2015 Western Regional Meeting

January 29-31, 2015
Carmel, California

Participating Societies:
Western Section American Federation for Medical Research
Western Society for Clinical Investigation
Western Association of Physicians
Western Society for Pediatric Research
Western Student and Resident Medical Research Forum
California Thoracic Society

"Photo courtesy of CarmelCalifornia.com"
Save the Date for 2016 WRM: January 28-30, 2016
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<td>Hematology and Oncology</td>
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## 2015 WESTERN REGIONAL MEETING

**Carmel, California**

**PROGRAM AT-A-GLANCE**

**January 29–31, 2015**

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<td>Sunset Center – Entry Lobby</td>
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<tr>
<td>8:00 am – 5:00 pm</td>
<td>Speaker Ready Room</td>
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<td>Sunset Center</td>
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<tr>
<td>9:00 am – 11:40 am</td>
<td>WAP Symposium</td>
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<td>Aging: Emerging Insights</td>
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<td>Sponsored by WAP</td>
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<td>Studio 105</td>
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<tr>
<td>9:30 am – 12:00 pm</td>
<td>WSPR Council Meeting</td>
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<td>Sunset Center – Bingham #3</td>
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<tr>
<td>11:30 am – 12:30 pm</td>
<td>Investigator Workshop</td>
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<td>(Intended for Fellows and Jr. Faculty – Lunch included)</td>
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<tr>
<td></td>
<td>Making the Most of Your Mentor</td>
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<tr>
<td></td>
<td>Ellen Schur, MD, MS</td>
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<td></td>
<td>University of Washington, Harborview Medical Center</td>
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<td>Sunset Center – Green Room</td>
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<td>11:40 am – 12:00 pm</td>
<td>WAP Business Meeting</td>
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<td>12:30 pm – 2:30 pm</td>
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<td>Health Care Research I – Babcock #6</td>
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<td>Immunology and Rheumatology I – Chapman #4</td>
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<td>Neonatology – General I – Studio 105</td>
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<tr>
<td>2:30 pm – 3:30 pm</td>
<td>Break and Poster Session</td>
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<td>Carpenter Hall</td>
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<td>(Presenters in attendance from 2:30 pm to 3:30 pm)</td>
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<td>Cardiovascular</td>
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<td>Community Health</td>
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<td>General Internal Medicine and Aging</td>
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<td>3:30 pm – 6:00 pm</td>
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| 6:00 pm – 7:30 pm | Welcome Reception and Student Award Posters, Pizza, and Beer  
Jointly sponsored by WAFMR, WAP, WSCI, WSMRF, and WSPR  
All welcome and encouraged to attend  
Carmel Women’s Club |
| 7:00 pm – 9:00 pm | Abbott Nutrition WSPR Reception  
Open to all WSPR members, trainees, and guests  
Poseidon Room, La Playa Hotel |
| 7:00 pm – 9:00 pm | WAP Council Meeting  
(by invitation only)  
Pine Inn – Il Fornaio |
| 7:00 pm – 9:00 pm | WAFMR Business Meeting  
(by invitation only)  
Forge in the Forest |
| FRIDAY, JANUARY 30, 2015 |
| 8:00 am – 5:00 pm | Registration  
Sunset Center – Entry Lobby |
| 8:00 am – 5:00 pm | Speaker Ready Room  
Sunset Center |
| 8:00 am – 11:15 am | Joint Plenary Session  
Obesity  
WAFMR, WSCI, WAP, and WSPR  
Sunset Center – Theater  
WSCI Outstanding Investigator Award  
WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award  
WSPR Abbott Nutrition Lowell Glasgow Student Research Award  
WSPR Abbott Nutrition Young Investigator Research Award  
E.E. Osgood Award  
WAFMR Outstanding Investigator Award  
WSPR Stanley Wright Lecture  
WAP Distinguished Lecture  
Mayo Soley Award Presentation  
Award Presentations |
| 11:15 am – 12:00 pm | WSCI Society Business Meetings  
Sunset Center – Theater |
| 11:15 am – 12:00 pm | WSPR Business Meeting  
Sunset Center – Theater |
| 11:15 am – 12:00 pm | WSMRF Council Meeting  
Sunset Center – Conductor’s Room |
| 11:30 am – 12:30 pm | New Investigator Workshops  
(Intended for Fellows and Jr. Faculty – Lunch included)  
Publishing without Perishing  
Richard L. Kravitz, MD, MSPH  
University of California Davis  
Sunset Center – Green Room |
| 12:30 pm – 2:30 pm | Concurrent Sessions  
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Endocrinology and Metabolism II – Bingham #3  
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Genetics – Rehearsal Room  
Neonatology – General II – All Saints Church, Seacombe Hall  
Neonatology – Perinatal Biology I – Chapman #4  
Surgery II – Conductor’s Room |
| 1:00 pm – 5:30 pm | California Thoracic Society Meeting  
Quail Lodge  
8205 Valley Greens Drive, Carmel, CA 93923 |
<p>| 2:30 pm – 3:30 pm | Break and Poster Session |</p>
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<td><strong>University of Washington Reception</strong>&lt;br&gt;All UW faculty, fellows, residents and students invited&lt;br&gt;Carmel Mission Ranch</td>
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<td><strong>Western Respiratory Club Dinner</strong>&lt;br&gt;&lt;i&gt;State of the Physician: How Physician’s Feelings Affect their Patients&lt;/i&gt;&lt;br&gt;Phil Gold&lt;br&gt;Quail Lodge&lt;br&gt;8205 Valley Greens Drive, Carmel, CA 93923</td>
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CME CERTIFICATION

This Live activity, 2015 Western Regional Meeting, with a beginning date of 01/29/15, has been reviewed and is acceptable for up to 16.75 Prescribed credits by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA/AAFP Equivalency: AAFP Prescribed credit is accepted by the American Medical Association as equivalent to AMA PRA Category 1 credit(s) toward the AMA Physician’s Recognition Award. When applying for the AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1.

An Electronic Credit Request/Evaluation Survey Will Be Emailed To You After The Program. This electronic survey will allow you to provide your evaluation of this educational activity in addition to requesting AMA PRA, Prescribed credit earned must be reported as Prescribed, not as Category 1. You will receive the link and instructions in your Email Inbox on Monday, February 2, 2015. If you do not receive your link to the evaluation in your email inbox, please contact us at admin@afmr.org. Original certificates for this conference may be claimed until February 28, 2015. Duplicate certificates are available at any time.

We would also like to thank the following for reviewing the abstracts and to the Lead Reviewer’s for organizing the sessions:

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<td>Margaret Adam</td>
<td>Ravi Durvasula</td>
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<td>Kathy Angkutsiri</td>
<td>Echezona Ezeanolue</td>
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<td>Jorge Artaza</td>
<td>Joshua Goldhaber</td>
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<td>Edward Auyang</td>
<td>Meredith Greene</td>
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<td>Michel Baudry</td>
<td>Subhas Gupta</td>
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<td>Laura Brown</td>
<td>Emil Heinze</td>
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<tr>
<td>Fred Buckner</td>
<td>Josepht Ix</td>
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<td>Kara Calkins</td>
<td>Kenneth Izuora</td>
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<td>Marie-Francois Chesselet</td>
<td>Lisa Joss-Moore</td>
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<td>Michel Chonchol</td>
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<td>Keith Colburn</td>
<td>Russell Klein</td>
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<td>Lloyd Damon</td>
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<td>Samrat Das</td>
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<td>Ian De Boer</td>
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<td>Thomas Deloughery</td>
<td>Vedang Londehe</td>
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<td>Laurel Desnick</td>
<td>Philippe Montgrain</td>
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<td>Sarah Dugan</td>
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<td>W. Conrad Liles</td>
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<td>Philippe Montgrain</td>
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<td>Jorge Nieva</td>
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2015 Western Regional Meeting Award Winners

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<td>Elizabeth Auld</td>
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<tr>
<td>Joshua Benjamin</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<tr>
<td>Serhiy Chumachenko</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<tr>
<td>Nasim Daoud</td>
<td>WSCI Travel Award Winner</td>
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<tr>
<td>Alanna De Mello</td>
<td>WAFMR/WAP Student Subspecialty Award Winner</td>
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<td>Nicole Duster</td>
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<td>WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award Winner</td>
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<td>Csnilla Felsen</td>
<td>E.E. Osgood Award Winner</td>
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<td>Kazumichi Fujiooka</td>
<td>WSPR Mead Johnson Travel Award Winner</td>
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<td>Nicole Goldhaber</td>
<td>WSCI Travel Award Winner</td>
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<th>Name</th>
<th>University/Organization</th>
<th>Award</th>
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<tbody>
<tr>
<td>Amir Goldkorn</td>
<td>University of Southern California</td>
<td>WAFMR Outstanding Investigator Award Winner</td>
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<td>Natalia Gomez-Ospina</td>
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<td>Abhinav Gupta</td>
<td>The University of Colorado, Anschutz</td>
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<td>Josiah Hanson</td>
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<td>Elizabeth Wadhwa</td>
<td>Stanford University</td>
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SPECIALTY CLUB ANNOUNCEMENTS
Friday, January 30, 2015

DYSMORPHOLOGY CLUB
6:15 PM – 7:15 PM
Rehearsal Room – Sunset Center
Genetic Unknowns and Rare Knowns

Contact person: Joseph Shieh, and Jon Bernstein

WESTERN PERINATAL CLUB
Sponsored by the Perinatal Sections of AAP Districts VIII and IX
and The California Association of Neonatologists LaPlaya Carmel Hotel
6:30 PM – Reception
7:00 PM
Perinatal Briefing
EPGENETICS-WHERE GENES AND ENVIRONMENT MEET
Featured Speaker: Judith G. Hall, OC, MD, FRSC, FCAHS UBC & Children’s and Women’s Health Centre of British Columbia
Supported by Mead Johnson Nutrition

WESTERN ASSOCIATION OF PHYSICIANS
AGING: EMERGING INSIGHTS
Thursday, January 29, 2015
9:00 AM – 11:30 AM
Studio 105, Sunset Center

John Kane and Ravi Durvasula, Presiding

9:00 UNDERSTANDING AND REVERSING THE AGING OF TISSUE STEM CELLS.
Irina Conboy, University of California, Berkeley
9:45 AGING & CHRONIC DISEASES - A VIEW FROM THE AGING SIDE
Brian Kennedy, The Buck Institute
10:30 BREAK
10:45 AGING, METABOLISM AND EPIGENETICS.
Eric Verdin, The Gladstone Institute, University of California, San Francisco
11:30 ADJOURN
11:35 WAP BUSINESS MEETING

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INVESTIGATOR WORKSHOP

Thursday, January 29, 2015
11:30 AM – 12:30 PM

The American Federation for Medical Research and the Tri-Societies are pleased to sponsor a workshop for Fellows and Junior Faculty. Lunch will be provided.

Making the Most of Your Mentor
Ellen Schur, MD, MS
University of Washington, Harborview Medical Center

Sunset Center – Green Room

CONCURRENT SESSIONS

Thursday, January 29, 2015
12:30 PM – 2:30 PM

Jointly sponsored by
WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Cardiovascular I .................................................................Promenade Lobby
Endocrinology and Metabolism I .............................................Bingham #3
Health Care Research I ......................................................Babcock #6
Immunology and Rheumatology I ..........................................Chapman #4
Infectious Diseases I ..........................................................Conductor’s Room
Neonatal Pulmonary I ..........................................................Rehearsal Room
Neonatology – General I ......................................................Studio 105

Cardiovascular I
Promenade Lobby (Sunset Center)
Kevin O’Brien, Presiding

12:30 MEDICATION THERAPY AT DISCHARGE FOR PATIENTS HOSPITALIZED WITH ACUTE MYOCARDIAL INFARCTION.
E Bulley, A Cypro, D Bechtold, G Salvatierra and K Daratha, Seattle, WA and Spokane, WA. University of Washington (WSMRF) Abstract 1

12:45 DYNAMICAL MODEL OF OSCILLATORY GENE EXPRESSION IN BMP-4/9 VASCULAR ENDOTHELIAL CELL NETWORK.
D Yazdi, P Guihard, K Bostrom and A Garfinkel, Westwood, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF) Abstract 2

1:00 THE RELEVANCE OF DONOR SPECIFIC ANTI-HLA ANTIBODIES LATE AFTER HEART TRANSPLANTATION.
A Fong, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center Abstract 3

1:15 HISTONE DEACETYLASE INHIBITION ABROGATES HYPOXIA-INDUCED RIGHT VENTRICULAR HYPERTROPHY.
S Payne, W Blakeslee, K Demos-Davies, CS Long, TA McKinsey and S Miyamoto, Aurora, CO and Denver, CO. University of Colorado Denver School of Medicine (WSMRF) Abstract 4

1:30 DOES THE DEVELOPMENT OF BW4 AND BW6 ANTIBODIES CONFER POORER OUTCOMES IN HEART TRANSPLANT PATIENTS?
N Assad, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center Abstract 5

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1:45 THE ROLE OF HYPOTHERMIA AND CORONARY REPERFUSION IN MAXIMIZING NEUROLOGICALLY INTACT SURVIVAL AFTER CARDIAC ARREST. C Ellingson and KB Kern, Tucson, AZ. University of Arizona College of Medicine

2:00 CYLEX FAILS TO IMPROVE PREDICTIVE VALUE OF ALLOMAP FOR CARDIAC ALLOGRAFT REJECTION. M Liu, T Aintablian, F Liu, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

2:15 THE LEFT GREATER SAPHENOUS VEIN IS THE PREFERRED CONDUIT FOR CORONARY ARTERY BYPASS GRAFTING. L Uhr, M Chen, JJ Wu, S Johnstone, J Chen and J Lee, Boston, MA and Honolulu, HI. Massachusetts Institute of Technology

2:30 pm – 3:30 pm Break and Poster Session

Endocrinology and Metabolism I
Bingham Room #3 (Sunset Center)
Joshua Thaler and Stephanie T. Page, Presiding

12:30 State-of-the-Art Speaker

1:00 DIMINISHED EXPRESSION OF CD40 BY ADIPOSE TISSUE MACROPHAGE CORRELATES WITH BODY FAT IN HEALTHY NON-OBESE MEN. JH Chao, ST Page, D Hagman, M Kratz and KB Rubinow, Seattle, WA. University of Washington (WAFMR)

1:15 EFFECTS OF MATERNAL ZINC DEFICIENCY ON OFFSPRING SATIETY, GLUCOSE HOMEOSTASIS AND GROWTH. JA Tzeng, AF Philippis and B Lonnerdal, Davis, CA and Sacramento, CA. University of California Davis

1:30 HDL-MEDIATED ENOS ACTIVATION FALLS BEFORE THE ONSET OF T2DM IN OBESE NON-HUMAN PRIMATES. E Couzens and F Kim, Loma Linda, CA and Seattle, WA. Loma Linda University

1:45 TRIGLYCERIDE HYPTERTOLERANCE IN PATIENTS ON PARENTERAL NUTRITION. DT O’Keeffe, S Maraka, EM Nystrom, M McMahon and JM Miles, Rochester, MN. Mayo Clinic

2:00 ENDOTHELIAL DYSFUNCTION IN TYPE 1 DIABETIC ADOLESCENTS. S Hegemann, A West, G Coe, M Cree-Green and K Nadeau, Aurora, CO. University of Colorado Denver

2:15 ASSOCIATION OF PASSIVE AND ACTIVE SMOKING WITH PREDIABETES RISK IN A PREDOMINANTLY HISPANIC POPULATION. AS Manshad, JE Camacho, JR Bucheli and MR Burge, Albuquerque, NM and Albuquerque, NM. University of New Mexico Health Science Center

Health Care Research I
Babcock #6 (Sunset Center)
Laurel Desnick and Toby Keys, Presiding

12:30 ACCURACY OF EMS FIELD INFORMATION RELATED TO PRE-EXISTING CHRONIC HEALTH CONDITIONS AND MEDICATION TREATMENT IN OUT-OF-HOSPITAL CARDIAC ARREST. AA Foster, V Florea, C Fahrenheitbruch, J Blackwood and T Rea, Seattle, WA. University of Washington (WSMRF)

12:45 ADHERENCE AND PERSISTENCE TO STATIN THERAPY IN A VETERAN POPULATION. K Morotti, J Lopez, M Harvey, V Vaupel, A Swisloki and D Siegel, Martinez, CA; Reno, NV and Sacramento, CA. VANCHCS (WSCI Travel Award Winner)

1:00 RISK FACTORS FOR POSTPARTUM READMISSION FOR HYPERTENSIVE DISORDERS AT A TERTIARY HOSPITAL CENTER. K Thomas, J Lai, S Walker and T Benedetti, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner (WSMRF)

1:15 DIAGNOSTIC AGREEMENT AMONG PATHOLOGISTS ASSESSING FLAT EPITHELIAL ATYPIA ON BREAST BIOPSY SPECIMENS. L Samples, M Rendi, D Weaver, P Frederick, T Morgan and J Elmore, Seattle, WA and Burlington, VT. University of Washington

1:30 POST IMPLEMENTATION EVALUATION OF TELEDERMATOLOGY IN A VA MEDICAL CENTER. MM Roman and M Chiu, Loma Linda, CA and Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

1:45 CARDIAC SCREENING IN HIGH SCHOOL ATHLETES: THE IMPACT OF EXERCISE LEVEL ON SYMPTOM RESPONSE RATES. A Haruta, M Zigman and J Drozner, Seattle, WA. University of Washington (WSMRF)

2:00 CROWD SOURCED ASSESSMENT OF TECHNICAL SKILLS (CSATS): A SCALABLE ASSESSMENT TOOL FOR THE NURSING WORKFORCE. S Kirsch, B Comstock, J Warren, C Schaffhausen, T Kowalewski and T Lendvay, Seattle, WA and Minneapolis, MN. University of Washington (WSMRF)
2:15 MYMEDS: EVALUATING PATIENT AND PROVIDER PERSPECTIVES ON INTEGRATED CLINICAL PHARMACY SERVICES.
S Lonowski, C Mangione, J Chon, J Fu and G Moreno, Los Angeles, CA. University of California, Los Angeles

2:30 pm – 3:30 pm Break and Poster Session

Immunology and Rheumatology I

Chapman #4 (Sunset Center)
Keith Colburn and Emil Heinze, Presiding

12:30 DO POST-TRANSCRIPTIONAL ELEMENTS CONTROLLING NLRP3 MRNA STABILITY DICTATE INFLAMMATION?
SN Varela and S Ram, Seattle, WA. University of Washington (WSMRF)

12:45 IGM-MEDIATED PHAGOCYTOSIS OF STAPHYLOCOCCUS AUREUS IN MICROGLIA IS DEPENDENT ON COMPLEMENT RECEPTOR 3, BUT NOT COMPLEMENT FACTOR 3.
JF Hanson, Y Quan, L Colonna, T Moller and JR Weinstein, Seattle, WA. University of Washington
(WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

1:00 TARGETING CANCER WITH LUPUS AUTOANTIBODIES.
James E. Hansen, Yale University

1:30 ENGINEERING OF DENDRITIC CELLS FOR STIMULATING GUT-HOMING IMMUNE CELLS.
C Chan, C Li, DJ Baylink, Y Xu, MH Walter, KW Lau, X Qin, E Carreon Berumen and X Tang,
Loma Linda, CA. Loma Linda University
(WAFMR/WAP Student Subspecialty Award Winner)

1:45 ABSENCE OF CCL3 COMPROMISES RESOLUTION OF EXPERIMENTAL OTITIS MEDIA AND IMPAIRS HOST DEFENSE OF THE MIDDLE EAR.
Bk Nuyen, D Deneffel, K Pak and A Ryan, La Jolla, CA. University of California, San Diego School of Medicine

2:00 CHARACTERIZING THE ROLE OF THE ALTERNATIVE COMPLEMENT PATHWAY IN VASCULAR REGRESSION IN A MOUSE MODEL OF RETINOPATHY.
D Diaz Aguilar, C Kim, H Sweigard and K Connor, Los Angeles, CA and Boston, MA.
UCLA

2:15 SURFACE APRIL IS ELEVATED ON MYELOID CELLS AND IS ASSOCIATED WITH DISEASE ACTIVITY IN RHEUMATOID ARTHRITIS PATIENTS.
Loma Linda University
(WSCI Travel Award Winner)

Infectious Diseases I

Conductor's Room
Ravi Durvasula, Fred Buckner and David Gilbert, Presiding

12:30 PRECLINICAL DEVELOPMENT OF NOVEL ANTIBIOTICS AGAINST GRAM POSITIVE BACTERIA.
N Duster, S Creason, R Ranade, E Fan, Z Zhang and F Buckner, Seattle, WA. University of Washington
(WAFMR/WAP Student Subspecialty Award Winner)

12:45 THE SAE VIRULENCE SYSTEM PROMOTES INTERFERON-GAMMA TO ENHANCE STAPHYLOCOCCUS AUREUS SKIN DISEASE IN AN INTERLEUKIN-17 DEPENDENT MANNER.
C Addison, F Guerra, R Watkins and J Voyich, Seattle, WA and Bozeman, MT.
University of Washington (WSMRF)

1:00 PROCALCITONIN MEASUREMENTS IN COCCIDIOIDOMYCOSIS.
R Chahal, L Nesbit, C Strawter, E Oren, K Song and K Knox, Tucson, AZ.
University of Arizona College of Medicine

1:15 OPTIMIZING CHITOSAN NANOPARTICLES FOR THE TREATMENT OF SEPSIS.
CJ Stevick, A Crofton and W Kirsch, Loma Linda, CA. Loma Linda University

1:30 SOCIO-ECONOMIC, CLINICAL, AND BEHAVIORAL FACTORS ASSOCIATED WITH STUDY RETENTION AMONG TUBERCULOSIS PATIENTS IN BOTSWANA.
J Billings, L Allan-Blitz, M Ogopote, O Fan, C Modongo, SS Shin, J Klausner and N Zetola,
Los Angeles, CA; Gabarone, Botswana and Philadelphia, PA. David Geffen School of Medicine at UCLA

1:45 FACTORS THAT INFLUENCE MYCOBACTERIUM TUBERCULOSIS CULTURE RESULTS IN PATIENTS DIAGNOSED WITH TUBERCULOSIS.
L Allan-Blitz, M Ogopote, J Billings, O Fan, C Modongo, SS Shin, J Klausner and N Zetola,
Los Angeles, CA; Gabarone, Botswana and Philadelphia, PA. David Geffen School of Medicine at UCLA

2:00 DEMAND FOR ACUTE HIV TESTING IN HIGH-RISK MEN WHO HAVE SEX WITH MEN AND TRANSGENDER WOMEN IN LIMA, PERU.
G Wandell, Y Molina, H Sanchez, AC Greer, C Bain, J Rios, P Segura, J Lama, J Sanchez and A Duerr,
Seattle, WA and Lima, Peru. University of Washington (WSMRF)

2:15 EFFECT OF COPING STYLE ON LINKAGE TO CARE AND MENTAL HEALTH AMONG NEWLY DIAGNOSED HIV-INFECTED MEN WHO HAVE SEX WITH MEN AND TRANSGENDER WOMEN IN LIMA, PERU.
AC Greer, Y Molina, G Wandell, H Sanchez, C Bain, K Konda, M Villaran, J Lama and A Duerr,
Seattle, WA; Lima, Peru and Los Angeles, CA. University of Washington

2:30 pm – 3:30 pm Break and Poster Session
Neonatal Pulmonary I
Rehearsal Room (Sunset Center)
Arlin Blood and Clyde Wright, Presiding

12:30 PROTEIN ABUNDANCE AND PHOSPHORYLATION LEVEL OF VASODILATOR-STIMULATED PHOSPHOPROTEIN ARE AFFECTED BY VENTILATION MODE IN PRETERM LAMBS.
M Yoshigi, ZM Wang, K Yasuda, MJ Dahl and K Albertine, Salt Lake City, UT. University of Utah

12:45 ELEVATED IGF-1 LEADS TO ALVEOLAR SIMPLIFICATION IN THE LUNG AT 3 DAYS OF VENTILATION OF PRETERM LAMBS.
MJ Dahl, C Bradford, K Summers, L Dong, ZM Wang, BA Yoder, DM Null and K Albertine, Salt Lake City, UT. University of Utah (WSPR)

1:00 PERINATAL NICOTINE EXPOSURE'S EFFECTS ON LUNG FIBROBLAST DIFFERENTIATION ARE EPIGENETICALLY MEDIATED.
M Gong, A Corre, N Murthy, R Sakurai and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center

1:15 ACTIVATION OF L-TYPE CALCIUM CHANNELS INFLUENCES CALCIUM WAVES AFTER LONG-TERM HYPOXIA AND MATURATION.
C Shen, M Romero, A Brunelle, A Dobyns, M Francis, M Taylor, LD Longo, CG Wilson and SM Wilson, Loma Linda, CA and Mobile, AL. Loma Linda University (WSMRF)

1:30 MATERNAL TOBACCO SMOKE EXPOSURE ALTERS DEVELOPMENTALLY REGULATED ELASTIN ALTERNATIVE SPlicing IN THE LUNG OF RAT PUPS.
AO Saitz, C Zhou, J Zhao, Y Wang, K Albertine and L Joss-Moore, Salt Lake City, UT. University of Utah (Abbott Subspecialty Award) (WAFMR)

1:45 PERINATAL NICOTINE EXPOSURE DISRUPTS PARACRINE COMMUNICATION BETWEEN BONE MARROW-DERIVED MESENCHYMAL STEM CELLS AND ALVEOLAR TYPE II CELLS TRANSGENERATIONALLY.
M Gong, J Liu, T Chou, R Sakurai and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center

2:00 LIMITED POSTNATAL FEEDING REDUCES THE PPARy-SETD8-H4K20ME1-WNT PATHWAY IN THE LUNG OF PRETERM LAMBS.

2:15 THE EFFECT OF ACUTE HYPOXIA ON RYR ACTIVITY IN HIGH ALTITUDE ACCLIMATIZED FETAL AND ADULT SHEEP.
T Yoo, M Romero, J Puglisi, DM Bers, L Izu, LD Longo and SM Wilson, Loma Linda, CA and Davis, CA. Loma Linda University School of Medicine

Neonatology - General I
Studio 105 (Sunset Center)
Henry Lee and Carlos Ramos, Presiding

12:30 CHORIOAMNIONITIS: OUTCOMES OF ASYMPTOMATIC LATE PRETERM AND TERM NEONATES WITH NON-Routine USE OF EMPIRIC ANTIBIOTICS.
A Jan, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center

12:45 IMPACT OF STANDARDIZED COMMUNICATION TECHNIQUES ON ERRORS DURING SIMULATED NEONATAL RESUSCITATION.
NK Yamada, JH Fuerch and LP Halamek, Palo Alto, CA. Lucile Packard Children's Hospital at Stanford (WSPR)

1:00 THE INCIDENCE OF CEREBELLAR HEMORRHAGE IN EXTREMELY LOW BIRTH WEIGHT INFANTS.
L Kim, M Shiroshi, S Cen, A Prosper, R Erickson, D Liu, O Boyko, L Vachon and R Cayabyab, Los Angeles, CA. University of Southern California

1:15 HISTOLOGIC CHORIOAMNIONITIS ASSOCIATED WITH ANTIBIOTIC TREATMENT IN ASYMPTOMATIC LATE PRETERM AND TERM NEONATES.
A Jan, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center

1:30 SURVIVAL AND MORBIDITY IN INFANTS LESS THAN 500 GRAMS- A SINGLE CENTER EXPERIENCE.
OP Jha, M Biniwale, R Ramanathan and L Barton, Los Angeles, CA. LAC+USC Medical Center

1:45 IMPROVING DIAGNOSTIC ACCURACY & EFFICIENCY BY OPTIMIZATION OF BEDSIDE DATA DISPLAY.
J Fuerch, NK Yamada and LP Halamek, Palo Alto, CA. Lucile Packard Children's Hospital at Stanford

2:00 PALLIATIVE CARE FOR CRITICALLY ILL PREMATURE INFANTS: PROVIDERS' TRAINING, PERSPECTIVES, AND PRACTICES IN INTENSIVE CARE NURSERIES IN VIETNAM.
A Quach, HT Tran and JC Partridge, San Francisco, CA and Hanoi, Viet Nam. University of California, San Francisco (WSMRF)

2:15 COST AWARENESS AMONG PHYSICIANS IN THE NEONATAL INTENSIVE CARE UNIT.
CL Osman, D Wei, A Lakshmanan, P Friedrich, S Chin, D Dukhovny and J Romley, Los Angeles, CA; Oakland, CA and Boston, MA. Children's Hospital Los Angeles / LAC+USC Medical Center

2:30 pm – 3:30 pm Break and Poster Session
POSTER SESSION I

Jointly sponsored by
WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Carpenter Hall
Thursday, January 29, 2015
12:30 PM – 5:30 PM

(Presenters in attendance from 2:30 pm to 3:30 pm)

Cardiovascular
Community Health
Endocrinology and Metabolism
General Internal Medicine and Aging

Poster Number

Cardiovascular

1 PEDIATRIC SWEET SYNDROME AND PULMONARY HYPERTENSION: A CASE REPORT.
B Castellanos and A Chang, New Orleans, LA and Orange, CA. Louisiana State University
Abstract 53

2 CHANGE IN WEIGHT POST-TOTAL ARTIFICIAL HEART: IMPACT ON OUTCOME?
F Kim, F Liou, J Yabuno, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center
Abstract 54

3 KAWASAKI DISEASE WITH ARTHRITIS IN AN 8 YEAR OLD GIRL.
R Zia and R Shah, Las Vegas, NV. University of Nevada School of Medicine
Abstract 55

Community Health

4 BEAUTY IS IN THE EYE OF THE BEHOLDER: BODY SELF-IMAGE PERCEPTIONS OF URBAN HIGH SCHOOL STUDENTS.
A Amaral, J Avila, M Andrade, B Ordonez and R Kinman, Fresno, CA and Madera, CA.
Fresno High School
Abstract 56

5 MAINTAINING INDEPENDENCE IN REXBURG IDAHO HOMEBOUND PATIENTS.
J Bell, Seattle, WA. University of Washington
Abstract 57

6 WALKING CHEWELAH TO BETTER HEALTH: INCREASING THE PHYSICAL ACTIVITY OF WOMEN IN CHEWELAH, WA THROUGH THE ORGANIZATION OF A WOMAN’S WALKING CLUB.
L Coates, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 58

7 EFFECTIVENESS OF EARLY EXPOSURE TO HANDS-ON DA VINCI ROBOTICS AND SUTURING SIMULATIONS IN A PREMEDICAL SUMMER PROGRAM.
AJ Garcia, B Hwee, V Yacobian, T Vashist, S Zarinafar, P Jennings, T Yousuf and B Afghani, Irvine, CA and LA, CA. University of California Irvine School of Medicine
Abstract 59

8 IMPLEMENTING A NEEDLE EXCHANGE PROGRAM IN BILLINGS, MONTANA.
M Kennelly, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 60

9 TEACHING SEXUAL AND REPRODUCTIVE HEALTH THROUGH PEER EDUCATION.
C Ma, Seattle, WA. Wayne State University (WSMRF)
Abstract 61

10 DEVELOPING A COORDINATED NETWORK OF ADDICTION RECOVERY SERVICES FOR PREGNANT WOMEN IN JUNEAU, ALASKA.
K Jorgenson, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 62

11 THE IMPACT OF MATERNAL AGE AT MARRIAGE ON MALNUTRITION OF HOSPITALIZED CHILDREN IN DHAKA, BANGLADESH.
D Huynh, T Bleakly, S Kache and MJ Chisti, Stanford, CA and Dhaka, Bangladesh.
Stanford University School of Medicine (WSMRF)
Abstract 63
15 LGBT HEALTH ISSUES IMMERSION DAY: MEASURING THE IMPACT OF AN LGBT HEALTH EDUCATION INTERVENTION.
Nuyen, R, Scholz, R, Hernandez, N, and Graff, L. La Jolla, CA. University of California, San Diego School of Medicine
Abstract 67

16 HEALTH INSURANCE FOR THE UNINSURED IN TWIN FALLS, IDAHO.
Potts, D. Seattle, WA. University of Washington
Abstract 68

17 HEALTHY EATING MADE EASY: BILINGUAL MEAL GUIDES SPECIALIZED FOR LOW INCOME FAMILIES.
Rieck, C. Seattle, WA. University of Washington (WSMRF)
Abstract 69

18 DEVELOPING A PATHWAY TO PRIMARY HEALTHCARE AND ACUTE SERVICES FOR INTRAVENOUS DRUG USERS IN A RURAL COMMUNITY.
Smith, R. Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 70

19 FEASIBILITY OF USING VERBAL AUTOPSY TO ASSESS CAUSES OF INFANT DEATH IN ENUGU NIGERIA.
Ugwu, C. and Ezeanolue, A. Tucson, AZ and Las Vegas, NV. University of Arizona
Abstract 71

20 INCREASING PEDESTRIAN SAFETY ON MAIN STREET/HIGHWAY 287 IN ENNIS, MONTANA WITH RECTANGULAR RAPID FLASH BEACONS AND ADVANCED WARNING SIGNS.
Wilson, I. Seattle, WA. University of Washington (WSMRF)
Abstract 72

20A PATIENT CHARACTERISTICS ASSOCIATED WITH PSYCHOLOGICAL SAFETY AMONG RHEUMATOLOGY FELLOWS: FINDINGS FROM VETERANS AFFAIRS LEARNERS’ PERCEPTION SURVEY. 
Cancelled
Nguyen, C. Torralba, J. Gamboa, G. Cannon, S. Baz, and M. Kashner. Fontana, CA. Loma Linda University Medical Center
Abstract 72A

21 HEMATURIA AS A PRESENTING SYMPTOM IN NEW ONSET DIABETIC KETOACIDOSIS.
Camacho, J. Wong, C. and Agarwal, H. Albuquerque, NM. University of New Mexico
Abstract 73

22 SUMATRIPTAN RESULTING IN TRANSIENT LACTIC ACIDOSIS.
Andrews, R. Showers, J. and Jernigan, J. Albuquerque, NM. University of New Mexico
Abstract 74

23 DESIGNING A PALLIATIVE MEDICINE COURSE FOR FIRST YEAR WWAMI STUDENTS.
Wilson, D. Seattle, WA. University of Washington (WSMRF)
Abstract 75

24 SEVERE OSTEOARTHRITIS ASSOCIATED WITH EARLY ONSET MENOPAUSE.
Hughbanks, M. E. Burgers-Van der Walt, A. Aurora, CO. University of Colorado School of Medicine (WSMRF)
Abstract 76

24A VOCAL CORD PARALYSIS AND CRICOARYTENOIDITIS IN AN ELDERLY WOMAN WITH ANTI-DSDNA AND CCP ANTIBODIES.
Ngo, M. and Torralba, K. Loma Linda, CA. Loma Linda University
Abstract 76A

CONCURRENT SESSIONS
Thursday, January 29, 2015
3:30 PM – 6:00 PM

Jointly sponsored by
WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Behavior and Development I .................................. Babcock #6
Cardiovascular II .................................................. Promenade Lobby
Global Health ....................................................... Conductor’s Room
Hematology and Oncology I ................................... Green Room
Neonatal Pulmonary II ........................................ Rehearsal Room
Neuroscience I ...................................................... Chapman #4
Pulmonary and Critical Care I ................................ Studio 105
Surgery I ............................................................. Bingham Room #3

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Behavior and Development I
Babcock #6 (Sunset Center)
Kathy Angkustsiri and Nicole Tartaglia, Presiding

3:30 WITHDREW

3:45 THE ASSOCIATION OF MATERNAL TOUCH WITH INFANT AFFECT AND COGNITION AT 4 AND 9 MONTHS OF AGE.
CA Brooks, O Myers, C Aragon, J Phillips, A Caprihan and J Lowe, Albuquerque, NM. Abstract 78

4:00 ADDRESSING BARRIERS TO EARLY SCREENING, DIAGNOSIS AND TREATMENT OF AUTISM SPECTRUM DISORDER IN LATINO CHILDREN.
L Gist and S Gahagan, San Diego, CA. University of California San Diego Abstract 79

4:15 PREDICTIVE VALIDITY OF SOCIAL ENGAGEMENT AND ATYPICAL BEHAVIOR SCORES ON THE SCREENING TOOL FOR AUTISM IN TODDLERS.
B Duffy, L Ibanez and W Stone, Seattle, WA. University of Washington (WSMRF) Abstract 80

4:30 THINKING OUTSIDE THE BRAIN: MATERNAL AUTOANTIBODIES IN AUTISM.
Judy van de Water, University of California, Davis

Cardiovascular II
Promenade Lobby (Sunset Center)
Michele Hamilton, Presiding

3:30 FAMILIES IN MOTION: AN INTERVENTION TO REDUCE CHILDREN'S SCREEN TIME AND PROMOTE PHYSICAL ACTIVITY THROUGH A WIC CLINIC-BASED EDUCATIONAL PROGRAM IN MONTPELIER, IDAHO.
KL Erley, Seattle, WA. University of Washington (WSMRF) Abstract 84

3:45 DEVELOPMENT OF A COMMUNITY-BASED EDUCATIONAL PROGRAM ON HYPERTENSION.
CA Harrington, Seattle, WA. University of Washington School of Medicine (WSMRF) Abstract 85

4:00 THE IMPACT OF BUILDING HEIGHT AND VOLUME ON CARDIAC ARREST RESPONSE TIME.
AB Conway, Seattle, WA. University of Washington School of Medicine (WSMRF) Abstract 86

4:15 ANTIBODY PRODUCTION DOES NOT APPEAR TO BE IMPORTANT IN TAH PATIENTS DESPITE MORE BLOOD TRANSFUSIONS.
T Aintablian, F Liou, M Luu, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center Abstract 87

4:30 INCIDENCE OF POST-CONTRAST ACUTE KIDNEY INJURY IN SUDDEN CARDIAC DEATH SURVIVORS.

4:45 BENEFIT OF RENAL SPARING PROTOCOL ACROSS TIME POST HEART TRANSPLANTATION.
P Patel, P Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center Abstract 89

5:00 THE TIME COURSE OF ANTI-HLA ANTIBODY DEVELOPMENT FOLLOWING HEART TRANSPLANTATION.
R Shiozaki, P Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center Abstract 90

5:15 PREVALENCE OF OBSTRUCTIVE SLEEP APSNEA IN CHILDREN WITH CARDIOMYOPATHY AND CONGENITAL STRUCTURAL HEART DISEASE.
HN Truong, ML Chen, J Eufi and YM Law, Seattle, WA. University of Washington School of Medicine (WSMRF) Abstract 91

Global Health
Conductor's Room
Meghan Johnston and Tom Nighswander, Presiding

3:30 CERVICAL CANCER PREVENTION SCREENING IN EL SALVADOR: AN ANALYSIS OF PATHOLOGY RESULTS OF VIA POSITIVE PATIENTS SCREENED BY A TRAINED GENERAL PRACTITIONER.
SM Loredo and I Addis, Tucson, AZ. University of Arizona Abstract 92
3:45 INCREASING EDUCATION ABOUT DIABETES AMONG COMMUNITY HEALTH WORKERS IN NAIVASHA, KENYA.
N Lee, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 93

4:00 ADVANCING AWARENESS OF DIABETES IN NEPAL THROUGH COMMUNITY EDUCATION.
EYount, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 94

4:15 PREVALENCE OF ANEMIA IN INDIAN WOMEN GIVING BIRTH - A CROSS SECTIONAL STUDY.
C Kaeppler, M Kaeppler and B Fassl, Salt Lake City, UT. University of Utah (WSCI Travel Award Winner)
Abstract 95

4:30 ASSESSMENT OF MALARIA TREATMENT AND PATIENT KNOWLEDGE IN THE GBEKÉ REGION OF CÔTE D'IVOIRE.
AE Kilgore, Spokane, WA. University of Washington School of Medicine (WSMRF)
Abstract 96

4:45 INCREASING HYGIENE AWARENESS TO REDUCE HOSPITAL ACQUIRED INFECTIONS AT THE UGANDA CANCER INSTITUTE.
R Enes, Seattle, WA and Kampala, Uganda. University of Washington (WSMRF)
Abstract 97

5:00 EVALUATION OF A NEWBORN HOME VISITATION PROGRAM IN KENYA.
KK Sheak, M Baca, Z Hillman and A Tomedi, Albuquerque, NM. University of New Mexico
Abstract 98

5:15 Moved to Poster

5:30 THE ASSOCIATION BETWEEN SCHOOL ATTENDED AND NUTRITIONAL STATUS IN SCHOOLCHILDREN IN SOROTI, UGANDA.
VM, N O'Hara, D Duffy, E Skargard and S Innis, Vancouver, BC, Canada. University of British Columbia (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 100

Hematology and Oncology I
Green Room (Sunset Center)
Thomas Deloughery and Miriam Schwarz, Presiding

3:30 AN OPTIMIZED LUPUS AUTOANTIBODY FRAGMENT FOR TARGETED THERAPY OF DNA REPAIR-DEFICIENT MALIGNANCIES.
P Noble, G Chan, M Young, R Weisbart and JE Hansen, New Haven, CT and Sepulveda, CA. Yale School of Medicine
Abstract 101

3:45 CHARACTERIZATION OF AN AGGRESSIVE TYPE OF MURINE BASAL CELL CARCINOMAS.
V Tang, J Angelo Dolorito, D Tucker, GW Yang and EH Epstein, Oakland, CA. Children’s Hospital Oakland Research Institute
Abstract 102

4:00 SPECTRUM OF COMMON VARIABLE IMMUNE DEFICIENCY.
HR Hill, N Augustine, J Hansen Rejali, KV Voelkerding and A Kumanovics, Salt Lake City, UT. University of Utah (WSPR)
Abstract 103

J Keane, AT Hunt, EE Ezeanolue, J Kvam, M Pennington and Y Mohamednur, Las Vegas, NV and Carson City, NV. University of Nevada School of Medicine (WSCI Travel Award Winner) (WSPR)
Abstract 104

4:30 ONCOGENIC POTENTIAL OF INTERLEUKIN-17 SIGNALING IN SQUAMOUS CELL CARCINOMA.
W Olcott, M Qin and J Kim, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR)
Abstract 105

4:45 A PRECLINICAL XENOGRAFT MODEL TO IDENTIFY DISEASE MECHANISMS AND THERAPIES FOR CRLF2 B CELL ACUTE LYMPHOBLASTIC LEUKEMIA.
P Shiraz, O Francis, I Baez, K Sacedo-Conception, K Mayaguita, E Ginelli, T Milford, J Fisher, CL Morris, X zhang, R Su and KJ Payne, Loma Linda, CA. Loma Linda University
Abstract 106

5:00 COMPUTED TOMOGRAPHY IMAGING BIOMARKERS PREDICT EPIDERMAL GROWTH FACTOR RECEPTOR TUMOR STATUS AND PROGRESSION FREE SURVIVAL IN PATIENTS WITH NON-SMALL CELL LUNG CANCER.
S Lechner and M Kuo, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 107

5:15 LIVER CANCER INTERNET INFORMATION: AN EVALUATION OF THE USAGE OF INTERNET RESOURCES BY PATIENTS WITH LIVER CANCER AND THE QUALITY OF INFORMATION AVAILABLE ON THE INTERNET.
J McLeod and P Ingledew, Vancouver, BC, Canada. University of British Columbia
Abstract 108

5:30 IMAGING OF INFLAMMATION BY NON-INVASIVE QUANTITATIVE T2-MRI USING IRON OXIDE NANOPARTICLES.
J Montejano, B Hammond, K Huber, V Borges, D Simberg, P Schedin and N Serkova, Denver, CO; Phoenix, AZ and Portland, OR. University of Colorado (WAFMR)
Abstract 109

5:45 CURCUMIN UPTAKE VIA EXOSOMES DECREASES PANCREATIC CANCER CELL VIABILITY.
JC Lynch, PD Leaf, CJ Diaz Osterman and NR Wall, Loma Linda, CA. Loma Linda University
Abstract 110

Neonatal Pulmonary II
Rehearsal Room (Sunset Center)
Arlin Blood and Clyde Wright, Presiding

3:30 CHLORIDE CHANNEL PROTEIN ABUNDANCE IS PERSISTENTLY ELEVATED DURING EVOLUTION OF NEONATAL CHRONIC LUNG DISEASE IN PRETERM LAMBS.
N Brewster, L Deneckere, MJ Dahl, L Dong, ZM Wang, DMNull, BA Yoder, DP Carlton and K Albertine, Salt Lake City, UT; Chicago, UT; Appleton, WI and Atlanta, GA. Midwestern University (WSPR)
Abstract 111
3:45 NEBULIZED 1α,25(OH)2D3: A NOVEL APPROACH AGAINST HYPEROXIA-INDUCED NEONATAL LUNG INJURY.
R Sakurai, S Taylor, M Gong, J Liu and VK Rehan, Torrance, CA. Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center (WSPR)
Abstract 112

4:00 ANTI-INFLAMMATORY EFFECTS OF BUDERSONIDE IN HUMAN FETAL LUNG.
A Barrette, J Roberts and P Ballard, San Francisco, CA and Salt Lake City, UT. University of California San Francisco
Abstract 113

4:15 State-of-the-Art Speaker
PULMONARY HYPERTENSION: TRANSLATING SCIENCE TO DRUG DEVELOPMENT
Robin Steinhorn, University of California Davis Children's Hospital

4:45 NFκB ACTIVATION REGULATES MACROPHAGE DERIVED ET1 EXPRESSION FOLLOWING SYSTEMIC INFLAMMATORY STRESS.
S McKenna, M Gossling and C Wright, Aurora, CO. University of Colorado
Abstract 114

5:00 SEROTONIN SIGNALING IS INCREASED IN A MODEL OF BRONCHOPULMONARY DYSPLASIA AND PULMONARY ARTERIAL HYPERTENSION.
CJ Delaney, C Woods, J Kailley and E Grayck, Denver, CO. University of Colorado (WSPR)
Abstract 115

5:15 BLEOMYIN-INDUCED LUNG INJURY IN MICE EXPRESSING HUMAN CARCINOEMBRYONIC ANTIGEN CELL ADHESION MOLECULE 6.
CJ Chapin, A Barrette, R Gonzalez, L Gonzales and P Ballard, San Francisco, CA and Philadelphia, PA. University of California San Francisco
Abstract 116

5:30 TERMINAL BRONCHIOLES HAVE PERSISTENT MUSCULARIZATION IN THE LUNG OF FORMER PRETERM LAMBS.
J Orchard, H Emerson, MJ Dahl, L Dong, ZM Wang, DM Null, BA Yoder and K Albertine, Salt Lake City, UT. University of Utah (WSPR)
Abstract 117

5:45 PULMONARY ARTERIOLES HAVE PERSISTENT MUSCULARIZATION IN THE LUNG OF FORMER PRETERM LAMBS.
H Emerson, J Orchard, MJ Dahl, L Dong, ZM Wang, DM Null, BA Yoder and K Albertine, Salt Lake City, UT. University of Utah (WSPR)
Abstract 118

Neuroscience I
Chapman #4 (Sunset Center)
Marie-Francois Chesselet, Presiding

3:30 THE EFFECT OF INCREASED 5-HT6 RECEPTOR EXPRESSION IN THE NUCLEUS ACCUMBENS ON COCAINE SELF-ADMINISTRATION.
AW Gibson, M Brodsky, S Nair and J Neumaier, Seattle, WA. University of Washington (WSMRF)
Abstract 119

3:45 CHOLINERGIC MODULATION OF CORTICOSTRIATAL GLUTAMATE RELEASE.
J Brea and N Bamford, Seattle, WA. University of Washington (WSMRF)
Abstract 120

4:00 BLOOD BRAIN BARRIER DISRUPTION AFTER MILD TRAUMATIC BRAIN INJURY IN A CLOSED SKULL MODEL.
M Boyd, HJ Bream and W Banks, Seattle, WA. VA Puget Sound Health Care System (WSMRF)
Abstract 121

4:15 DEVELOPMENT OF A CLOSED SKULL MODEL FOR MILD REPETITIVE TRAUMATIC BRAIN INJURY.
HJ Bream, M Boyd and W Banks, Seattle, WA. University of Washington (WSMRF)
Abstract 122

4:30 DECREASED ACUTE INFLAMMATORY RESPONSE AND MYOGENESIS DURING SKELETAL MUSCLE RELOAD IN THE MOUSE MODEL OF LGMD2A.
J Torres, I Kramerova and M Spencer, Los Angeles, CA. University of California, Los Angeles
Abstract 123

4:45 TEMOZOLOMIDE RECHALLENGE IS AN EFFECTIVE TREATMENT FOR FIRST TUMOR RECURRENT IN PATIENTS WITH Glioblastoma.
A Yu and P Ngheinphi, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 124

5:00 BUILDING A HUMAN CORTEX IN A DISH: A NOVEL TOOL FOR STUDYING NEURODEVELOPMENTAL DISORDERS.
AM Pasca, S Sloan, LE Clarke, Y Tian, K Nguyen, C Kim, J Park, NA O'Rourke, SJ Smith, DH Geschwind, BA Barres and SP Pasca, Palo Alto, CA; Los Angeles, CA and Seoul, Korea (the Republic of). Stanford University (WSCI Travel Award Winner) (WSMRF)
Abstract 125

5:15 ADOLESCENT FEMALES WITH SEVERE SUBSTANCE AND CONDUCT PROBLEMS SHOW HYPOACTIVITY OF THE RETROSPLENIAL CORTICAL REGION OF THE DEFAULT MODE NETWORK.
S Chumachenko, MS Dalwani and JT Sakai, Boulder, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)
Abstract 126

5:30 THE OLIGOCLONAL BANDS IN MULTIPLE SCLEROSIS MAY BE IGG3-IGG1 IMMUNE COMPLEXES.
A Sundet and X Yu, Denver, CO. University of Colorado School of Medicine
Cancelled
Abstract 127

5:45 PROLONGED NEUROINFLAMMATION FOLLOWING A SINGLE CLOSED HEAD INJURY (CHI) IN MICE.
A Blood, C Corser-Jensen and K Heidenreich, Denver, CO and Aurora, CO. University of Colorado School of Medicine (WSMRF)
Abstract 128

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Pulmonary and Critical Care I
Studio 105 (Sunset Center)
Michael Schivo and Jason Y. Adams, Presiding

3:30 GRANULOMATOUS LYMPHOCYTIC INTERSTITIAL LUNG DISEASES (GL-ILD) IN COMMON VARIABLE IMMUNODEFICIENCY.
BT Kuhn and AA Zeki, Sacramento, CA. University of California Davis Medical Center (California Thoracic Society Scholar Winner) 

3:45 ABDOMINAL PAIN IN LUNG TRANSPLANT RECIPIENT WITH CYSTIC FIBROSIS.
S Tokman and M Kleinhenz, San Francisco, CA. University of California, San Francisco (California Thoracic Society Scholar Winner)

4:00 LUNG TRANSPLANTATION FOR PATIENTS WITH TELOMERASE MUTATIONS.
S Tokman, J Singer and S Hays, San Francisco, CA. University of California, San Francisco (California Thoracic Society Scholar Winner)

4:15 TO VALIDATE STANDARD MEASUREMENTS OF LUNG FUNCTION IN A USER-FRIENDLY NOVEL SPIROMETER AND INVESTIGATE THE ACCURACY OF AN EXHALED BREATH GAS SENSOR IN ASTHMAHICS AND NON-ASTHMAHICS. 
LD Tan, C Davis, M Schivo, J Delplanque, A Fung, A Kwan and N Kenyon, Sacramento, CA; Mather, CA and Davis, CA. University of California, Davis

4:30 VALIDATING ALCOHOL SCREENING QUESTIONNAIRES IN THE MEDICAL INTENSIVE CARE UNIT.
S Krala, E Burnham, IS Douglas, M Moss and B Clark, Aurora, CO and Denver, CO. University of Colorado School of Medicine (WSMRF)

4:45 INFLUENCE OF CHRONIC HIPOXIA AND OXIDATIVE STRESS ON CA2+ SPARKS IN PULMONARY ARTERIAL MYOCYTES OF ADULT SHEEP. 
E Moral, M Romero, J Puglisi, DM Bers, L Izu, LD Longo and SM Wilson, Loma Linda, CA and Davis, CA. Loma Linda University

Surgery I
Bingham Room #3 (Sunset Center)
Daniel Doan and Subhas Gupta, Presiding

3:30 THE IMPACT OF THE AFFORDABLE CARE ACT ON PAYOR MIX IN AN ACADEMIC PLASTIC SURGERY CENTER.
E Kutzer, P Lewis and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) 

3:45 HIGHER NUMBER OF OSTEOPHYTES WITH HYPERGLYCEMIA IN A MOUSE MODEL OF OSTEOARTHRITIS. 
MM McNulty, M Duran, W Schroeder, R Clark, A Berry, A Bucknell and K King, Aurora, CO and Denver, CO. University of Colorado School of Medicine (WSMRF)

4:00 MAGNETIC RESONANCE ARTHROGRAPHY AND THE PREVALENCE OF ACETABULAR LABRAL TEARS IN PATIENTS 50 YEARS OF AGE AND OLDER: IS IT REALLY INDICATED? 
R Jayakar, A Merz, B Plotkin, D Wang, L Seeger and S Hame, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

4:15 WHAT IS THE BEST WAY TO TRACK SURGICAL COMPLICATIONS? COMPARING THE NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM VERSUS TRADITIONAL MORBIDITY AND MORTALITY ROUNDS. 
JX Zhang, D Song, J Bedford, D Courtmaneche, M Bucevska and J Arneja, Vancouver, BC, Canada. British Columbia Children’s Hospital (WSMRF)

4:30 THE “JULY EFFECT”: FACT OR FICTION IN A TEACHING HOSPITAL-BASED PLASTIC SURGERY PRACTICE? 
D Korsich, N Biskup, J Dhillon and S Gupta, Loma Linda, CA. Loma Linda University

4:45 PERIORBITAL USES OF A SILK DERIVED BIOLOGICAL SCAFFOLD: A CASE SERIES OF A NEW TECHNIQUE FOR SOFT TISSUE SUSPENSION. 
I Danci, R Ford, J Dhillon and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

5:00 BREAST RECONSTRUCTION REFERRALS, RATES, AND MANAGEMENT FOLLOWING MASTECTOMY. 
S Yang, P Lewis and S Gupta, Loma Linda, CA and Riverside, CA. Loma Linda University School of Medicine

5:15 BIOMECHANICAL ASSESSMENT OF THREE PATELLAR ADVANCEMENT PROCEDURES FOR THE TREATMENT OF PATELLA ALTA. 
K Krughoff, J Shapiro, T Baldini, A Seidl and J Carollo, Denver, CO. University of Colorado

5:30 ADVERSE EVENTS BEFORE AND AFTER THE IMPLEMENTATION OF A MULTIMODAL PERI-OPERATIVE PAIN CONTROL REGIMEN FOR TOTAL KNEE ARTHROPLASTY: A RETROSPECTIVE STUDY. 
A Vezzara, M Nour and R Applegate, Loma Linda, CA. Loma Linda University School of Medicine

5:45 A NOVEL IN VIVO MOUSE MODEL OF POSTOPERATIVE STAPHYLOCOCCUS AUREUS IMPLANT RELATED SPINE INFECTION. 
JE Manegold, AI Stavrakis, AH Loftin, Y Hu, SA Richman, EM Dworsky, AA Scaduto and NM Bernthal, Los Angeles, CA. David Geffen School of Medicine at UCLA

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STUDENT SUBSPECIALTY AWARD POSTER SESSION AND RECEPTION

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WESTERN STUDENT MEDICAL RESEARCH FORUM

Carmel Women’s Club

Thursday, January 29, 2015
6:00 PM – 7:30 PM

Poster Number

25 USING ELECTRONIC METHODS TO CURB IRRESPONSIBLE DRINKING IN BUTTE ADOLESCENTS.
A Aldredge, Seattle, WA. University of Washington School of Medicine (Abbott Subspecialty Award) (WSMRF)

26 EXCESSIVE DAYTIME SLEEPINESS AS AN INDICATOR OF DEPRESSION AMONG HISPANIC AMERICANS.
Bk Nguyen, RS Fox, Vl Malcarne, Sl Wachsman, K Banuelos and GR Sadler, La Jolla, CA and San Diego CA. University of California, San Diego School of Medicine (Abbott Subspecialty Award)

27 DYNAMICAL MODEL OF OSCILLATORY GENE EXPRESSION IN BMP-4/9 VASCULAR ENDOTHELIAL CELL NETWORK.
D Yazdi, P Guihard, K Bostrom and A Garfinkel, Westwood, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

28 THE ASSOCIATION BETWEEN SCHOOL ATTENDED AND NUTRITIONAL STATUS IN SCHOOLCHILDREN IN SOROTI, UGANDA.
Y Ma, N O’Hara, D Duffy, E Skargard and S Inns, Vancouver, BC, Canada. University of British Columbia (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

29 DECREASED MITOCHONDRIAL FUNCTION RELATED TO INSULIN RESISTANCE IN ADOLESCENT GIRLS WITH TYPE 2 DIABETES.
A Gupta, M Cree-Green, G Coe, A West, M Brown, B Newcomer and K Nadeau, Aurora, CO and Birmingham, AL. The University of Colorado, Anschutz (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

30 DERIVATIVES OF NEOAMPHIMEDINE AS TOPOISOMERASE II ALPHA INHIBITORS.
D Rooke, D Lalikbera and W Messersmith, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

31 HIV-INFECTION AND AGING: DOES HIV INFECTION LEAD TO SHORTENED TELOMERES?
E Auld, E Chang, J Lin, E Blackburn and L Huang, Seattle, WA and San Francisco, CA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

32 ASSESSING PENETRANCE OF HEMOCHROMATOSIS IN AN UNSELECTED POPULATION OF C282Y HOMOZYGOTES USING ELECTRONIC MEDICAL RECORDS.
C Shaw, C Gallego, A Burt and GP Jarvik, Seattle, WA. University of Washington School of Medicine (Abbott Subspecialty Award)

33 RISK FACTORS FOR POSTPARTUM READMISSION FOR HYPERTENSIVE DISORDERS AT A TERTIARY HOSPITAL CENTER.
K Thomas, J Lai, S Walker and T Benedetti, Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

34 WITHDRAW

35 IGM-MEDIATED PHAGOCYTOSIS OF STAPHYLOCOCCUS AUREUS IN MICROGLIA IS DEPENDENT ON COMPLEMENT RECEPTOR 3, BUT NOT COMPLEMENT FACTOR 3.
JF Hanson, Y Quan, L Colonna, T Moller and JR Weinstein, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

36 PRECLINICAL DEVELOPMENT OF NOVEL ANTIBIOTICS AGAINST GRAM POSITIVE BACTERIA.
N Duster, S Creason, R Ranade, E Fan, Z Zhang and F Buckner, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

37 IDENTIFICATION OF A CANDIDATE LOCUS AT 8Q21 AMONG INFANTS WITH CONOTRUNCAL HEART DEFECTS.
L Parkman, K Schultz, N Mohammed, C Parodi, K Osogawa, GM Shaw and E Lammer, Oakland, CA and Stanford, CA. UCSF Benioff Children’s Hospital (Abbott Subspecialty Award)

38 MATERNAL TOBACCO SMOKE EXPOSURE ALTERS DEVELOPMENTALLY REGULATED ELASTIN ALTERNATIVE SPLICING IN THE LUNG OF RAT PUPS.
AO Sainz, C Zou, J Zhao, Y Wang, K Albertine and L Joss-Moore, Salt Lake City, UT. University of Utah (Abbott Subspecialty Award) (WAFMR)

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THE EFFECT OF HEMATOCRIT ON IN VITRO BILIRUBIN PHOTOALTERATION UNDER BLUE AND BLUE-GREEN LIGHT.
DT Linfield, E Mei, AY Hwang, HJ Vreman, AA Lamola, RJ Wong and DK Stevenson, Stanford, CA.
Abstract 159

ANTENATAL FACTORS ASSOCIATED WITH CLOSURE OF PATENT DUCTUS ARTERIOSUS IN EXTREMELY LOW BIRTH WEIGHT (ELBW) INFANTS.
P Shastry, S Vaikunth, R Cayabyab and S Bhombal, Los Angeles, CA. USC Division of Neonatal Medicine, LAC+USC Medical Center, Keck School of Medicine, University of Southern California, Los Angeles, CA (Abbott Subspecialty Award).
Abstract 160

EPIDEMIOLOGY OF CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY INJURY IN NEONATES: A PROSPECTIVE COHORT STUDY.
A De Mello, A Campbell, K Lee -Son, M Zappitelli, P Skippen, S Gandhi and C Mamman, Vancouver, BC, Canada and Montreal, QC, Canada. BC Children's Hospital (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 161

TRANSLATION OF SMALL MOLECULES THERAPIES FROM AN INDUCED PLURIPOTENT STEM CELL MODEL OF IDIOPATHIC PULMONARY FIBROSIS TO THE BLEOMYCIN MOUSE MODEL.
E Li, P Vijayaraj and B Gomperts, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 162

THE IMPACT OF THE AFFORDABLE CARE ACT ON PAYOR MIX IN AN ACADEMIC PLASTIC SURGERY CENTER.
E Kutzner, P Lewis and S Gupta, Loma Linda, CA.
Abstract 163

JOINT PLENARY SESSION
OBESITY
WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
Sunset Center Theater
Friday, January 30, 2015
8:00 AM – 11:15 AM

8:00 WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD
DIFFERENTIAL GENE EXPRESSION PROFILING BETWEEN PRIMARY AND METASTATIC CUTANEOUS SQUAMOUS CELL CARCINOMA.
S Rabhi, A Su, S Ra, X Li and S Binder, Los Angeles, CA and San Diego, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 165

8:15 WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD
A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING SPRINTING VERSUS NON-SPRINTING APPROACH TO WEAN NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE SUPPORT IN PREMATURE INFANTS BORN AT < 30 WEEKS GESTATIONAL AGE. N Eze, D Murphy, A Jacinto, Y Pak, M Morris, V Dhar and VK Rehan, Torrance, CA and Orange, CA. Harbor UCLA Medical Center
Abstract 166

8:30 E.E. OSGOOD AWARD
IN VIVO DETECTION OF LOCALIZED PROTEASE UPREGULATION IN MURINE ASTHMA.
C Felten, E Savariar, M Whitney and R Tsen, La Jolla, CA. University of California San Diego (WSMRF)
Abstract 167

8:45 WAFMR OUTSTANDING INVESTIGATOR AWARD
AXIN2 PREDICTS PROSTATE CANCER RECURRENCE AND PROMOTES AN INVASIVE, CANCER STEM-LIKE PHENOTYPE.
B Hu, A Fairey, A Madhav, D Yang, M Li, C Stephens, D Quinn, S Martin, I Gill and A Goldkorn, Los Angeles, CA. University of Southern California (WSCI)
Abstract 168

9:00 WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD DAMAGE CONTROL: TARGETING THE NFκB INHIBITORY PROTEINS IκBα AND IκBβ TO MODULATE THE RESPONSE TO INFLAMMATORY STRESS IN THE DEVELOPING LUNG
Clyde Wright, University of Colorado Denver
Abstract 164
9:30 – 9:45 am Intermission

John Kane and Stephanie Page, Presiding

9:45  WSPR STANLEY WRIGHT MEMORIAL LECTURE
PRADER-WILLI SYNDROME: A GENETIC MODEL OF CHILDHOOD-ONSET OBESITY.
Suzanne Cassidy, University of California, San Francisco

10:15  WAP DISTINGUISHED LECTURESHIP
GENETIC AND EPIGENETIC REGULATION OF AGING.
Anne Brunet, Stanford University

10:45  WSCI MAYO SOLEY AWARD
Presenter: Stephanie Page, University of Washington
Recipient: Christina Wang, Harbor-UCLA

11:00  AWARD PRESENTATIONS
11:15  ADJOURN
11:15  WSPR BUSINESS MEETING
11:15  WSCI BUSINESS MEETING

INVESTIGATOR WORKSHOP

Friday, January 30, 2015
11:30 AM – 12:30 PM

The American Federation for Medical Research and the Tri-Societies are pleased to sponsor a workshop for Fellows and Junior Faculty. Lunch will be provided.

PUBLISHING WITHOUT PERISHING
Richard L. Kravitz, MD, MSPH
University of California Davis

Sunset Center – Green Room

CONCURRENT SESSIONS

Friday, January 30, 2015
12:30 PM – 2:30 PM

Jointly sponsored by
WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Adolescent Medicine and General Pediatrics I ................................................................. Studio 105
Cardiovascular III ............................................................................................................ Promenade Lobby
Endocrinology and Metabolism II .................................................................................. Bingham #3
Gastroenterology .............................................................................................................. Babcock #6
Genetics ........................................................................................................................... Rehearsal Room
Neonatology – General II ................................................................................................ All Saints Church, Seacombe Hall
Neonatology – Perinatal Biology I .................................................................................... Chapman #4
Surgery II ........................................................................................................................... Conductor’s Room

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Adolescent Medicine and General Pediatrics I
Studio 105 (Sunset Center)
Samrat U. Das, Eche Ezeanolue, and Rita Shah, Presiding

12:30 MEDICAL SIMULATION AS A TOOL FOR PEDIATRIC ACTIVE SHOOTER EDUCATION.
Aj Czynski, V Layel and TK Denmark, Loma Linda, CA and Redlands, CA. Loma Linda Children’s Hospital

12:45 LINEZOLID FOR TREATMENT OF OSTEOARTICULAR INFECTIONS IN THE PEDIATRIC POPULATION: A REVIEW OF THE LITERATURE.
C Mercurio, M Nilkanth, K Walker, J Williams, S Thomas, J Minagar, M Paragas, M Mettler and B Afghani, Irvine, CA. University of California Irvine

1:00 RENAL RECOVERY WITH Eculizumab in a Child With Atypical Hemolytic Uremic Syndrome and Homozygous Deletions of Complement Factor H Related Proteins 1 and 3.
E Park, A staples, JR Brandt, C Wong and C Joseph, Albuquerque, NM. University of New Mexico
(WSPR Mead Johnson Travel Award Winner)

1:15 SCREENING FOR MATERNAL POSTPARTUM DEPRESSION DURING INFANT HOSPITALIZATIONS.
C Man, E Casillas, K Molas-Torreblanca, H Sapir, S Schrager and M Trost, Los Angeles, CA.
USC Keck School of Medicine (WSPR)

1:30 PEDIATRIC MELANOMA IN BRITISH COLUMBIA.
P Dean, C Strahlendorf, M Bucevska and C Verchere, Kingston, ON, Canada and Vancouver, BC, Canada.
Queen’s University (WSMRF)

1:45 COMMUNICATION EFFECTIVENESS BETWEEN FAMILIES OF HOSPITALIZED CHILDREN AND HEALTH CARE PROVIDERS.
T Kavafyan, K Archer and K Ngo, Redlands, CA. Loma Linda University (WSMRF)

2:00 HETEROTOPIC OSSIFICATION AFTER NON-OPERATIVE MANAGEMENT OF AN ACROMIOCLAVICULAR SEPARATION: A CASE REPORT.
SM Palathumpat and JH Nielson, Las Vegas, NV. University of Nevada School of Medicine

2:15 A COMPARISON OF MIDAZOLAM AND ZOLPIDEM AS ORAL PREMEDICATION IN CHILDREN.
JP Everett, A Hanna and R Applegate, Loma Linda, CA.
Loma Linda University

Cardiovascular III
Promenade Lobby (Sunset Center)
Joshua I. Goldhaber, Presiding

12:30 SERUM RESPONSE FACTOR IN PEDIATRIC HEART FAILURE.
M Cecil, K Dockstader and CC Sucharov, Boulder, CO and Aurora, CO. University of Colorado Boulder

12:45 DOES SWITCHING TO PROLIFERATION SIGNAL INHIBITORS DECREASE THE RISK OF DEVELOPING SUBSEQUENT MALIGNANCES IN HEART TRANSPLANT PATIENTS?
M Merchant, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center

1:00 DO ABNORMAL REGADENOSON SCANS PREDICT SUBSEQUENT POOR OUTCOME?
D Wong, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center

1:15 PERIOPERATIVE PROGNOSTIC FACTORS FOR FONTAN PATIENTS UNDERGOING ORTHOTOPIC HEART TRANSPLANT.
CJ Berg, B Bauer, A Hageman and L Reardon, Los Angeles, CA. David Geffen School of Medicine
at UCLA (WSMRF)

1:30 HYPERTROPHY INDUCING FACTOR IN PEDIATRIC IDIOPATHIC DILATED CARDIOMYOPATHY SERUM.
J Sucharov-Costa, CC Sucharov, BL Stauffer, S Miyamoto and L Walker, Boulder, CO; Denver, CO and Aurora, CO. University of Colorado

1:45 CHARACTERISTICS & PREVALENCE OF ATRIAL FIBRILLATION IN ADULTS WITH CONGENITAL HEART DISEASE.
E Malek, J Balakumar, D Do, J Aboulhosn and N Boyle, Los Angeles, CA. David Geffen School of Medicine
at UCLA (WSMRF)

2:00 PATIENTS WITH AUTOIMMUNE DISEASE: NOT A CONTRAINDICATION FOR HEART TRANSPLANTATION.
J Suhano, M Liu, F Liou, M Hamilton and J Kobashigawa, Los Angeles, CA. Cedars-Sinai Medical Center

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**Endocrinology and Metabolism II**  
Bingham Room #3 (Sunset Center)  
Kristina Utzschneider and Ellen Schur, Presiding

12:30 WITHDRAW
12:45 WITHDRAW
1:00 PULMONARY HEMORRHAGE AS A FATAL COMPLICATION OF RADIOACTIVE IODINE TREATMENT IN A PATIENT WITH METASTATIC DIFFERENTIATED THYROID CARCINOMA.  
L Colip, J Fair, M Burge and P Kapsner, Albuquerque, NM. University of New Mexico Health Sciences Center  
Abstract 186

1:15 VITAMIN D INDUCES MUSCLE DIFFERENTIATION AND PROMOTES AN ANTIFIBROTIC PHENOTYPE IN PRIMARY CULTURES OF SKELETAL MUSCLE SATELLITE CELLS AND FIBROBLASTS.  
JN Artaza, JR Contreras, SM Hlaing, LA Garcia, S Pervin and MG Ferrini, Los Angeles, CA.  
Charles Drew University (WAFMR)  
Abstract 187

1:30 THE ANTIOXIDANT N-ACETYL-CYSTEINE DOES NOT IMPROVE GLUCOSE TOLERANCE OR β-CELL FUNCTION IN TYPE 2 DIABETES.  
MJ Szudlinska, AD von Frankenberg and K Utzschneider, Seattle, WA. University of Washington (WSCI Travel Award Winner)  
Abstract 188

1:45 DECREASED MITOCHONDRIAL FUNCTION RELATED TO INSULIN RESISTANCE IN ADOLESCENT GIRLS WITH TYPE 2 DIABETES.  
A Gupta, M Cree-Green, G Coe, A West, M Brown, B Newcomer and K Nadeau, Aurora, CO and Birmingham, AL. The University of Colorado, Anschutz (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)  
Abstract 189

2:00 EFFECTS OF HIP2B ON PDX1 AND GRB2 EXPRESSION IN FETAL PANCREATIC PROGENITOR CELLS.  
MV Yao, AD LaBarbera and W Messersmith, Albuquerque, NM. University of New Mexico (WAFMR/WAP Outstanding Resident Award Winner)  
Abstract 190

2:15 ENERGY SUPPLY FROM CONTINUOUS VENOVENOUS HEMOFILTRATION IN CRITICALLY ILL PATIENTS.  
AM New, EM Nystrom, EN Frazee, KB Kashani, JJ Dillon and JM Miles, Rochester, MN. Mayo Clinic  
Abstract 191

2:30 pm – 3:30 pm Break and Poster Session
J Krate, KM Ramsey, S Rangasamy and V Narayanan, Tucson, AZ and Phoenix, AZ. University of Arizona

1:30 NOVEL FORM OF NEONATAL CHOLESTASIS DUE TO MUTATIONS IN THE FARNESOID X RECEPTOR GENE NR1H4.
N Gomez-Ospina, GC Washington and GM Enns, Stanford, CA. Stanford Hospital (WSPR Mead Johnson Travel Award Winner)

1:45 BLURRING THE LINE BETWEEN DIAGNOSTIC AND PREDICTIVE TESTING - WDR45 RELATED DISEASE MAY PRESENT AS STATIC DEVELOPMENTAL DELAY WITH LATE PROGRESSION TO NEURODEGENERATION.
A Ananth and J Bernstein, Palo Alto, CA. Stanford University School of Medicine

2:00 SCN1A GENE MUTATION AS THE CAUSE OF AUTOSOMAL-DOMINANT EPISODIC PAIN IN A 3-GENERATION FAMILY.
CF Macmurdo, P Gong, A Hanson-Kahn and J Bernstein, Stanford, CA. Stanford University School of Medicine

2:15 FEMALE CHILD WITH CANTU SYNDROME AND AORTECTASIA CAUSED BY A MUTATION IN ABCC9, EXPANDING THE PHENOTYPE.
JJ Barea and L Bird, San Diego, CA. Rady Children’s Specialists of San Diego (WSPR)

2:30 pm – 3:30 pm Break and Poster Session

Neonatology - General II
All Saints Church, Seacombe Hall
Christian Yost and Amy Kimball, Presiding

12:30 THE EFFECT OF HEMATOCRIT ON IN VITRO BILIRUBIN PHOTOALTERATION UNDER BLUE AND BLUE-GREEN LIGHT.
DT Linfield, E Mei, NY Hwang, HJ Vreeman, AA Lamola, RJ Wong and DK Stevenson, Stanford, CA.
Stanford University School of Medicine (Abbott Subspecialty Award)

12:45 EFFECTS OF ERYTHROPOIESIS STIMULATING AGENTS ON CEREBRAL BLOOD FLOW IN PRETERM, VERY LOW BIRTH WEIGHT INFANTS.
CA Davidson, A Caprihan, J Phillips, DC Cannon and RK Ohls, Albuquerque, NM. University of New Mexico

1:00 NEONATAL EXTRACORPOREAL MEMBRANE OXYGENATION IS ASSOCIATED WITH VISCERAL IRON OVERLOAD.
AJ Reitman, P Friedlich, R Chapman, J Wisnowski, R Ramanathan, TD Coates, M Nelson and JC Wood, Los Angeles, CA. Children’s Hospital Los Angeles and LAC+USC Medical Center, Keck School of Medicine, USC

1:15 TRANSFUSION OF WASHED PACKED RED BLOOD CELLS AND NECROTIZING ENTEROCOLITIS IN EXTREMELY PRETERM INFANTS.
A Joshi, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC-USC Medical Center

1:30 SYSTEMIC TO PULMONARY COLLATERALS DETECTED BEYOND TWO MONTHS OF LIFE IN EXTREMELY LOW BIRTH WEIGHT INFANTS: INCIDENCE, CLINICAL SIGNIFICANCE AND HEMODYNAMIC FEATURES.
I Thompson, R Cayabyab, M Elahrami, R Ramanathan and B Siasii, Los Angeles, CA. University of Southern California

1:45 PERFUSION INDEX IN VERY PRETERM INFANTS ADMITTED TO THE NEONATAL INTENSIVE CARE UNIT.
C Nicholas, R George, R Cayabyab, S Sardesai, M Durand and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center

2:00 EFFICACY AND SAFETY OF A NEW HEME FORMULATION FOR USE IN THE STUDY OF SEVERE NEONATAL HYPERBILIRUBINEMIA.
DN Lin, M Wagner, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine

2:15 CEREBRAL LACTATE CONCENTRATION DURING AND AFTER THERAPEUTIC HYPOTHERMIA IN NEONATES WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY.
AJ Reitman, S Bluml, P Friedlich, T Wu, C McLean, E Ho and J Wisnowski, Los Angeles, CA; Linkou, Taiwan (Province of China) and Pittsburg, PA. Center for Fetal and Neonatal Medicine, USC Division of Neonatal Medicine, Children’s Hospital Los Angeles and LAC+USC Medical Center; Keck School of Medicine of USC (WSPR)

2:30 pm – 3:30 pm Break and Poster Session

Neonatology - Perinatal Biology I
Chapman #4 (Sunset Center)
Cassidy A. Delaney and Lauren Jantzie, Presiding

12:30 HISTOPATHOLOGIC CHARACTERIZATION OF PLACENTAL CHANGES IN A MURINE MODEL OF INTRAUTERINE GROWTH RESTRICTION.
A Chu, A Ganguly, M Wadhera and S Devaskar, Los Angeles, CA. David Geffen School of Medicine at UCLA

12:45 MOLECULAR & CELLULAR ANALYSIS OF TRACHEO-ESOPHAGEAL FISTULA RESULTING FROM GENETIC MESODERMAL INTERRUPTION OF HEDGEHOG SIGNALING IN MICE.
A Fischer, S Li, C Li and P Minoo, Los Angeles, CA. LAC+USC Medical Center and Keck School of Medicine, University of Southern California (WSPR Mead Johnson Travel Award Winner)
1:00 ANTENATAL FACTORS ASSOCIATED WITH CLOSURE OF PATENT DUCTUS ARTERIOSUS IN EXTREMELY LOW BIRTH WEIGHT (ELBW) INFANTS.
P Shastry, S Vaikunth, R Cayabyab and S Bhombal, Los Angeles, CA. USC Division of Neonatal Medicine, LAC+USC Medical Center, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA (Abbott Subspecialty Award) Abstract 216

1:15 A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING SPRINTER VERSUS NON-SPRINTER APPROACH TO WEAN NASAL CONTINUOUS POSITIVE AIRWAY PRESSURE SUPPORT IN PREMATURE INFANTS BORN AT < 30 WEEKS GESTATIONAL AGE.
N Eze, D Murphy, A Jacinto, Y Pak, M Morris, V Dhar and VK Rehan, Torrance, CA and Orange, CA. Harbor UCLA Medical Center (WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award Winner) Abstract 217

1:30 DECREASE IN DELIVERY ROOM INTUBATION RATES AFTER RESUSCITATION USING MODIFIED NASAL CANNULA IN VERY LOW BIRTH WEIGHT INFANTS.
M Bintwale, F Wertheimer, R Hernandez and R Ramanathan, Los Angeles, CA. University of Southern California Keck School of Medicine Abstract 218

1:45 FACTORS ASSOCIATED WITH LIMITED PARENTAL HEALTH LITERACY IN A LEVEL III NICU IN CALIFORNIA'S CENTRAL VALLEY.
A Chadha, A Liang, E Chu and S Elliott, Fresno, CA. UCSF Fresno Abstract 219

2:30 pm – 3:30 pm Break and Poster Session

Surgery II
Conductor's Room
Subhas Gupta, Presiding

12:30 ACUTE KIDNEY INJURY FOLLOWING SPINAL INSTRUMENTATION SURGERY IN CHILDREN.
JJ Jöbsis, A Alabbas, R Milner, K Mulpuri, C Reilly and C Mannen, Blaricum, Netherlands; Edmonton, AB, Canada and Vancouver, BC, Canada. Tergooi University Abstract 220

12:45 MORTALITY FOLLOWING ELECTIVE SURGERY: A RETROSPECTIVE AUTOPSY SERIES.
B Coffman, R Clark, S Lathrop, C Krinsky and I Paul, Albuquerque, NM. University of New Mexico Abstract 221

1:00 OUTCOMES OF CRANIOFACIAL MICROGLOSSIA TREATMENT: MICROTIA RECONSTRUCTION.

1:15 UTILITY OF INTRAOPERATIVE NEUROLOGIC MONITORING DURING VEPT EXPANSION SURGERY.
J LaGreca, T Flynn and S Garg, Denver, CO; Aurora, CO and Valley Forge, PA. University of Colorado School of Medicine Abstract 223

1:30 FACTORS INFLUENCING OPERATING ROOM TURNOVER TIME.
C Conceicao, A Lee, K Mylkak, M Alsyouf and D Baldwin, Loma Linda, CA. Loma Linda University Medical Center Abstract 224

1:45 SUPERFICIAL CERVICAL PLEXUS BLOCK FOR IPSILATERAL SHOULDER PAIN AFTER THORACOTOMY.
JD Hassebroek and S Jelacic, Lynnwood, WA. University of Washington (WSMRF) Abstract 225

2:00 BEYOND COMPUTER SIMULATION: A NOVEL ELECTROMECHANICAL PLATFORM FOR TRAINING SURGEONS.
J Fernandez, P Benharash, P Frank and J Resnik, Los Angeles, CA. David Geffen School of Medicine at UCLA Abstract 226

2:15 THE EFFECT OF CLEAVE TECHNIQUE AND TIME ON LASER FIBER POWER OUTPUT.
B Peplinski, D Faaborg, M Alsyouf, E Miao, K Mylkak and D Baldwin, Loma Linda, CA. Loma Linda University Abstract 227

2:30 pm – 3:30 pm Break and Poster Session

POSTER SESSION II

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WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

Carpenter Hall
Friday, January 30, 2015
12:30 PM – 5:30 PM
(Presenters in attendance from 2:30 pm to 3:30 pm)
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<td>N Switchenko, V Wilkins and M Saidi, Salt Lake City, UT. University of Utah</td>
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<td>Bm LeClair and H Gimbel, Loma Linda, CA. Loma Linda University (WSMRF)</td>
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BIOMECHANICAL COMPARISON OF BICORTICAL SCREWS VERSUS LAG SCREWS IN METACARPAL FIXATION.
P. Lewis, S. Inceoglu, J. Dhillon and M. Martin, Loma Linda, CA. Loma Linda University

THE RELATIONSHIP BETWEEN NATIONAL INSTITUTE OF HEALTH FUNDING AND RESEARCH IMPACT IN ORTHOPAEDIC SURGERY.
AH Loftin, AI Stavrakis, A Patel, Z. Burke, EM Dworsky, M Silva and NM Bernthal, Los Angeles, CA. David Geffen School of Medicine at UCLA

CLINICAL ASSESSMENT OF PES PLANUS IN CHILDREN WITH CEREBRAL PALSY.
NE Look and F. Chang, Aurora, CO. University of Colorado (WSMRF)

THE EFFECT OF SURGEON EXPERIENCE AND PATIENT AGE ON FLOW DISRUPTIONS IN ROBOTIC-ASSISTED UROGyneCOLOGY SURGERY.
R. Luu, JF Borok, A Hannemann, R Avenido, K Catchpole and J Anger, Los Angeles, CA. David Geffen School of Medicine at UCLA

SPONTANEOUSLY RESOLVED MACROCYSTIC LYMPHATIC MALFORMATIONS.
M Phang, M Bucevska, C Malic, D Courtemanche and J Arneja, Vancouver, BC, Canada and Ottawa, ON, Canada. University of British Columbia

TWO-PHOTON FLUORESCENCE IMAGING AND RETINAL TOXICITY IN BROWN NORWAY RATS.
MD Phelps, I Sung, Y Wu and JT Fan, Loma Linda, CA and Heidelberg, Germany. Loma Linda University School of Medicine

RISK FACTORS CONTRIBUTING TO REVISION RATE IN BREAST RECONSTRUCTION PATIENTS.
W Pinette, J Dhillon, P Lewis, ME Hill and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

BLOOD LOSS AND PERIOPERATIVE FLUID MANAGEMENT DURING CRANIOSYNOSTOSIS SURGERY.
R Skocylas, M Bucevska, M Cassidy and D Courtemanche, Vancouver, BC, Canada. BC Children’s Hospital (WSMRF)

TWO-PHOTON IMAGING OF ALBINO RABBIT RETINA.
L Sung, MD Phelps, Y Wu and JT Fan, Loma Linda, CA and Heidelberg, Germany. Loma Linda University School of Medicine

ASSESSMENT OF FACTORS AFFECTING CLAMPING OF THE RENAL ARTERY DURING NEPHRECTOMY: A BENCH TOP STUDY.
D Tryon, K Myklak, M Alysoy, C Conceicao, B Ppeplinski, J Arenas, D Faaborg and D Baldwin, Loma Linda, CA. Loma Linda University

EXPLAIN ANALYSIS FROM A PATIENT WITH HYPERCOBALTEMIA AND ACCELERATION OF PARKINSONISM FOLLOWING METAL-ON-METAL HIP ARTHROPLASTY.
E Roelber, D Van Citters, T Steck and S Tower, Seattle, WA and Hanover, NH. Univ. of Washington

USE OF RESORBABLE PLATES AND SCREWS IN PEDIATRIC FACIAL FRACTURES.
FK Wong, S Adams, T Coates and D Hudson, Los Angeles, CA and Cape Town, South Africa. David Geffen School of Medicine, UCLA

CONCURRENT SESSIONS
Friday, January 30, 2015
3:30 PM – 6:00 PM

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WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM
Behavior and Development II
Chapman #4 (Sunset Center)
Kathy Angkustsiri and Brian Tang, Presiding

3:30 PRIMARY CARE SCREENING FOR EMERGENT LITERACY DELAYS IN PRESCHOOL CHILDREN.
SN Iyer, M Dawson, M Sawyer and R Needlman, San Diego, CA and Cleveland, OH. University of California, San Diego (WSPR Mead Johnson Travel Award Winner)

3:45 EXCESSIVE DAYTIME SLEEPINESS AS AN INDICATOR OF DEPRESSION AMONG HISPANIC AMERICANS.
BA Nuyen, RS Fox, VL Malcarne, SI Wachsman, K Bannélos and GR Sadler, La Jolla, CA and San Diego, CA. University of California, San Diego School of Medicine (Abbott Subspecialty Award)

4:00 WHOLE BODY HYPERTHERMIA FOR MAJOR DEPRESSION.
LM Weinand, CL Raison and CH Janssen, Tucson, AZ. The University of Arizona

4:15 EQUINE ASSISTED THERAPY REDUCES SYMPTOMS IN VETERANS WITH POST-TRAUMATIC STRESS DISORDER.
LE Burton and MR Burge, Albuquerque, NM. University of New Mexico Health Science Center

4:30 POWER OVER PILLS: A STRENGTHS-BASED APPROACH FOR EDUCATING ALTERNATIVE HIGH SCHOOL STUDENTS ABOUT THE RISKS OF MISUSING PRESCRIPTION PAIN MEDICATION.
C Haselman, Seattle, WA. University of Washington (WSMRF)

4:45 ASSESSMENT OF DIARRHEAL RATES IN RELATION TO HAND WASHING AND DRINKING SAFE WATER IN A POPULATION OF CHILDREN IN THE INDIAN HIMALAYAS: A STUDENT LEAD INITIATIVE.
JM Ruller, A Kim, J Madsen, T Brown-Bently, T Wu and V Kapoor, Vancouver, BC, Canada. University of British Columbia

5:00 EVALUATING COMMUNITY HEALTH WORKERS’ NUTRITIONAL KNOWLEDGE AND EDUCATION PRACTICES IN RURAL UGANDA.
S Ruscheinsky, B Schwartzentruber, R Jain, K Dewar, J Sewanyana, R Kalyesubula and V Kapoor, Vancouver, BC, Canada and Nakaseke, Uganda. University of British Columbia

Community Health
Promenade Lobby (Sunset Center)
Martin Teintze and Larry Kirven, Presiding

3:30 EMERGENCY SERVICES UTILIZATION OF ADULT HOMELESS PATIENTS IN A LARGE PUBLIC HOSPITAL IN SAN BERNARDINO COUNTY, CALIFORNIA.
D Hooser, P Glazer, D Betat, P Wu, R Holloway, B Howe, M Debay and M Neeki, Loma Linda, CA and Colton, CA. Loma Linda University (WSMRF)

3:45 NOT ANOTHER FREAK ACCIDENT: PREVENTING AGRICULTURAL INJURIES IN SOUTHEASTERN MONTANA.
KD Lackman, Seattle, WA. University of Washington School of Medicine

4:00 EDUCATIONAL IMPACT OF A PIPELINE PROGRAM ON UNDERREPRESENTED IN MEDICINE (URM) STUDENTS: A FOLLOW-UP STUDY.
N Rezakhah Khajeh, M Vennat and B Afghani, Irvine, CA and Orange, CA. University of California, Irvine

4:15 LIBBY COMMUNITY GARDEN HORTICULTURE THERAPY: BUILDING COMMUNITY BELONGING AND SELF-WORTH FOR INDIVIDUALS WITH DISABILITIES IN LIBBY, MONTANA.
CL Pihl, Seattle, WA. University of Washington (WSMRF)

4:30 EVALUATING THE ENGAGEMENT OF MALE SEX WORKERS IN THE HIV-STI CONTINUUM OF CARE IN HANOI, VIETNAM.
D Dinh, R Rawson and GL Minh, Los Angeles, CA and Hanoi, Viet Nam. David Geffen School of Medicine at UCLA

4:45 A CONVERSATION WORTH HAVING: PROMOTING ADVANCE DIRECTIVES IN PINEDALE, WYOMING.
E Kim, Seattle, WA. University of Washington (WSMRF)

5:00 FIGHT THE FLU: INCREASING STAFF COMPLIANCE WITH INFLUENZA VACCINATION.
S Haney, Seattle, WA. University of Washington School of Medicine (WSMRF)

5:15 DECREASING THE RATE OF SEXUALLY TRANSMITTED INFECTIONS THROUGH OUTREACH AND EDUCATION IN THE YAKIMA VALLEY MIGRANT FARMWORKER CAMPS.
E Shamp, Seattle, WA. University of Washington School of Medicine (WSMRF)

Health Care Research II
Babcock #6 (Sunset Center)
Edward S. Lee, Presiding

3:30 State-of-the-Art Speaker
ADDRESSING THE QUALITY GAP IN CARDIOVASCULAR CARE IN THE DEVELOPING WORLD.
Edward S. Lee, Keck School of Medicine of University of Southern California

4:00 SUCCESSES AND CHALLENGES OF CLINICAL AND SYSTEMS-BASED HIV/AIDS MENTORSHIP IN NORTHERN AND CENTRAL MALAWI HEALTH FACILITIES.
E Chien, K Phiri, C Pfaff, A Schooley, P Jansen, J Hamilton, M Chivwala and R Hoffman, Los Angeles, CA and Lilongwe, Malawi. David Geffen School of Medicine at UCLA

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Infectious Diseases II
Bingham Room #3 (Sunset Center)
Ravi Durvasula, Fred Buckner and David Gilbert, Presiding

3:30 ANTIBIOTICOGRAM FOR PERI-PROSTHETIC INFECTIONS: A TOOL FOR BETTER INFORMED SELECTION OF EMPIRIC ANTIBIOTICS.
I Danci, J Dhillon, P Lewis, N Biskup, H Kim and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine

3:45 OVEREXPRESSION OF RV3488 IN MYCOBACTERIUM SMEGMATIS TO ASSESS GROWTH INHIBITION.
N Pham and B Saviola, Pomona, CA. Western University of Health Sciences

4:00 MYCOPLASMA HOMINIS INFECTION STATUS OF TRICHOMONAS VAGINALIS AFFECTS CYTOKINE SECRETION FROM PRIMARY HUMAN MONOCYTES.
FI Diaa, F Mercer and PJ Johnson, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:15 LIPOSOMAL GLUTATHIONE SUPPLEMENTATION RESTORES APPROPRIATE CYTOKINE RESPONSE TO INTRACELLULAR INFECTION IN HIV INFECTED INDIVIDUALS.
MK Singh, E Vera Tudela and V Venketaraman, Pomona, CA. Western University of Health Sciences (WSMRF)

4:30 TORQUE TENO VIRUS REVEALED BY DEEP DNA SEQUENCING OF OCULAR SURFACE DNA.
DJ Andersen, N Ko, R Van Gelder, A Lee, V Shestopalov and E Linardopoulou, Seattle, WA; London, United Kingdom and Miami, FL. University of Washington (WSMRF)

4:45 CLINICAL AND MOLECULAR EPIDEMIOLOGY OF RESPIRATORY VIRAL INFECTIONS AMONG CHILDREN IN RURAL NEPAL.
DS Huang, J Tielsch, J Katz, E Martin, J Kuyers, I Palileo, JE Englund and HY Chu, Seattle, WA and Baltimore, MD. University of Washington (WSMRF)

5:00 CYTOMEGALOVIRUS EFFECTS ON INDUCED PLURIPOTENT STEM CELL- DERIVED NEURAL PROGENITOR CELLS AND NEURONS.
L Jacobson and EA Fortunato, Seattle, WA and Moscow, ID. University of Washington (WSMRF)

5:15 HUMAN METAPNEUMOVIRUS IN HOSPITALIZED, HIGH-RISK PEDIATRIC POPULATION.
V Whelan, R Titapiwatanakun and M Tablizo, Fresno, CA and Madera, CA. UCSF Fresno (WSCI Travel Award Winner)

5:30 RV3488 PROMOTER EXPRESSION IN PRESENCE OF SALICYLIC ACID IN MYCOBACTERIUM SMEGMATIS.
W Yu and B Saviola, Pomona, CA. Western University of Health Sciences (WSMRF)

Morphogenesis and Malformations
Rehearsal Room (Sunset Center)
Sarah Dugan and David Viskochil, Presiding

3:30 State-of-the-Art Speaker
THE GENETIC ENIGMA OF OCULO-AURICULAR-VERTEBRAL SPECTRUM (OAWS): NEW CLUES FROM MOUSE MODELS.
Timothy Cox, University of Washington
IDENTIFICATION OF A CANDIDATE LOCUS AT 8Q21 AMONG INFANTS WITH CONOTRUNCAL HEART DEFECTS. 
L. Parkman, K. Schultz, N. Mohammed, C. Parodi, K. Osoegawa, GM Shaw and E. Lammer, Oakland, CA and Stanford, CA. UCSF Benioff Children’s Hospital (Abbott Subspecialty Award) 

EVALUATING A CANDIDATE LOCUS AT 12Q24 FOR CONOTRUNCAL HEART DEFECTS. 
C. Parodi, K. Schultz, N. Mohammed, K. Osoegawa, GM Shaw and E. Lammer, Oakland, CA and Stanford, CA. UCSF Benioff Children’s Hospital Oakland

LIPOPOLYSACCHARIDE EXPOSURE INFLUENCES THE TH1/TH2 BALANCE OF INFANTS WITH CONOTRUNCAL HEART DEFECTS. 

LIPID SYNTHESIS IN MATURING MOUSE SPERMATOZOA. 
W. Muncey, Seattle, WA and Spokane, WA. University of Washington (WSMRF)

HEME OXYGENASE-1 PROMOTER POLYMORPHISMS AND RISK OF SPINA BIFIDA. 
K. Fujitaka, W. Yang, MB Wallenstein, H. Zhao, RJ Wong, DK Stevenson and GM Shaw, Stanford, CA. Stanford University School of Medicine (WSPR Mead Johnson Travel Award Winner)

PHENOTYPE CHARACTERIZATION OF EPIBULBAR DERMOIDS. 
B4 Walker, BS Saltzman, EP Herlihy and DV Luqueti, Seattle, WA. University Of Washington (WSMRF)

RATIONAL APPROACHES TO THE ASSESSMENT OF CLINICAL EVIDENCE IN THE DETERMINATION OF TERATOGENICITY: METHIMAZOLE. 
JC Carey, L. Martinez, M. Leen-Mitchell, AN Romeo and J. Robertson, Salt Lake City, UT. University of Utah (WSPR)

A SEVERE PHENOTYPE OF B3GAT3-RELATED LINKEROPATHY. 

Neonatology - General III
All Saints Church, Seacombe Hall
Paul Rozance and Kara L. Calkins, Presiding

3:30 JOAN HODGEMAN LECTURE: DONOR MILK: RECENT RESEARCH, WHAT DO WE REALLY KNOW? 
Tarah T. Colaizy, University of Iowa

4:00 GASTROSCHISIS AND MATERNAL INTAKE OF PHYTOESTROGENS. 
EL Wadhwa, C Ma, GM Shaw and S Carmichael, Stanford, CA. Stanford Univ. (WSPR Outstanding Resident Award Winner) 

DONOR HUMAN MILK AVAILABILITY PROMOTES BREAST MILK FEEDING AND LOWERS NECROTIZING ENTEROCOLITIS IN VERY LOW BIRTH WEIGHT INFANTS. 
J. Wei, A. Kantorowarska, R. Cohen, JB Gould, R. Lawrence and H. Lee, Berkeley, CA; Rochester, CA; Stanford, CA and San Jose, CA. University of California, Berkeley

PH AND POTENTIAL RENAL SOLUTE LOAD VARY AMONG INFANT ENTERAL FEEDS. 
S Malone Jenkins, K. Braski and G Chan, Salt Lake City, UT. University of Utah

IMPROVING EFFICIENCY THROUGH NEONATAL TOTAL PARENTERAL NUTRITION MOBILE APPLICATION. 
T. Jean, S.Yu and L. Smith, Torrance, CA. Harbor UCLA Medical Center (WSMRF)

BODY MASS INDEX CHANGE BETWEEN PREGNANCIES AND RISK OF SPONTANEOUS PRETERM BIRTH. 

POPULATION-BASED, CASE-CONTROL STUDY DID NOT SHOW ASSOCIATION BETWEEN MATERNAL FACTORS AND CONGENITAL DIAPHRAGMATIC HERNIA IN UTAH 1999-2011. 
H. Shanmugam, L. Brunelli, S. Krikov, L. Botto and M. Feldkamp, Saltlake city, UT. University of Utah

PREDICTING THE NEED FOR HOME OXYGEN THERAPY IN PRETERM INFANTS BORN BEFORE 28 WEEKS GESTATION. 
M. Catenacci and RI Clyman, San Francisco, CA. University of California San Francisco

INTESTINAL ATRESIAS: FETAL ULTRASOUND FINDINGS AND DURATION OF PARENTERAL NUTRITION. 
N. Weiss, R. Keller, V. Feldstein, KL. Calkins and T. MacKenzie, San Francisco, CA and Los Angeles, CA. University of California San Francisco

Nephrology and Hypertension
Green Room (Sunset Center)
Charles Edelstein and Stanley Jordan, Presiding

3:30 THE EFFECT OF CXCR2 KNOCKOUT ON CISPLATIN-INDUCED ACUTE KIDNEY INJURY (AKI) USING A THERAPEUTICALLY RELEVANT DOSE OF CISPLATIN IN MICE WITH CANCER. 
Q. Wang, K. Ravichandran, B. Nemenoff, A. Tani and C Edelstein, Aurora, CO. University of Colorado (RAP)

DIAGNOSTIC RELIABILITY OF ACUTE KIDNEY INJURY IN ADMINISTRATIVE RECORDS OF HOSPITALIZED PATIENTS. 
A. Cypro, E. Bulley, D. Bechtold, G. Salvatierra and K. Daratha, Seattle, WA and Spokane, WA. University of Washington School of Medicine (WSMRF)
4:00 THE ROLE OF PUNERIGERIC RECEPTORS IN LITHIUM-INDUCED RENAL MICROCYST FORMATION.
S Reeder, M Romero-Aleshire, A Thompson, Y Gao and H Brooks, Tucson, AZ. University of Arizona

4:15 EPIDEMIOLOGY OF CARDIAC SURGERY ASSOCIATED ACUTE KIDNEY INJURY IN NEONATES: A PROSPECTIVE COHORT STUDY.
A De Mello, A Campbell, K Lee -Son, M Zappitelli, P Skippen, S Gandhi and C Mannen, Vancouver, BC, Canada and Montreal, QC, Canada. BC Children's Hospital (WAFMR/WAP Student Subspecialty Award Winner)

4:30 A CASE OF BK NEPHROPATHY IN NATIVE KIDNEYS POST LUNG TRANSPLANTATION.
P Arora, D Vigil, M Barry, A Tzamaloukas and K Servilla, Albuquerque, NM. University of New Mexico

4:45 State-of-the-Art Speaker
CASPASES AND APOPTOSIS IN KIDNEY DISEASE.
Charles Edelstein, University of Colorado Denver

Neuroscience II
Conductor's Room
Marie-Francois Cheslet, Presiding

3:30 PREVALENCE OF TRAUMATIC BRAIN INJURY IN EARLY VERSUS LATE-ONSET ALZHEIMER'S DISEASE.
J Zhang, A Lin, E Jimenez, P Paholpak, E Teng and M Mendez, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

3:45 OPTIMIZATION OF EXOSOME ISOLATION FROM HUMAN SALIVA.
DJ No, A Crofton, J Baio and W Kirsch, Upland, CA. Loma Linda University

4:00 INCREASED IPSILATERAL CORTICAL AND DEEP CEREBRAL VENOUS SUSCEPTIBILITY IN ADULT HYPERACUTE STROKE.
P Grigsby, P Kim, U Oyoyo and P Jacobson, Loma Linda, CA. Loma Linda University School of Medicine

4:15 THE KETOGENIC DIET IN THE TREATMENT OF HIGHLY REFRACTIVE INFANTILE SPAMS AND LENNOX-GASTAUT SYNDROME.
EJ Shih, K Murata and S Hussain, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)

4:30 FATAL CEREBRAL EDEMA WITH CENTRAL NERVOUS SYSTEM ANGIITIS: A HISTOLOGIC EXAMINATION OF TWO CASES.
KH Terashima, DD Lo, S Tung, D Ng and HV Vinters, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:45 EYELID POSITION IN PATIENTS WITH FACIAL NERVE PALSY.
K Sinha, D Rootman, A Nobori, B Azizzadeh and R Goldberg, Los Angeles, CA; Pasadena, CA and Beverly Hills, CA. David Geffen School of Medicine at UCLA (WSMRF)

5:00 INVESTIGATION OF A MULTIPLEXED ASSAY FOR THREE BIOMARKERS ASSOCIATED WITH THE DIAGNOSIS AND EARLY DETECTION OF ALZHEIMER DISEASE.
TB Martins, GS Rule, AL Rockwood, JA Sonnen, E Zamrini and HR Hill, Salt Lake City, UT. ARUP Institute

5:15 ASSOCIATION OF PROMINENT DEEP MEDULLARY VEINS ON SWI AND POOR NEUROLOGICAL OUTCOMES IN NEONATES WITH CYANOTIC CONGENITAL HEART DISEASE.
E Glazener, Mission Viejo, CA. Loma Linda School of Medicine

5:30 RELATIONSHIP OF PROMINENCE OF VEIN TO QUANTITATIVE SUSCEPTIBILITY MEASUREMENT (PPB) WITH HIGH PASS FILTER IN PEDIATRIC PATIENT WHO EXPERIENCED HYPOXIC ISCHEMIC ENCEPHALOPATHY.
GK Russell, P Kim, U Oyoyo, D Kido and P Jacobson, Loma Linda, CA. Loma Linda University (WSMRF)

5:45 MASK VENTILATION BEFORE & AFTER NEUROMUSCULAR BLOCKADE.
ES Donahue and A Joffe, Seattle, WA. University of Washington

Surgery III
Studio 105 (Sunset Center)
Subhas Gupta, Presiding

3:30 ADIPOSPATHY IN PERIVASCULAR ADIPOSE TISSUE OF VASCULAR DISEASE PATIENTS.
D Yu, M Tao, A Longchamp, K Ding, W King, M Semel and CK Ozaki, Seattle, WA; Boston, MA and Davidson, NC. University of Washington

3:45 PREVALENCE AND ETHNIC VARIATION OF PRE-AURICULAR SINUSES IN CHILDREN.
C Yu, K Khera, J Pauwels and NK Chadha, Vancouver, BC, Canada. BC Children's Hospital (WSMRF)

4:00 THE FINANCIAL BURDEN OF ECMO OUTCOMES.
EB Pillado, R Kashani, H Wu, S Grant, C Hershey, R Shemin and P Benharash, Los Angeles, CA. David Geffen School of Medicine at UCLA

4:15 THE REALITY OF THE ANGELINA EFFECT: BILATERAL BREAST RECONSTRUCTION IN PATIENTS WITH GENETIC SUSCEPTIBILITY, FAMILY HISTORY, CANCER PHOBIA.
S Yang, J Dhillon, H Kim and S Gupta, Loma Linda, CA and Riverside, CA. Loma Linda University School of Medicine
4:30 REDUCING POST-OPERATIVE COMPLICATIONS IN BREAST RECONSTRUCTIONS BY SELECTING NEW INCISION SITES: A PRELIMINARY CASE SERIES.
W Pinette, J Dhillon, P Lewis, S Gupta and ME Hill, Loma Linda, CA. Loma Linda University

4:45 A SYSTEMATIC REVIEW OF SYSTEMIC COBALTISM FOLLOWING WEAR OR CORROSION OF CHROME-COBALT HIP IMPLANTS.
E Woelber, B Gessner, T Steck and S Tower, Seattle, WA and Anchorage, AK. University of Washington

5:00 MINIMALLY INVASIVE SURGERY FOR ADOLESCENT IDIOPATHIC SCOLIOSIS - TWO YEAR FOLLOW UP: LESSONS LEARNED.
M Nitikman, S Desai and F Miyani, Vancouver, BC, Canada. University of British Columbia

5:15 ANGLE-SUPPORTED PHAKIC INTRAOCULAR LENS FOR THE CORRECTION OF MYOPIA: THREE-YEAR FOLLOW-UP.
NR Norton and H Gimbel, Loma Linda, CA. Loma Linda University

5:30 ASSESSMENT OF THE EFFICACY OF A NOVEL ANTIBIOTIC COATING IN DECREASING PERIPROSTHETIC INFECTION USING AN ESTABLISHED IN VIVO MOUSE MODEL.
AH Loftin, S Zhu, AI Stavrakis, JE Manegold, SA Richman, T Segura and NM Bernthal, Los Angeles, CA. UCLA Health

5:45 PREDICTING MAJOR COMPLICATIONS AFTER CYTOREDUCTIVE SURGERY AND HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY.
T Kwong, J Baumgartner, K Kelly, K Messer and A Lowy, La Jolla, CA. University of California

CONCURRENT SESSIONS
Saturday, January 31, 2015
8:00 AM – 10:00 AM

Jointly sponsored by
WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
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WESTERN STUDENT MEDICAL RESEARCH FORUM

Adolescent Medicine and General Pediatrics II
Rehearsal Room (Sunset Center)
Samrat U. Das, Eche Ezeanolue, and Rita Shah, Presiding

8:00 USING ELECTRONIC METHODS TO CURB IRRESPONSIBLE DRINKING IN BUTTE ADOLESCENTS.
A Aldredge, Seattle, WA. University of Washington School of Medicine (Abbott Subspecialty Award) (WSMRF)

8:15 PROMOTING HEALTH LITERACY OF URBAN UNDERSERVED TEENS: IS THERE A ROLE FOR SOCIAL MEDIA?
M Bailey and S Uijtdehaage, Los Angeles, CA. David Geffen School of Medicine at UCLA

8:30 WALKING SCHOOL BUS: INCREASING PHYSICAL ACTIVITY OF CHILDREN IN ELLENSBURG, WA BY ACTIVE TRANSPORTATION TO SCHOOL.
C Pigott, Seattle, WA. University of Washington (WSMRF)

8:45 IDENTIFYING FAMILIES’ MOST COMMON PSYCHOSOCIAL STRESSORS IN A PEDIATRIC RESIDENT CLINIC IN FRESNO, CA: PHASE I OF A QI PROJECT TO PREVENT CHILDHOOD MALTREATMENT.
A Azimi, C Santos and S Yang, Fresno, CA. UCSF-Fresno Graduate Medical Education

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9:00  A COMMUNITY TEACHING GARDEN FOR THE YOUNG PEOPLE OF CLE ELUM.
YY Elikh, Seattle, WA. University of Washington
Abstract 336

9:15  FISH TO PRESCHOOLS: AN OBESITY INTERVENTION IN JUNEAU, ALASKA.
SW Sussman, Seattle, WA. University of Washington (WSMRF)
Abstract 337

9:30  BROWNING/CHARLO HEALTH AND SCIENCE CLUB OF MONTANA WWAMI: SPARKING CURIOSITY IN RURAL MONTANA HIGH SCHOOL STUDENTS.
J Campbell, Seattle, WA. University of Washington (WSMRF)
Abstract 338

9:45  RISK FACTORS AND OUTCOMES IN PEDIATRIC SUBPERIOSTEAL ABSCESSES.
J Johnston, H Davis and W Dehority, Albuquerque, NM. University of New Mexico School of Medicine
Abstract 339

10:00 am – 11:00 am Break and Poster Session

General Internal Medicine and Aging
Babcock #6 (Sunset Center)
Cameron Bass and Tyra Fainstad, Presiding

8:00  HEAD IMAGING IN THE PRIMARY CARE SETTING: AN ANALYSIS OF ORDERING PATTERNS, COST, AND OUTCOMES FOR MINOR HEAD TRAUMA, HEADACHES, AND MIGRAINES.
J Fujimoto, D Karlin and J Ma, Los Angeles, CA. University of California, Los Angeles
Abstract 340

8:15  DEPRESSION IN PATIENTS WITH CICATRICIAL AND NON-CICATRICIAL ALOPECIA.
SD Dreyer and C Goh, Los Angeles, CA. David Geffen School of Medicine at UCLA
Abstract 341

8:30  CHARACTERIZATION OF FOOT STRIKE PATTERN AND INJURY IN ATHLETES COMPETING IN A 7 DAY STAGED 200-KM ULTRAMARATHON.
DM Haddleur and BJ Krabak, Seattle, WA. University of Washington (WSMRF)
Abstract 342

8:45  HIV-INFECTION AND AGING: DOES HIV INFECTION LEAD TO SHORTENED TELOMERES?
E Auld, E Chang, J Lin, E Blackburn and L Huang, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)
Abstract 343

9:00  ASSOCIATION BETWEEN OBSTRUCTIVE SLEEP APNEA SYNDROME AND GLAUCOMA IN MEDICARE BENEFICIARIES.
CH Kim, V Tseng, F Yu, F Lum and AL Coleman, Los Angeles, CA and San Francisco, CA.
Abstract 344

9:15  EFFECTS OF IQMIK AND COPENHAGEN ON WOUND HEALING IN ORAL EPITHELIUM.
ME Warren and C Knall, Seattle, WA and Anchorage, AK. University of Washington (WSMRF)
Abstract 345

9:30  State-of-the-Art Speaker
PREVENTING FALLS IN COMMUNITY-DWELLING OLDER ADULTS.
Elizabeth A. Phelan, University of Washington

10:00 am – 11:00 am Break and Poster Session

Neonatology - Perinatal Biology II
Studio 105 (Sunset Center)
Laura Brown and Lisa Joss-Moore, Presiding

8:00  A MURINE MODEL OF ACUTE SUBCLINICAL MATERNAL INFLAMMATION IN LATE PREGNANCY.
M Ozem, H Zhao, VD Winn, F Kalish, TD Palmer, RJ Wong and DK Stevenson, Stanford, CA.
Stanford University
Abstract 346

8:15  IN UTERO HYPOXIA-ISCHEMIA AND LIPOPOLYSACCHARIDE ADMINISTRATION IN RATS INDUCES HISTOLOGICAL CHORIOAMNIONITIS.
J Maxwell, V Winn, L Jantzie, Albuquerque, New Mexico, MA and Boston, MA. University of New Mexico
Abstract 347

8:30  ATTENUATED GLUCOSE STIMULATED INSULIN SECRETION FOLLOWING CHRONIC HYPOXEMIA IS DUE TO AN INTRINSIC ISLET DEFECT IN FETAL SHEEP.
JS Benjamin, CB Culpepper, L Brown, S Thorn, S Jonker, M Davis, S Limesand, R Wilkening, WW Hay and P Rozance, Aurora, CO. University of Colorado - Denver (WSPR Mead Johnson Travel Award Winner) (WSPR)
Abstract 348

8:45  MATERNAL NUTRITION RESTRICTION PERTURBS FETAL BRAIN CELLULAR PROFILE.
M Sondhi, B Shin, A Ganguly and S Devaskar, Los Angeles, CA. David Geffen School of Medicine at UCLA
Abstract 349

9:00  CHRONIC HYPOXEMIA INDUCES HEPATIC GLUCOGENESIS IN FETAL SHEEP.
CB Culpepper, JS Benjamin, L Brown, S Thorn, S Jonker, R Wilkening, WW Hay and P Rozance, Denver, CO and Portland, OR. University of Colorado (WSPR)
Abstract 350

9:15  MYOBLASTS MAINTAIN PROLIFERATIVE CAPACITY DESPITE DECREASED MUSCLE GROWTH IN THE INTRAUTERINE GROWTH RESTRICTED FETAL SHEEP.
A Blake, P Rozance, N Isenberg, S Thorn, WW Hay and L Brown, Aurora, CO. University of Colorado
Abstract 351

9:30  State-of-the-Art Speaker
FETAL GLUCOSE METABOLISM IN INTRAUTERINE GROWTH RESTRICTION.
Meena Garg, David Geffen School of Medicine at UCLA
Abstract 352

10:00 am – 11:00 am Break and Poster Session

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Pulmonary and Critical Care II
Promenade Lobby (Sunset Center)
Philippe Montgrain and Amir A. Zeki, Presiding

8:00 ARTERIAL BLOOD CHANGES DURING EXERCISE IN HELIUM-OXYGEN DIVERS AT 10 ATMOSPHERES.
LW Raymond, Chapel Hill, NC. University of North Carolina, Chapel Hill (WAFMR)
Abstract 352

8:15 SAFETY AND CLINICAL UTILITY OF FIBEROPTIC BRONCHOSCOPIC CRYOEXTRACTION IN PATIENTS WITH NON-NEOPLASM TRACHEOBRONCHIAL OBSTRUCTION: A RETROSPECTIVE CHART REVIEW.
F Lam, N Sriratanaviriyakul, B Morrissey, N Stollnwerk and K Yoneda, Sacramento, CA and Mather, CA. University of California, Davis (WSCI Travel Award Winner)
Abstract 353

8:30 NEUROMUSCULAR BLOCKADE IMPROVES FIRST ATTEMPT SUCCESS FOR INTUBATION IN THE INTENSIVE CARE UNIT.
H Chopra, J Mosier, J Sackles, J Malo and JW Bloom, Tucson, AZ. University of Arizona
Abstract 354

8:45 DEVELOPMENT OF A PIPELINE FOR AUTOMATED VENTILATOR WAVEFORM ANALYSIS.
MK Lieng, BT Kuhn, J Delplanque, NR Anderson and JY Adams, Sacramento, CA and Sacramento, CA. University of California, Davis
Abstract 355

9:00 TRANSLATION OF SMALL MOLECULES THERAPIES FROM AN INDUCED PLURIPOTENT STEM CELL MODEL OF IDIOPATHIC PULMONARY FIBROSIS TO THE BLEOMYCIN MOUSE MODEL.
E Li, P Vijayaraj and B Gomperts, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 356

9:15 State-of-the-Art Speaker
SLEEP AND OBESITY.
Lisa Shives, University of California San Diego Health System

10:00 am – 11:00 am Break and Poster Session

Surgery IV
Green Room (Sunset Center)
Rachael Safyon and Toby Keys, Presiding

8:00 CANCELLED

8:15 MRI FINDINGS IN ASYMPTOMATIC ELITE OVERHEAD ATHLETES.
NH Goldhaber, C Lee, S Davis, J Wosmek, A Brock and W Stetson, Burbank, CA. Stetson Powell Orthopedics and Sports Medicine (WSCI Travel Award Winner)
Abstract 358

8:30 CLINICAL OUTCOMES OF MIDDLE FOSSA CRANIOTOMY FOR SUPERIOR SEMICIRCULAR CANAL DEHISCENCE REPAIR.
LK Chung, N Ung, D Nagasawa, P Pelargos, K Thill, Q Gopen and I Yang, Los Angeles, CA. David Geffen School of Medicine at UCLA (WSMRF)
Abstract 359

8:45 CANCELLED

9:00 EFFICACY OF A MULTIFACETED PROGRAM TO REDUCE READMISSION AFTER CARDIAC SURGERY.
I McElroy, H Wu, E Gee, N Satou, R Shemin and P Benharash, Los Angeles, CA. David Geffen School of Medicine at UCLA
Abstract 361

9:15 DEVELOPMENT OF A PATIENT SATISFACTION SURVEY AT BC CHILDREN’S HOSPITAL.
S Ghavini, P Jawadian, E Skarsgard, T Newlove and K Afshar, Vancouver, BC, Canada. University of British Columbia
Abstract 362

9:30 RELIABILITY OF DIFFUSION TENSOR IMAGING TRACTOGRAPHY FOR FACIAL NERVE IMAGING IN PATIENTS WITH VESTIBULAR SCHWANNOMA.
N Ung, LK Chung, N Cremer, M Mathur, B Voth, K Thill, I Mathur and I Yang, Los Angeles, CA. University of California, Los Angeles
Abstract 363

9:45 AIRWAY MANAGEMENT IN PIERRE ROBIN SEQUENCE: THE VANCOUVER CLASSIFICATION SYSTEM.
A Poov, W Li, D Courtemanche, C Verchere, S Robertson, C Malic, M Bucevska and J Arneja, Winnipeg, MB, Canada; Vancouver, BC, Canada; Winnipeg, BC, Canada and Ottawa, ON, Canada. University of Manitoba
Abstract 364

10:00 am – 11:00 am Break and Poster Session
**POSTER SESSION III**

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WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
WESTERN SOCIETY FOR CLINICAL INVESTIGATION
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR PEDIATRIC RESEARCH
WESTERN STUDENT MEDICAL RESEARCH FORUM

*Carpenter Hall*
Saturday, January 31, 2015
8:00 AM – 12:30 PM
*(Presenters in attendance from 10:00 am – 11:00 am)*

**Health Care Research**

**Hematology and Oncology**

**Immunology and Rheumatology**

**Infectious Diseases**

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CONCURRENT SESSIONS

Saturday, January 31, 2015
11:00 AM – 12:30 PM

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Adolescent Medicine and General Pediatrics III
11:00 ACUTE RENAL FAILURE AND UROSEPSIS PRESENTING AS FAILURE TO THRIVE IN A WELL APPEARING NEONATE.
S Rao, JR Brandt, A Staples and H Agarwal, Albuquerque, NM. University of New Mexico
Abstract 400

11:15 WILLIS EKBOM DISEASE/RESTLESS LEGS SYNDROME AND SENSORY PROCESSING ABNORMALITIES: PRESENTATIONS AND INTERCONNECTIONS IN CHILDREN WITH NEURODEVELOPMENTAL CONDITIONS.
S Dhalla, O Ipsirolgu, M Berger, N Beyzaie and J Garden, Vancouver, BC, Canada.
University of British Columbia (WSMRF)
Abstract 401

11:30 IMPROVING IMMUNIZATION RATES AMONG ADOLESCENTS IN LAKE PEND OREILLE SCHOOL DISTRICT IN IDAHO.
S McCreery, Seattle, WA. University of Washington (WSMRF)
Abstract 402

11:45 THE IMPACT OF SMALL KIDNEYS.
D Cojocaru, E Martsell, A Eddy and DG Martsell, Vancouver, BC, Canada.
British Columbia Children's Hospital (WSMRF)
Abstract 403

12:00 EVALUATION OF NEONATAL RESUSCITATION TRAINING STATUS AT DELIVERY FACILITIES IN THE BIBIANI-ANHWIASO-BEKWAH DISTRICT, GHANA.
CJ Gross, E Avis, S Gustafson, R Dadovitz and D Rickard, Los Angeles, CA and Bekwai, Ghana.
David Geffen School of Medicine at UCLA
Abstract 404

12:15 USE OF SCREENING, BRIEF INTERVENTION AND REFERRAL TO TREATMENT WITH HIGH-RISK ADOLESCENTS.
RL Lum Ho, M Pugatch, L Scholl, S Levy and ER Weitzman, Seattle, WA and Boston, MA.
University of Washington School of Medicine (WSMRF)
Abstract 405

Cardiovascular IV

11:00 FIBROSIS-RELATED GENE AND MICRORNA EXPRESSION IN PEDIATRIC IDIOPATHIC DILATED CARDIOMYOPATHY.
H Nguyen, A Siomos, K Nunley, BL Stauffer, CC Sucharof and S Miyamoto, Aurora, CO and Hartford, CT. University of Colorado Denver School of Medicine (WSMRF)
Abstract 406

11:15 CELL BASED THERAPIES AND INFLAMMATION IN HEART FAILURE: EXPRESSION OF INTERLEUKIN 1.
AC Pandey, J Lancaster, D Harris, S Goldman and E Juneman, Tucson, AZ. University of Arizona (WSCI Travel Award Winner) (WAFMR)
Abstract 407

11:30 DO PRIOR DRIVELINE INFECTIONS INCREASE THE RISK OF INFECTION IN HEART TRANSPLANT PATIENTS TREATED WITH ATG INDUCTION THERAPY?
D Arman, F Liou, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center
Abstract 408
11:45 CHILDREN WITH PRETRANSPLANT GLENN/FONTAN PHYSIOLOGY ARE AT INCREASED RISK FOR POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME AFTER HEART TRANSPLANTATION.
B Eilers and M Kemna, Seattle, WA. University of Washington
Abstract 409

12:00 HLA ANTIBODY CLASS AFFECTS OUTCOMES AFTER HEART TRANSPLANT.
F Liou, R Shiozaki, S Siddiqui, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center
Abstract 410

12:15 SHORTER COLD ISCHEMIC TIME IN OLDER DONORS POST-HEART TRANSPLANT APPEARS TO BE PROTECTIVE.
K Murayama, F Liou, J Yabuno, M Hamilton and J Kobashigawa, Los Angeles, CA.
Cedars-Sinai Medical Center
Abstract 411

Health Care Research III
Babcock #6 (Sunset Center)
Edward S. Lee, Presiding

11:00 MEDICAL STUDENTS’ PERCEPTIONS OF MEDICAL SCHOOL CULTURE: A MAJORITY-MINORITY PERSPECTIVE.
JG Lee and ML Stuber, Los Angeles, CA. University of California, Los Angeles
Abstract 412

11:15 EVOLVING PRACTICE PATTERNS IN IMAGING PREGNANT PATIENTS WITH ABDOMINAL COMPLAINTS: A SURVEY OF THREE RADIOLOGICAL SOCIETIES.
W Hansen, M Moshiri, D Katz, R Lamba and P Bhargava, Seattle, WA; Mineola, NY and Davis, CA. University of Washington (WSMRF)
Abstract 413

11:30 IMPROVING PNEUMOCOCCAL POLYSACCHARIDE (PNEUMOVAX) VACCINATION RATES FOR SENIORS IN PRIMARY CARE CLINICS.
RL Citron, E Curcio and A Kuo, Los Angeles, CA. David Geffen School of Medicine at UCLA
Abstract 414

11:45 CURRICULA INVENTORY ON AFRICAN AMERICAN HEALTH DISPARITIES IN U.S. MEDICAL SCHOOLS.
JM Lemon and FC Overstreet, Seattle, WA. University of Washington (WSMRF)
Abstract 415

12:00 IMPROVING NURSING CARE IN A CHILDREN’S HOSPITAL IN RURAL INDIA.
J Leavy, J Janes, TA Erickson, SM Folsom, J Koncinsky, S Schoenhals and B Fassl, Salt Lake City, UT. University of Utah School of Medicine
Abstract 416

12:15 DRAMATIC REDUCTIONS IN MORTALITY IN HOSPITALIZED PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS IN WASHINGTON STATE FROM 2003 TO 2011.
LB Goss, J Ortiz, DM Okamura, K Hayward and CH Goss, Seattle, WA. Ingraham High School (WSMRF)
Abstract 417

Hematology and Oncology II
Green Room (Sunset Center)
Thomas Deloughery and Jorge Nieva, Presiding

11:00 IMPROVING UNDERSTANDING AND MANAGEMENT OF POLYOMAVIRUS-NEGATIVE MERKEL CELL CARCINOMA.
A Mosheri, L Yelistratova, P Nghiem and R Doumani, Seattle, WA. University of Washington School of Medicine (WSMRF)
Abstract 418

11:15 PREDICTIVE IMAGING OF OROPHARYNGEAL SQUAMOUS CELL CANCER WITH CONTRAST-ENHANCED MRI.
J Arzeno, RA Dumont, W Hsu and A Sepahdari, Los Angeles, CA. David Geffen School of Medicine at UCLA
Abstract 419

11:30 INVESTIGATING THE EFFECTS OF ADIPOSE DERIVED STEM CELLS AND FETAL LUNG FIBROBLASTS ON LUNG CANCER PROLIFERATION.
C Bae, H Li, X Zhang and L Zhong, Pomona, CA. Western University of Health Sciences (WSMRF)
Abstract 420

11:45 COMBINATIONAL THERAPY ENHANCES ANTITUMOR ACTIVITY IN TUMORS RESISTANT TO IRINOTECAN TREATMENT IN A PRECLINICAL CRC MODEL.
JL Greene, S Bagby, W Messersmith and J Aracaroli, Aurora, CO. University of Colorado (WSMRF)
Abstract 421

12:00 AN EVALUATION OF THE ROLE OF T790M MUTATIONS IN DISEASE CHARACTERISTICS AND TREATMENT RESPONSE IN NON-SMALL CELL LUNG CANCER (NSCLC).
D Gaut, B Wolf, P Abarca, D Pan, J Goldman and E Garon, Los Angeles, CA. David Geffen School of Medicine at UCLA
Abstract 422

12:15 MAPPING AND CHARACTERIZING WNT PATHWAY DEPENDENCIES IN NON-SMALL CELL LUNG CANCER.
H Scarborough, M Casas-Selbes, B Helfrich and J DeGregori, Denver, CO. University of Colorado Denver (WSMRF)
Abstract 423
Immunology and Rheumatology II  
Conductor's Room  
Kevin Deane and Emil Heinze, Presiding

11:00  BETA-2 ADRENERGIC RECEPTOR SIGNALING REGULATES TLR4-INDUCED IL-12B, PTGS2, IL-6, AND CCL3 GENE EXPRESSION VIA NUCLEAR FACTOR IL-3 (NFIL-3) TRANSCRIPTIONAL REPRESSION.  
MM Karimzada, P Scumpia, G Botten and S Smale, Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 424

11:15  SERPINB2, TREM2 AND DAP12 AS BIOMARKERS FOR LEPROSY.  
DM Poulsar, RM Teles and RL Modlin, Los Angeles, CA. David Geffen School of Medicine at UCLA  
Abstract 425

11:30  INVESTIGATING THE EFFICACY OF SIX CHEMICAL COMPOUNDS ON DOWN-REGULATION OF TNFα PRODUCTION IN MACROPHAGES IN RESPONSE TO PROTEIN KINASE C ACTIVATION BY PHORBOL MYRICRATE ACETATE.  
N Gayz, H Li, X Zhang, S Fuchs, V Venketaraman, J Martin and L Zhong, Pomona, CA.  
Abstract 426

11:45  THE ECONOMIC IMPACT OF PSORIASIS AT A SINGLE CENTER IN TORONTO, ONTARIO.  
TA Gitter, V Chandran and D Gladman, Vancouver, BC and Canada and Toronto, ON, Canada.  
University of British Columbia (WSMRF)  
Abstract 427

12:00  WESTERN ONTARIO AND MCMASTERS UNIVERSITIES OSTEOARTHRITIS INDEX PAIN SURVEY: CORRELATION WITH DAILY PAIN RATINGS OVER THE PRECEDING FIVE DAYS.  
MH Nguyen, RE Yeasted and TJ Schnitzer, Seattle, WA and Chicago, IL.  
University of Washington (WSMRF)  
Abstract 428

12:15  VORICONAZOLE DESENSITIZATION IN THE SETTING OF MULTIPLE DRUG HYPERSENSITIVITY.  
T Jean and K Kwong, Torrance, CA.  
Harbor UCLA Medical Center (WSMRF)  
Abstract 429

Neonatology General IV  
Bingham Room #3 (Sunset Center)  
Robin K. Ohls and Josephine Enciso, Presiding

11:00  IN VIVO INHIBITION OF HEME OXYGENASE ACTIVITY IN THE HEME-LOADED NEWBORN MOUSE USING A MICROPARTICLE FORMULATION OF ZINC PROTOPORPHYRIN.  
K Fujikota, RJ Wong and DK Stevenson, Stanford, CA, Stanford University School of Medicine  
Abstract 430

11:15  PLASMA RENIN CONCENTRATION IS DIFFERENTIALLY AFFECTED BY VENTILATION MODE IN PRETERM LAMBS.  
A Blair, E Staub, MJ Dahl, BA Yoder, DM Null and K Albertine, Salt Lake City, UT. University of Utah  
Abstract 431

11:30  MATERNAL TOBACCO SMOKE EXPOSURE AFFECTS FATTY ACID TRANSPORTER MRNA LEVELS IN THE PLACENTA OF MALE AND FEMALE RAT PUPS.  
C Neugebauer, C Zou, D Requena, Y Wang and LO Joss-Moore, Salt Lake City, UT.  
University of Utah (WSPR Mead Johnson Travel Award Winner)  
Abstract 432

11:45  BRAIN VASCULAR GROWTH FACTOR PROTEIN ABUNDANCE IS DIFFERENTLY AFFECTED BY VENTILATION MODE IN PRETERM LAMBS.  
A Hortica, K Rinehart, L Dong, MJ Dahl, DM Null, BA Yoder and K Albertine, Salt Lake City, UT. University of Utah (WSPR)  
Abstract 433

12:00  HISTONE MODIFICATIONS ARE DIFFERENTIALLY AFFECTED BY VENTILATION MODE IN THE RENAL CORTEX OF PRETERM LAMBS.  
A Blair, E Staub, L Dong, MJ Dahl, BA Yoder, DM Null and K Albertine, Salt Lake City, UT. University of Utah  
Abstract 434

12:15  ONTOGENY OF HISTONE COVALENT MODIFICATIONS IN THE BRAIN OF LAMBS.  
A Havlicak, K Rinehart, L Dong, MJ Dahl, ZM Wang, DM Null, BA Yoder and K Albertine, Salt Lake City, UT and Appleton, WI. University of Utah (WSPR)  
Abstract 435

Neuroscience III  
Chapman #4 (Sunset Center)  
Marie-Francois Chesselet and Donald Smith, Presiding

11:00  OXYTOCIN ENHANCES SOCIAL ATTENTION IN MALE RHESUS MACAQUES.  
S Gopalakrishnan, P Putnam, P Zimmerman and K Gothard, Tucson, AZ.  
University of Arizona College of Medicine  
Abstract 436

11:15  THE EFFECT OF DIET ON THE RESPONSIVENESS OF THE HYPOTHALAMIC FEEDING CIRCUITRY TO INSULIN.  
S Seng and EJ Wagner, Pomona, CA. Western University of Health Sciences  
Abstract 437

11:30  IMMUNE-MODULATION THERAPY WITH GLATIRAMER ACETATE INDUCES EGR-1 EXPRESSION IN RODENT MODELS OF GLAUCOMA AND ALZHEIMER’S DISEASE.  
M Pham, Y Koronyo, K Black and M Koronyo, Pomona, CA; Los Angeles, CA and Los Angeles, CA.  
Western University of Health Sciences (WSMR)  
Abstract 438

11:45  THE ROLE OF PHOSPHATIDYLINOSITOL-3-KINASE IN THE RAPID ESTROGENIC ATTENUATION OF CANNABINOID-INDUCED CHANGES IN ENERGY HOMEOSTASIS.  
S Gopalakrishnan and EJ Wagner, Pomona, CA. Western University of Health Sciences  
Abstract 439

12:00  THE ACHILLES’ HEEL OF ENVIRONMENTAL HEALTH RESEARCH.  
Donald Smith, University of California, Santa Cruz  
State-of-the-Art Speaker

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# Disclosure Information

Those listed below have disclosed all financial relationships. Any real or apparent conflicts of interest (COI) related to the content of their presentations have been resolved.

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<th><strong>First Name</strong></th>
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The following presenters have disclosed that their presentations will involve comments or discussion concerning unapproved or off-label uses of a medical device or pharmaceuticals.

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<th>Unapproved or off-label</th>
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<td>Suzanne Cassidy</td>
<td>Growth hormone</td>
<td>Use in younger children with Prader-Willi syndrome</td>
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<tr>
<td>Irina Conboy</td>
<td>Pxytocin</td>
<td>to enhance tissue repair in the elderly</td>
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<td>Robin Steinhorn</td>
<td>Pfizer, Ikaria (Occasional consultant, income was paid to the University of California Davis for my consulting services)</td>
<td>Pulmonary hypertension</td>
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<td>Sildenafil</td>
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<td>Bosentan</td>
<td>Off-label use and OTC supplement</td>
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<tr>
<td>Kristina Utzschneider</td>
<td>Boehringer Ingelheim consultant N-acetylcysteine</td>
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Western Meeting Locations
Carmel, California

A - Sunset Center
B - Carmel Women’s Club
C - All Saints Church
D - Church of the Wayfarer
E - Pacific Repertory Theater (Golden Bough)
F - Pine Inn
G - La Playa Hotel

55  CARMEt BAY
1. Bingham Room  
2. Chapman Room  
3. Babcock Room  
4. Promenade Lobby  
5. Green Room  
6. Rehearsal Studio  
7. Carpenter Hall  
8. Studio 105  
9. Conductor’s Room