEPITHELIELALISATION IN PORCINE FULL THICKNESS WOUNDS
Presenter: Stijn Dickens, MS

4:50 pm  15A  Award Eligibility: Gingras, Crikelaar
HYPERGLYCEMIA IMPAIRS MESENCHYMAL STEM CELL FUNCTION AND INDUCES PREMATURE DIFFERENTIATION
Presenter: Samyra El-feeii, BA

SESSION 3A  NERVE & TISSUE ENGINEERING

5:00 - 6:30 pm  16A - 25A  Moderator: Karry Marn, PhD
Co-Moderator: Sunil Gupta, MD, PhD, FRCSC

5:00 pm  16A  Award Eligibility: Shenaq
THE EFFECT OF ADIPOSE DERIVED STEM CELLS ON PRIMARY NERVE REPAIR
Presenter: Cagri Uzel, MD

5:10 pm  17A  Award Eligibility: Snyder
CONTROLLED RELEASE OF GLIAL CELL LINE- DERIVED NEUROTROPHIC FACTOR (GDNF) IN A FIBRIN BASED DELIVERY SYSTEM TO ENHANCE SCIATIC NERVE REGENERATION
Presenter: Amy Moore, MD
5:20 pm 18A ROPIVACAINE-INDUCED NERVE INJECTION INJURY IN THE RODENT MODEL
Presenter: Arash Moradzadeh, MD

5:30 pm 20A Award Eligibility: Ginggrass, Crikelaire
MICROSCALE ELECTRODE IMPLANTATION DURING NERVE REPAIR: EFFECTS ON RECOVERY OF MUSCLE CONTRACTILE FUNCTION, NERVE CONDUCTION, AND NERVE MORPHOLOGY
Presenter: Melanie Urbanchek, BS, MS, PhD

5:40 pm 21A Award Eligibility: Ginggrass, Crikelaire
MASTER AND THE APPRENTICE: IS THERE A DIFFERENCE BETWEEN SUTURE AND FIBRIN GLUE REPAIR OF PERIPHERAL NERVE DEFECTS THAT CORRELATES WITH MICROSURGICAL EXPERIENCE?
Presenter: Elizabeth Whitlock, BA

5:50 pm 22A Award Eligibility: Snyder
INFLUENCE OF NEURAL INPUT ON IN VIVO TISSUE-ENGINEERED SKELETAL MUSCLE FIBER TYPE
Presenter: Melissa Melvin, MD

6:00 pm 23A Award Eligibility: Ginggrass, Crikelaire
FLEXOR TENDON TISSUE ENGINEERING: CYCLIC STRAIN IMPROVES CONSTRUCT STRENGTH AND TENDON ARCHITECTURE
Presenter: Sepideh Saber, BS

6:10 pm 24A Award Eligibility: Ginggrass, Crikelaire
VARYING COLLAGEN CONCENTRATION, CELL SEEDING DENSITY AND TIME AND THE IMPLICATIONS ON COLLAGEN MATRIX STIFFNESS IN VITRO
Presenter: Seth Eberlein, BA

6:20 pm 25A Award Eligibility: Snyder
CELL GUIDANCE IN TISSUE ENGINEERING: A NEW PARADIGM FOR A NEW AGE
Presenter: Harvey Chim, MD

7:00 - 10:00 pm Member's Dinner (by invitation)
Abraham Lincoln Presidential Library

7:30 pm Members' Photograph
Friday, May 30, 2008

6:30 am - 5:00 pm  Registration
  Mezzanine

6:30 - 7:30 am  Continental Breakfast with Exhibitors
  Prairie

7:00 - 8:00 am  Concurrent Scientific Methods A & B
  Breakfast Sessions
  Topic Choices:
  • Techniques & Methods of Gene Therapy: Viruses are Good
    Speaker: Andrew Wilber, PhD
  • Current Techniques in Molecular Biology
    Speaker: Chris Chambers, PhD

8:15 - 9:30 am  Panel 2: Clinical Outcomes Research
  Moderator: J. Peter Rubin, MD
  Co-Moderator: James Bradley, MD
  Panelists: Amy Alderman, MD, MPH
  Kevin Chung, MD, FACS
  Andrea Pusic, MD, MHS
  Peter Neligan, MB

SESSION 4A
CLINICAL OUTCOMES

9:30 - 10:30 am  26A - 31A
  Moderator: Peter Neligan, MB
  Co-Moderator: Kevin Chung, MD, FACS

9:30 am  26A  THE FINANCIAL IMPACT OF BREAST
  RECONSTRUCTION ON AN ACADEMIC SURGICAL
  PRACTICE
  Presenter: Amy Alderman, MD

9:40 am  27A  Award Eligibility: Gingrass
  PROSPECTIVE ANALYSIS OF LONG-TERM
  PSYCHOSOCIAL OUTCOMES IN BREAST
  RECONSTRUCTION: TWO-YEAR POSTOPERATIVE
  RESULTS FROM THE MICHIGAN BREAST
  RECONSTRUCTION OUTCOMES STUDY
  Presenter: Dunya Atisha, MD

9:50 am  28A  Award Eligibility: Snyder
  PATIENT-REPORTED OUTCOMES AND SEXUAL
  FUNCTION IN VAGINAL RECONSTRUCTION:
  A 17-YEAR REVIEW AND SURVEY
  Presenter: Jeffrey Scott, MD

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PATIENT SATISFACTION WITH POSTMASTECTOMY RECONSTRUCTION: A COMPARISON OF SALINE AND SILICONE IMPLANTS  
Presenter: Colleen McCarthy, MD, MS

10:10 am 30A  
Award Eligibility: Snyder  
COMPARISON OF OUTCOMES BETWEEN PEDICLED VERTICAL RECTUS ABDOMINUS MYOCUTANEOUS FLAP VS. THIGH-BASED FLAP RECONSTRUCTION OF ABDOMINOPERINEAL RESECTION AND PELVIC EXENTERATION CANCER RESECTION DEFECTS  
Presenter: Rebecca Nelson, MD, MSc

10:20 am 31A  
Award Eligibility: Gingras  
MEASURING QUALITY OF LIFE AND PATIENT SATISFACTION AFTER BODY CONTOURING: A SYSTEMATIC REVIEW OF PATIENT REPORTED OUTCOME MEASURES  
Presenter: Patrick Reavey, MD

10:30 - 11:00 am  
Refreshment Break with Exhibitors  
Prairie

SESSION 5A  
CLINICAL OUTCOMES

11:00 am - 12:30 pm 32A - 40A  
Moderator: Charles Butler, MD  
Co-Moderator: Matthew Klein, MD

11:00 am 32A  
Award Eligibility: Gingras  
SAFETY AND EFFICACY OF THE ON-Q PAINBUSTER- POST-OP PAIN RELIEF SYSTEM IN PEDIATRIC SURGERY: A PROSPECTIVE, RANDOMIZED, DOUBLE-BLIND STUDY  
Presenter: Patrick Cole, MD

11:10 am 33A  
THE EFFICACY OF THE SURGICAL DELAY PROCEDURE IN PEDICLE TRANSVERSE RECTUS ABDOMINIS MUSCULOCUTANEOUS BREAST RECONSTRUCTION  
Presenter: Tim Janiga, MD

11:20 am 34A  
Award Eligibility: Gingras, Crielair  
NUTRITIONAL ASSESSMENT OF POST GASTRIC BYPASS BODY CONTOURING CANDIDATES  
Presenter: Nima Naghshineh, MD, MSc
11:30 am 35A THE BREAST-Q: DEVELOPMENT OF A NEW PATIENT-REPORTED OUTCOME MEASURE FOR BREAST SURGERY
Presenter: Andrea Pusic, MD, MHS

11:40 am 36A PATTERNS AND CORRELATES OF IMMEDIATE AND DELAYED POST-MASTECTOMY BREAST RECONSTRUCTION: RESULTS FROM A POPULATION-BASED STUDY
Presenter: Rachel Streu, MD

11:50 am 37A Award Eligibility: Shenaq
IS IT POSSIBLE TO OBJECTIVELY ASSESS TECHNICAL SKILLS AS PART OF THE SELECTION CRITERIA FOR HIGHER SURGICAL TRAINING IN PLASTIC SURGERY?
Presenter: Ann-marie Kennedy

12:00 pm 38A Award Eligibility: Snyder
AGE RELATED PATTERNS AND OUTCOMES OF PEDIATRIC CRANIOFACIAL INJURIES IN THE UNITED STATES: A SURVEY OF THE NATIONAL TRAUMA DATA BANK
Presenter: Scott Imahara, MD

12:10 pm 39A Award Eligibility: Gingrass, Crikelaer
BODY MASS IN BODY CONTOURING COMPLICATIONS: A PROSPECTIVE ANALYSIS
Presenter: Devin Coon, BA

12:20 pm 40A Award Eligibility: Gingrass, Crikelaer
CURRENT NATIONAL INCIDENCE, TRENDS, AND HEALTH CARE RESOURCE UTILIZATION OF CLEFT LIP AND PALATE
Presenter: Hurig Katchikian, BS

12:30 - 2:00 pm Concurrent Scientific Methods A & B
Lunch Sessions
Topic Choices:
• Techniques & Methods of Gene Therapy:
  Viruses are Good
  Speaker: Andrew Wilber, PhD
• Current Techniques in Molecular Biology
  Speaker: Chris Chambers, PhD
SESSION 6A
CLINICAL AND DEVELOPMENTAL BIOLOGY

2:00 - 3:30 pm  41A - 49A
Moderator: Peter Taub, MD
Co-Moderator: Jeffrey Weinraub, MD, FACS

2:00 pm  41A
DESIGN AND IMPACT OF AN INTRAOPERATIVE PATHWAY: A NEW OPERATING ROOM MODEL FOR TEAM-BASED PRACTICE
Presenter: Janet Yaeib, BA

2:10 pm  42A
THE COMPASS HINGE VS. THE HOOP DISTRACCTOR: EXTERNAL FIXATION TECHNIQUES OF PIP JOINT FRACTURE DISLOCATION
Presenter: Brannon Claytor, MD

2:20 pm  43A
Award Eligibility: Snyder
OUTCOMES OF COMPLEX ABDOMINAL WALL RECONSTRUCTION WITH BIOPROSTHETIC MESH IN CANCER PATIENTS
Presenter: Justin Sacks, MD

2:30 pm  44A
Award Eligibility: Snyder
CO-CULTURE WITH CRANIOSYNOSTOTIC DURAL CELLS FACILITATES BMP4-MEDIATED OSTEOGENIC INDUCTION OF MURINE MYOBLAST CELLS
Presenter: Gary DeCesare, MD

2:40 pm  45A
Award Eligibility: Gingrass
THE ROLE OF REGIONAL POSTERIOR FRONTAL DURA MATER ON THE OVERLYING SUTURE MORPHOLOGY
Presenter: Bethany Slater, MD

2:50 pm  46A
Award Eligibility: Snyder
RHBMP-4 GENE THERAPY REPAIR OF CLEFT PALATE IN A CONGENITAL CAPRINE MODEL
Presenter: Joyce Chen, MD

3:00 pm  47A
Award Eligibility: Snyder
HISTOLOGIC AND ULTRASTRUCTURAL SOFT TISSUE CHANGES FOLLOWING IMMEDIATE AND DELAYED MIDFACE DISTRACTION OSTEOGENESIS
Presenter: Shawkat Sati, MD
3:10 pm  48A  Award Eligibility: Gingras
QUANTITATIVE HISTOMORPHOMETRIC (QHM) ASSESSMENT OF REGENERATE CELLULARITY AND BONE QUALITY IN MANDIBULAR DISTRACTION OSTEOGENESIS (MDO) FOLLOWING THERAPEUTIC X-RAY RADIATION (XRT)
Presenter: Alero Fregene, MD

3:20 pm  49A  Award Eligibility: Snyder
RHBMP-2 AND MULTIPOTENT CELL THERAPY IN AN IMMATURE RAT ALVEOLAR DEFECT MODEL
Presenter: Navanjun Grewal, MD

3:30 - 4:00 pm
Refreshment Break with Exhibitors
Prairie

CONCURRENT SESSION 1B
CLINICAL OUTCOMES
Capitol

4:00 - 5:00 pm  1B - 15B
Moderator: Joseph Losee, MD
Co-Moderator: Scott Hansen, MD

4:00 pm  1B
EFFICACY AND SAFETY OF VENOUS THROMBOEMBOLISM PROPHYLAXIS IN HIGHEST RISK PLASTIC SURGERY PATIENTS
Presenter: Mitchel Seruya

4:04 pm  2B
A TEN-YEAR, TWO-INSTITUTION REVIEW OF PEDIATRIC DOG ATTACKS: ADVOCATING FOR A NATIONWIDE PROHIBITION OF DANGEROUS DOGS
Presenter: Kara Pappas, BS

4:08 pm  3B  CANCELLED
AUGMENTATION OF TISSUE RESPONSE THROUGH MODULATION OF VAC THERAPY APPLICATION PATTERN, THE TRUTH ABOUT TIME AND PATTERN APPLICATIONS OF THE VAC DEVICE
Presenter: Saja Sandra Scherer, MD

4:12 pm  4B
THE ASSESSMENT OF PORT WINE STAINS IN CHILDREN FOLLOWING MULTIPLE PULSED-DYE LASER TREATMENTS
Presenter: Sanjay Naran, BS
OBJECTIVE ASSESSMENT OF SECONDARY RHINOPLASTY USING RESORBABLE PLATES FOR ALAR SUPPORT IN PATIENTS WITH UNILATERAL CLEFT LIP
Presenter: Amir Fathi

THE EFFECT OF TRAINING AND SUPERVISION IN DETERMINING FULL THICKNESS SKIN GRAFT SURVIVAL
Presenter: Jeremy Rodrigues, MD

THREE DIMENSIONAL ANALYSIS OF "BOTTOMING OUT" AFTER BREAST REDUCTION SURGERY
Presenter: Jacob Unger

A NEW APPROACH TO LOWER EXTREMITY MELANOMAS: MINIMALLY INVASIVE GROIN DISSECTION
Presenter: Christopher Spach, MD

ALVEOLAR BONE GENERATION WITH AN IN SITU TISSUE ENGINEERING TECHNIQUE
Presenter: Sho Nishimura, MD, PhD

SUBTOTAL THIGH FLAP AND BIOPROSTHETIC MESH RECONSTRUCTION FOR LARGE, COMPOSITE ABDOMINAL WALL DEFECTS
Presenter: Samuel Lin, MD

VENOUS THROMBOEMBOLISM IN PATIENTS UNDERGOING AUTOLOGOUS TISSUE RECONSTRUCTION AFTER MASTECTOMY
Presenter: Christopher Pannucci

RESIDENTS VIEWS OF PLASTIC SURGERY IN THE GERIATRIC POPULATION: AN OBJECTIVE LEARNING NEEDS ASSESSMENT
Presenter: Steven J. Kassen, MD

COMPARISON OF BREAST IMPLANT DEFLATION FOR MENTOR ANTERIOR AND POSTERIOR VALVE DESIGNS IN AESTHETIC AND RECONSTRUCTIVE PATIENTS
Presenter: Benjamin Levi, MD

BRACHIOPLASTY AND CONCOMITANT PROCEDURES AFTER MASSIVE WEIGHT LOSS: A PROSPECTIVE STATISTICAL ANALYSIS
Presenter: Jeffrey Gutensohn, MD
4:56 pm 15B  EFFECT OF BODY CONTOURING ON RECIDIVISM FOLLOWING BARIATRIC SURGERY: A CLINICAL OUTCOMES STUDY  
Presenter: Michael Wolfeld, MD

5:00 - 6:30 pm 17B - 39B  
Moderator: Steven Morris, MD, MSc, FRCSC  
Co-Moderator: Amy Alderman, MD, MPH

5:04 pm 17B  THE CENTRAL PEDICLE REDUCTION MAMMAPLASTY WITH VERTICAL SKIN MARKINGS: A 155 PATIENT EXPERIENCE  
Presenter: Joyce Chen, MD

5:08 pm 18B  PATTERNS AND CORRELATES OF BREAST RECONSTRUCTION AMONG LATINAS: RESULTS FROM A POPULATION-BASED SAMPLE OF MASTECTOMY-TREATED BREAST CANCER PATIENTS  
Presenter: Amy Alderman, MD, MPH

5:12 pm 20B  USE OF A NON-CROSSLINKED PORCINE DERMAL SCAFFOLD IN RECONSTRUCTION OF ANTERIOR ABDOMINAL WALL  
Presenter: Pejman Aflaki, MD

5:16 pm 21B  A QUANTITATIVE EVALUATION OF POSTOPERATIVE SOFT-TISSUE SWELLING FOLLOWING BREAST SURGERY  
Presenter: Maximilian Eder, MD

5:20 pm 22B  THREE-DIMENSIONAL SURFACE IMAGING FOR OBJECTIVE QUANTIFICATION AND PREDICTION OF BREAST REDUCTION MAMMAPLASTY: GAIN OR GADGET?  
Presenter: Maximilian Eder, MD

5:24 pm 23B  A NOVEL STRATIFIED REPORTING SYSTEM FOR GRADING POST-OPERATIVE OUTCOMES AND COMPLICATIONS, WITH APPLICATION TO 17-YEAR REVIEW OF MANDIBULAR DISTRACTION OSTEOSTETICALLY  
Presenter: Alexander Allori, MD, MPH

5:28 pm 24B  OUTCOMES OF THE FURLOW PALATOPLASTY FOR SECONDARY MANAGEMENT OF VELOPHARYNGEAL INCOMPETENCE  
Presenter: Arun Gosain, MD
A SYSTEMATIC REVIEW OF PATIENT REPORTED OUTCOME MEASURES AFTER FACIAL COSMETIC SURGERY AND/OR NON-SURGICAL FACIAL REJUVENATION
Presenter: Tomas Kosowski, MD, MBA

EAR RECONSTRUCTION USING ONE CARTILAGE: A NOVEL TECHNIQUE
Presenter: Renato da Silva Freitas, MD, PhD

DERMATOFIBROSARCOMA PROTUBERANS: SURGICAL EXCISION VERSUS MOHS SURGERY
Presenter: Matthew McRae

COMPLICATIONS OF RIGID FIXATION MATERIALS IN CRANIOMAXILLOFACIAL TRAUMA: A 10 YEAR EXPERIENCE
Presenter: Chris Campbell, MD

DIFFERENCES IN SURGICAL FACULTY AND RESIDENT LEARNING AND TEACHING STYLE PREFERENCES
Presenter: Megan Jack

ANTITHROMBOTIC METHODS IN MICROVASCULAR SURGERY—AN INTERNATIONAL SURVEY
Presenter: Jan Wielander, MD, PhD

SODIUM HYALURONATE CARBOXYMETHYLCELLULOSE MEMBRANES DO NOT CAUSE DELETERIOUS EFFECTS IN NON-INJURED OR INJURED NERVE MODELS
Presenter: Christina Magill, BS, MD

IMPROVING SPEECH OUTCOMES FOLLOWING CLEFT PALATE REPAIR USING NASAL RAM PRESSURE
Presenter: Kanalkumar Kolappa, BS

CORRECTION OF CRANIOFACIAL MALFORMATIONS WITH MICROVASCULAR FREE FLAPS: A FIFTEEN-YEAR EXPERIENCE
Presenter: Christopher C. Chang, BA

SIMULTANEOUS BREAST AND ABDOMINAL AESTHETIC PROCEDURES PERFORMED UNDER SEDATION WITH INTERCOSTAL BLOCKADE
Presenter: Joshua Zuckerman, MD
6:12 pm  35B  IMPACT OF A DIEP FLAP PROGRAM ON RECONSTRUCTION RATE AT A SINGLE INSTITUTION  
Presenter: Janet Yueh, BA

6:16 pm  36B  ESTABLISHMENT OF A LOWER EYELID SEVERITY SCORE FOR PRECISE PRE-OPERATIVE EVALUATION AND DETERMINATION OF AN OPTIMAL CANTHOPLASTY TECHNIQUE  
Presenter: Benjamin Ge

6:20 pm  37B  A PATIENT-SPECIFIC 3D BIOMECHANICAL MODEL FOR PREDICTING OUTCOME OF BREAST RECONSTRUCTION USING COMPUTATIONAL MECHANICS BASED SIMULATIONS  
Presenter: Alok Sutrakbar

6:24 pm  38B  INCREASED FREQUENCY OF LEFT-HANDEDNESS IN PATIENTS WITH UNILATERAL CORONAL SYNOSTOSIS  
Presenter: Albert Oh, MD

6:28 pm  39B  A TEN-YEAR EXPERIENCE USING THE 410 BIODIMENSIONAL SYSTEM IN BREAST AUGMENTATION  
CANCELLED  
Presenter: Katherine Au, MD

CONCURRENT SESSION 2C  
DEVELOPMENTAL BIOLOGY, TRANSPLANT, NERVE, WOUND HEALING, FLAPS & ISCHEMIA  
Illinois

4:00 - 5:00 pm  40C - 54C  
Moderator: H. Peter Lorenz, MD  
Co-Moderator: Jonathan Winograd, MD

4:00 pm  40C  DIFFERENTIAL EFFECT OF TGF-BETA1 ON GENE EXPRESSION OF BMP3 AND NOGGIN IN POSTERIOR FRONTAL AND SAGITTAL DURAL CELLS  
Presenter: Percy Lo, MD

4:04 pm  41C  FIRST REPORT ON CONSISTENT TRANSFECTION OF MOUSE CALVARIA IN ORGAN CULTURE: EFFECT OF TGF-BETA1 SI RNA  
Presenter: Yashar Eshraghi, MD
OSTEOGENIC AND CHONDROGENIC POTENTIALS OF POSTERIORFRONTAL/SAGITTAL SUTURE-DERIVED MESENCHYMAL CELLS IN VITRO
Presenter: Aaron James, BA

THREE-DIMENSIONAL GROWTH AND FUNCTION OF EMBRYONIC STEM CELL DERIVED MOTOR NEURONS IN DEGRADABLE GEL STRUCTURES
Presenter: Andreas Groger, MD

HEDEGHO GONALING PLAYS A ROLE IN DEVELOPMENT AND REPAIR OF SKIN
Presenter: Anton Carre, MD

SPRING MEDIATED CRANIAL DISTRACTION IN A RAT MODEL: DEVELOPING A NEW IN VIVO MODEL TO INVESTIGATE THE EFFECT OF MORPHOLOGICAL STATE ON SUTURE BIOLOGY
Presenter: Mark Rahman, MBChB, BSc, MRCS

HYALURONIC ACID AND THE CLEFT PHENOTYPE IN THE DEVELOPING CROUZON MOUSE PALATE
Presenter: Alison Sayder-Warwick, MD

NOTCH GENES ARE EXPRESSED IN HEMANGIOMA
Presenter: Jane Wu, MD

NEURAL REGENERATION OF PERIPHERAL NERVE DEFECTS PROMOTED BY DONOR DERIVED BONE MARROW STROMAL CELLS
Presenter: William Duggan, MD

IN VIVO ELECTROPORATION OF PERIPHERAL NERVE TO ALTER SCHWANN CELL GENE EXPRESSION
Presenter: Jeffrey Feiner, MD

MRI MONITORING OF PERIPHERAL NERVE REGENERATION AND NEUROMA FORMATION FOLLOWING NEUROTOMESIS AT 4.7 TESLA
Presenter: Bjorn Behr

POPULATIONS OF AUTOGENOUS SCHWANN CELLS IN NERVE ALLOGRAFTS INDICATE THAT ANTI-CD40 LIGAND COSTIMULATORY BLOCKADE INDUCES A PERMISSIVE STATE
Presenter: Alison Tisack
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>4:48 pm</td>
<td>52C</td>
<td>IN VIVO MICROSCOPY OF THE PERIPHERAL NERVE FOLLOWING INJURY USING OPTICAL COHERENCE TOMOGRAPHY (O.C.T.)</td>
<td>Francis Henry, MD</td>
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<td>4:52 pm</td>
<td>53C</td>
<td>IMPROVED NERVE REGENERATION USING IMMUNOLOGICAL DEMEYELINATION AFTER ACUTE TRANSECTION INJURY IN THE ADULT RAT SCIATIC NERVE</td>
<td>Aaron Kosins, MD, MBA</td>
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<td>4:56 pm</td>
<td>54C</td>
<td>TRANSPANTATION OF SPIDER SILK CONSTRUCTS ENHANCES AXONAL REGENERATION AND REMYELINATION IN LONG DISTANCE NERVE DEFECTS IN ADULT SHEEP</td>
<td>Christine Radske, MD, PhD</td>
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<td>5:00 - 6:30 pm</td>
<td>57C - 77C</td>
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<td>5:08 pm</td>
<td>57C</td>
<td>SURVEY ON CURRENT ATTITUDES TOWARDS COMPOSITE TISSUE TRANSPLANTATION IN NORTH AMERICA AMONG BURN AND PLASTIC SURGEONS</td>
<td>Emily Williams, MD</td>
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<td>5:12 pm</td>
<td>58C</td>
<td>HISTOMORPHOLOGICAL FEATURES OF CHRONIC REJECTION IN COMPOSITE TISSUE ALLOTRANSPLANTATION</td>
<td>Paul Afroz, MD</td>
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<td>5:16 pm</td>
<td>59C</td>
<td>REGULATORY CD4+/CD25+ T-CELL SUPPORTED FACIAL ALLOGRAFT SURVIVAL AFTER IMMUNOTHERAPY WITH DONOR BONE MARROW</td>
<td>Aleksandra Klimczak, PhD</td>
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<td>5:20 pm</td>
<td>60C</td>
<td>A PRE-CLINICAL CANINE MODEL FOR COMPOSITE TISSUE ALLOTRANSPLANTATION</td>
<td>David Mathes, MD</td>
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<tr>
<td>5:24 pm</td>
<td>61C</td>
<td>SURVEY ON CURRENT ATTITUDES TOWARDS COMPOSITE TISSUE TRANSPLANTATION IN NORTH AMERICA AMONG HAND SURGEONS</td>
<td>Robert Schlenker, MD</td>
</tr>
<tr>
<td>5:28 pm</td>
<td>62C</td>
<td>A NOVEL CELL-BASED THERAPEUTIC APPROACH TO PREVENT SKIN ALLOGRAFT REJECTION</td>
<td>Dong Zhang, MD, PhD</td>
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5:32 pm 63C  
EFFICACY OF CHIMERIC CELL TRANSPLANTATIONS TO INDUCE DONOR SPECIFIC TOLERANCE INDUCTION, HARVESTED AT DIFFERENT TIME PERIODS POST-TRANSPLANT AFTER BONE MORROW TRANSPLANTATION  
Presenter: Eshon Sonmez, MD

5:36 pm 64C  
ISOLATED TRANS-GENE EXPRESSION IN RAT HINDLIMB COMPOSITE TISSUE ALLOGRAFTS  
Presenter: Damon Cooney, MD, PhD

5:40 pm 65C  
A NEW RAT MODEL FOR THE STUDY OF TOLERANCE AND CHIMERISM INDUCTION; CONCOMITANT HETEROPTIC FEMORAL HEART WITH CONTRALATERAL VASCULARIZED BONE MARROW TRANSPLANT  
Presenter: Chad Gordon, DO

5:44 pm 66C  
FUNCTIONAL OUTCOME FOLLOWING COMPOSITE TISSUE ALLOTRANSPLANTATION: EFFECTS OF MULTIPLE ACUTE REJECTIONS  
Presenter: Jignesh Unadkat, MBBS, MRCS

5:48 pm 67C  
EFFECT OF PACE THERAPY ON EXPRESSION OF PROANGIOGENIC FACTORS AND CHEMOKINES IN SKELETAL MUSCLE ISCHEMIA/REPERFUSION INJURY MODEL. A PRELIMINARY REPORT  
Presenter: Joanna Czokiel, MSc

5:52 pm 68C  
ANATOMIC BASIS AND CLINICAL APPLICATION OF THE INTEROSSEOUS MUSCLE FLAP IN THE HAND  
Presenter: Maolin Ying, MD

5:56 pm 69C  
EARLY DETECTION OF ARTERIAL AND / OR VENOUS OCCLUSION USING A NOVEL SPECTROSCOPIC IMAGING TECHIQUE IN A PIG PEDICLE FLAP MODEL  
Presenter: Michael Phaon, MD

6:00 pm 70C  
DE NOVO GENERATION OF AXIALLY VASCULARISED TISSUE IN A LARGE ANIMAL MODEL  
Presenter: Justus Beier, MD

6:04 pm 71C  
DOSE-FINDING STUDY OF FIBRIN GEL-IMMobilized VEGF165 AND BFGF IN THE AV LOOP MODEL  
Presenter: Andreas Arkiadas, MD
6:08 pm 72C  MODULATION OF SKIN FIBROBLASTS RECRUITMENT AND LEUKOCYTE INFILTRATION IN EXTRACORPOREAL SHOCK WAVE ENHANCEMENT OF EXTENDED SKIN FLAP SURVIVAL
Presenter: Yur-Ren Kuo, MD, PhD

6:12 pm 73C  ACTIVATED PROTEIN C IMPROVES SURVIVAL OF CRITICALLY ISCHEMIC SKIN FLAPS
Presenter: Michael Bezahly, MD

6:16 pm 74C  THE VASCULAR SUPPLY OF MUSCLES OF THE BODY
Presenter: Khalid Almutairi, MD

6:20 pm 75C  A FEASIBILITY STUDY REGARDING CONSTRUCTION OF A COMPOSITE TISSUE EYELID FLAP: ANATOMIC AND TECHNICAL CONSIDERATIONS
Presenter: James Edwards, MD

6:24 pm 76C  PULSED ACOUSTIC CELLULAR THERAPY SUPPORTING NEOVASCULARIZATION AND WOUND HEALING IN ISCHEMIC MUSCLE FLAP MODEL
Presenter: Lukasz Krokowski, PhD

6:28 pm 77C  NEUTROPHIL APOPTOSIS IN ISCHEMIA REPERFUSION INJURY AND THE EFFECT OF HYPERBARIC OXYGEN
Presenter: Richard Baynosa, MD

CONCURRENT SESSION 3D
TISSUE ENGINEERING, WOUND HEALING, STEM CELL BIOLOGY
Rendezvous

4:00 - 5:00 pm 78D - 92D  
Moderator: Babak Mehrara, MD
Co-Moderator: David Brown, MD

4:00 pm 78D  HOMEBOX GENE EXPRESSION IN INFANTILE HEMANGIOMAS: EVIDENCE FOR AN ACTIVE ROLE IN PROLIFERATION AND INVOLUTION
Presenter: Kamakshi Zeidler, MD

4:04 pm 79D  APPLICATION OF THE CHEMOKINE CXCL12 EXPRESSION PLASMID TO DIABETIC WOUNDS ACCELERATES HEALING TO NEAR NORMAL
Presenter: Terry Restivo, DO
4:08 pm  80D  NOTCH SIGNALS REGULATE TWIST IN ADULT DERIVED STEM CELLS: IMPLICATIONS FOR BONE TISSUE ENGINEERING  
Presenter: Chris Chambers, PhD

4:12 pm  81D  OUTCOMES OF PORCINE VS. HUMAN ACELLULAR DERMAL MATRICES FOR ABDOMINAL WALL RECONSTRUCTION  
Presenter: Nadja Bumi, MD

4:16 pm  82D  TAZ IS A TRANSCRIPTIONAL MODULATOR OF HUMAN ADIPOSE-DERIVED Stromal CELL DIFFERENTIATION TOWARDS THE OSTEOGENIC LINEAGE  
Presenter: Deepak Gupta, MD

4:20 pm  83D  MYOBLAST COMPATIBILITY WITH A BIOSYNTHETIC ELECTRICALLY CONDUCTIVE MATERIAL  
Presenter: Melanie Urbanek, PhD

4:24 pm  84D  FRACTIONATED DOSES OF IONIZING RADIATION CONFER PROTECTION TO MESENCHYMAL STEM CELL PLURIPOTENCY  
Presenter: Tamer Avraham, MD

4:28 pm  85D  LOCAL P53 GENE SILENCING IMPROVES DIABETIC WOUND HEALING  
Presenter: Vishal Thanik

4:32 pm  86D  OUTCOME ANALYSIS AND QUANTIFICATION OF STRUCTURAL COMPENSATORY CHANGES IN THE CONTRALATERAL MANDIBLE (CM) AFTER UNILATERAL MANDIBULAR DISTRACTION OSTEOGENESIS (UMDO)  
Presenter: Mehreen Kakwan, BS

4:40 pm  88D  IONIZING RADIATION LEADS TO A P21 DEPENDENT BREAK IN MESENCHYMAL STEM CELL DIFFERENTIATION  
Presenter: Nicholas Clavin, MD

4:44 pm  89D  PRESERVATION OF TISSUE INTEGRITY AND DECREASED TISSUE DAMAGE WITH PEAK PLASMA BLADE  
Presenter: Edward Chang, MD

4:48 pm  90D  ADIPOSE DERIVED HYDROGELS PROMOTE RAPID ADIPOGENESIS IN VITRO AND IN VIVO  
Presenter: Shirli Uriel, PhD
4:52 pm 91D  FLEXOR TENDON TISSUE ENGINEERING: THE BIOMECHANICAL ANALYSIS OF EXPLANTED ACELLULARIZED TENDON CONSTRUCTS
Presenter: Sepideh Saber

4:56 pm 92D  SYNERGISTIC ACTIVATION OF OSTEOGENESIS IN MULTI-LINEAGE PROGENITOR CELLS BY OXYSTEROLS
Presenter: Michael Hakimi, BS

5:00 - 6:30 pm 94D - 115D
Moderator: Bradon Wilhelmi, MD
Co-Moderator: Steven Morris, MD, MSc, FRCSC

5:04 pm 94D  DESIGN OF SOLID SCAFFOLDS WITH TIME-RELEASED POROSITY FOR ENDOGENOUS BONE ENGINEERING
Presenter: Clarence Lin

5:08 pm 95D  METABOLIC AND FUNCTIONAL CHARACTERIZATION OF HUMAN ADIPOSE-DERIVED STEM CELLS FOR TISSUE ENGINEERING
Presenter: Blaine Mischen, BS

5:12 pm 96D  TRANSFER OF HOX B3 GENE ACCELERATES WOUND HEALING IN DIABETIC MICE
Presenter: Khashayar Mohebali, MD

5:16 pm 97D  CANCELLED

5:20 pm 98D  EFFECTS OF MECHANICAL STRAIN ON SWINE WOUNDS--CORRELATION WITH HUMAN HYPERTROPHIC SCARS
Presenter: Kirit Bhatt, MD

5:24 pm 99D  GENOMIC ANALYSIS OF OSTEOGENIC DIFFERENTIATION OF ADIPOSE-DERIVED Stromal CELLS
Presenter: Jacqueline Lee

5:28 pm 100D  IS SKIN QUALITY DERANEGED BY MASSIVE WEIGHT LOSS?
Presenter: Shelly Choo, BS
5:32 pm 101D PI3-K/ektin inhibitor Wortmannin decreases mechanical strain induced fibroblast migration in vitro and increases hypertrophic scar apoptosis in vivo
Presenter: Josemaria Paterno

5:36 pm 102D Optimizing growth of in vivo tissue engineered vascularized constructs
Presenter: Ian Byrd, MD

5:40 pm 103D Pathogenesis of radiation-induced capsular contracture
Presenter: Joan Lipa, MD, MSc, FRCS(C), FACS

5:44 pm 104D Preservation media and adipose derived stem cells may improve frozen fat graft storage
Presenter: Navanjun S. Grewal, MD

5:48 pm 105D The MilieuExelle Principle: A new approach to tissue-engineered skin reconstruction
Presenter: Stefan Van den Berge, MD

5:52 pm 106D AMD3100-induced EPC mobilization results in improved diabetic wound healing
Presenter: Robert Allen, Jr., MD

5:56 pm 107D Development of a delayed wound healing model and its use for testing a novel cell-based therapy
Presenter: Ivan Hadad

6:00 pm 108D Gene ontology in the Duroc/Yorkshire porcine model of fibroproliferative scarring
Presenter: Maria Luiza Ramos

6:04 pm 109D Enhanced expression of the TGF-beta type 3 receptor gene promoter in mechanical strained osteoblasts is suppressed by dominant negative transcription factor C/EBP-Delta
Presenter: Yuan Liu, MD

6:08 pm 110D A model of cutaneous scarring in the Yorkshire pig and comparison of scar formation in a liquid vs dry environment
Presenter: Richard Reich, BS
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>6:12 pm</td>
<td>111D</td>
<td>PARACRINE INTERACTION BETWEEN ADIPOSE-DERIVED STEM CELLS (ASCs) AND ENDOTHELIAL PRECURSOR CELLS (EPC) IN HUMAN FAT MODEL</td>
<td>Vahe Melkonyan, MD</td>
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<tr>
<td>6:16 pm</td>
<td>112D</td>
<td>IN VIVO TISSUE-ENGINEERED BLOOD VESSEL GRAFT CONSTRUCTED BY IMPLANTATION OF ALLOGENIC ACCELLULAR VASCULAR GRAFT IN THE PERITONEAL CAVITY IN A CANINE MODEL</td>
<td>Daping Yang</td>
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<tr>
<td>6:20 pm</td>
<td>113D</td>
<td>FLAP PREFABRICATION TECHNIQUE AS A TOOL FOR INDUCING ANGIogenesis IN TISSUE ENGINEERING</td>
<td>Takahisa Okuda, MD</td>
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<tr>
<td>6:24 pm</td>
<td>114D</td>
<td>DESIGN OF AN IN VITRO LACUNO-CANALICULAR SYSTEM FOR BONE BIOLOGY AND EXOGENOUS TISSUE ENGINEERING RESEARCH</td>
<td>Alexander Allori, MD, MPH</td>
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<td>6:28 pm</td>
<td>115D</td>
<td>FUNCTIONAL AND STRUCTURAL ALTERATIONS IN THE CONTRALATERAL MANDIBLE (CM) AFTER UNILATERAL MANDIBULAR DISTRACTION OSTEOGENESIS (UMDO) ARE DUE TO COMPENSATORY REGIONAL EFFECTS</td>
<td>Hussain Dar</td>
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7:00 - 10:00 pm  
**Welcome Reception (all welcome)**  
Old State Capitol
Saturday, May 31, 2008

6:30 am - 2:00 pm  Registration  
Mezzanine

7:00 - 9:00 am  Continental Breakfast with Exhibitors  
Prairie

SESSION 7A  
TISSUE ENGINEERING, WOUND HEALING & STEM CELL BIOLOGY

7:30 am - 9:30 am  50A - 61A
Moderator: Stephen Warren, MD
Co-Moderator: Michael Neumeister, MD

7:30 am  50A  THE USE OF A TISSUE ENGINEERED PERIOSTEUM FOR REPAIR OF A CRITICAL SIZED MANDIBULAR DEFECT  
Presenter: Nicholas Clavin, MD

7:40 am  51A  ACCELERATION OF OSTEOGENESIS AND ANGIGENESIS USING DUAL TRANSFECTION WITH BMP-2 AND VEGF-A ADENOVIRUSES  
Presenter: Babak Mehrara, MD

7:50 am  52A  Award Eligibility: Gingras  
BRIDGING THE GAP: HARD AND SOFT SCAFFOLDS FOR ALVEOLAR BONE HEALING IN A NOVEL GINGIVOPERIOSTEoplastY MODEL  
Presenter: Phuong Nguyen, MD

8:00 am  53A  Award Eligibility: Gingras  
TUNABLE CONTROL OF PRO-OSTEOGENIC GROWTH FACTOR RELEASE  
Presenter: Matthew Kwon, MD

8:10 am  54A  Award Eligibility: Gingras, Crikclair  
ENHANCED OSTEOGENIC CAPACITY OF BONE PRECURSOR CELLS COTRANSDUCED WITH HUMAN TELOMERASE AND BONE MORPHOGENETIC PROTEIN 9  
Presenter: Shanshan Mou, AB

8:20 am  55A  Award Eligibility: Snyder  
SOLUBLE FACTORS FROM INFANT DURA INDUCE OSTEOGENIC DIFFERENTIATION OF ADULT-DERIVED ASCS  
Presenter: Darren Smith, MD

-52-
8:30 am 56A  OSTEGENIC DIFFERENTIATION OF MULTI-LINEAGE PROGENITOR CELLS (MLPC) IN TWO- AND THREE-DIMENSIONAL TISSUE ENGINEERING CULTURES
Presenter: Michael Hakimi

8:40 am 57A  IN VIVO TEMPORAL AND MECHANICAL LOAD DEPENDENT ANALYSIS OF MICROARRAY EXPRESSION PROFILES IN HYPERTROPHIC SCAR FORMATION DEMONSTRATES UNIQUE FIBROTIC AND INFLAMMATORY SIGNATURES
Presenter: Josemaria Paterno

8:50 am 58A  Award Eligibility: Gingras, Crikelair
DYNAMIC CELL CULTURE IN A FLOW-PERFUSION BIOREACTOR PREVENTS CORE NECROSIS AND IMPROVES MINERALIZATION IN THICK 3D TISSUE-ENGINEERED CONSTRUCTS
Presenter: Alexander Saiton, BA

9:00 am 59A  IF ITS GOOD ENOUGH FOR DOLPHINS: USE OF THE COMPUTERIZED DOLPHIN BED TECHNOLOGY MARKEDLY IMPROVES TISSUE PERFUSION OF HUMAN PRESSURE POINTS AS WELL
Presenter: Richard Bodor, MD

9:10 am 60A  IMPAIRED PROLIFERATION, MIGRATION, AND DIFFERENTIATION UNDERLIE THE ATTENUATED RESPONSE AND FUNCTION OF MESENCHYMAL STEM CELLS IN DIABETIC ISCHEMIA
Presenter: Geoffrey Gurtner, MD

9:20 am 61A  Award Eligibility: Gingras
THROMBOSPONDIN-1-CD47 BLOCKADE PROVIDES A PROTECTIVE EFFECT FOR RADIATED SURGICAL WOUNDS
Presenter: Justin Maxhimer, MD

9:30 - 10:00 am  Refreshment Break with Exhibitors
Prairie
SESSION 8A
FLAPS, ISCHEMIA AND ANGIogenesis

10:00 am - 12:00 pm
62A - 73A
Moderator: William Austen, MD
Co-Moderator: Joan Lypa, MD, FACS

10:00 am 62A
Award Eligibility: Shenao
3D RECONSTRUCTION FOR THE INVESTIGATION OF THE CUTANEOUS ANGIOsOME BY USING ANGIOGRAPHY IN CADAVERS
Presenter: Zhiqun Yin

10:10 am 63A
Award Eligibility: Snyder
NOVEL THERAPEUTIC STRATEGY FOR ATTENUATION OF ISCHEMIA/REPERFUSION (I/R) INJURY IN SKELETAL MUSCLE
Presenter: Sandra McAllister, MD, MRCSEd

10:20 am 64A
Award Eligibility: Snyder
SALVAGE OF ISCHEMIC HUMAN SKELETAL MUSCLE FROM REPERFUSION INJURY
Presenter: Neil Caloone, MBChB, MRCS

10:30 am 65A
Award Eligibility: Shenao
THE EFFECTS OF FLAP ISCHEMIA ON NORMAL AND DIABETIC ENDOTHELIAL PROGENITOR CELL FUNCTION
Presenter: Rica Tanaka

10:40 am 66A
Award Eligibility: Snyder
BEVACIZUMAB REDUCES INTIMAL HYPERPLASIA THROUGH INHIBITION OF VEGF/PI3K/AKT PATHWAY IN A VEIN GRAFT MODEL
Presenter: Qixiu Zhang, MD, PhD

10:50 am 67A
REPERFUSION-INDUCED APOPTOTIC ENDOTHELIAL CELLS ISOLATED FROM SKELETAL MUSCLE VS. FROM PERIPHERAL BLOOD
Presenter: Wei Wang, MD

11:00 am 68A
Award Eligibility: Snyder
MITIGATION OF ISCHEMIA REPERFUSION INJURY WITH A PEPTIDE THAT SPECIFICALLY Binds TO NATURAL ANTIbODY IN A MURINE ISLAND SKIN FLAP MODEL
Presenter: John T. Nguyen, MD
11:10 am  69A  Award Eligibility: Snyder  
CARTILAGE TISSUE ENGINEERING USING ADIPOSE-DERIVED STEM CELLS  
Presenter: Rei Ogawa, MD, PhD

11:20 am  70A  Award Eligibility: Snyder  
AGING IMPAIRS ENDOTHELIAL PROGENITOR CELL RECRUITMENT TO SITES OF ISCHEMIA THROUGH DECREASED HIF-1 STABILIZATION  
Presenter: Edward Chang, MD

11:30 am  71A  Award Eligibility: Shenaq  
PERIPHERAL BLOOD-DERIVED ENDOTHELIAL PROGENITOR CELLS INCREASE VASCULARISATION IN VIVO IN A 3D DERMAL SUBSTITUTE  
Presenter: Benoit Hendricks, MD

11:40 am  72A  THE IMPACT OF EXERCISE ON HUMAN EPC MOBILIZATION AND DIFFERENTIATION  
Presenter: Eugenios Neofytou, PhD

11:50 am  73A  Award Eligibility: Snyder  
ADULT DERIVED STEM CELL PROLIFERATION IS REGULATED BY NOTCH: INVOLVEMENT OF MAPK  
Presenter: Nada Berry, MD

12:00 - 12:30 pm  
Award Announcements & Box Lunch pick up

MEETING ADJOURS

2:00 - 3:00 pm  
PSRC Ice Hockey Game