# Program at-a-Glance

**Thursday, January 19, 2023**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity &amp; Location</th>
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</table>
| 9:00 am – 5:00 pm | Speaker Ready Room  
Sunset Center                                                       |
| 9:00 am – 5:00 pm | Registration  
Sunset Center – Entry Lobby                                      |
| 9:30 am – 12:00 pm | WSPR Council Meeting  
Sunset Center – Chapman                                               |
| 10:00 am – 11:45 am | WAP/WSCI Plenary  
Edwin E. Osgood Awardee  
WSCI Outstanding Investigator Award  
WAP/WSCI Distinguished Lectureship  
WAP/WSCI Business Meeting  
Carmel Women’s Club |
| 11:45 am – 12:45 pm | Investigator Workshop  
How to Publish: Tips from the Editor  
(Fellows, Trainees, and Jr. Faculty)  
Food Truck in Sunset Center Parking Lot  
Michael McPhaul  
Richard McCallum  
*Editor, Journal of Investigative Medicine - High Impact Case Reports*  
Sunset Center – Green Room |
| 12:45 pm – 3:00 pm | Concurrent Sessions  
Sunset Center                                                                 |
| Adolescence Medicine and General Pediatrics I – Room 5  
Cardiovascular I – Promenade Lobby  
Endocrinology and Metabolism I – Carmel Women’s Club  
Healthcare Delivery Research I – Babcock #6  
Immunology and Rheumatology I – Chapman #4  
Infectious Diseases I – Conductor’s Room  
Neonatology – General I – Studio 105  
Neonatology – Pulmonary I – Rehearsal Room  
Surgery I – Green Room |
<p>| 3:00 pm – 3:15 pm | Break |</p>
<table>
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<th>Time</th>
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| 3:15 pm – 5:45 pm | **Concurrent Sessions**  
**Sunset Center**  
Cardiovascular II – Promenade Lobby  
Diversity, Equity, Inclusion I – Conductor’s Room  
Healthcare Delivery Research II – Room 5  
Hematology and Oncology I – Green Room  
Neonatology – General II – Babcock #6  
Neonatology – Pulmonary II – Rehearsal Room  
Neuroscience I – Chapman #4  
Pulmonary and Critical Care I – Studio 105  
Surgery II – Carmel Women’s Club |
| 6:00 pm – 8:00 pm | **Welcome Reception and Poster Session**  
Jointly sponsored by  
WAFMR, WAP, WSCI, WSMRF, and WSPR  
Odd numbered posters present from 6-7 pm  
Even numbered posters present from 7-8 pm  
All welcome and encouraged to attend  
**Posters 1-62**  
All Saints Church, Seccombe Hall  
Ninth Avenue & Dolores St.  
and  
**Posters 63-102**  
Sunset Center, Carpenter Hall |
| 7:00 pm – 9:00 pm | **WSPR Abbott Nutrition Reception**  
Open to all WSPR members, trainees, and guests  
Il Fornaio, Ocean Avenue Room |
| 8:30 pm – 10:00 pm | **WSPR Council Dinner**  
(by invitation only)  
Restaurant TBD |
| **FRIDAY, JANUARY 20, 2023** |  
**7:30 am – 5:00 pm**  
**Registration**  
Sunset Center – Entry Lobby |
| **7:30 am – 5:00 pm** | **Speaker Ready Room**  
Sunset Center |
| **8:00 am – 10:00 am** | **Concurrent Sessions**  
**Sunset Center**  
Adolescent Medicine and General Pediatrics II – Studio 105  
Cardiovascular III – Promenade Lobby  
Case Reports I – Carpenter Hall  
Endocrinology and Metabolism II – Carmel Women’s Club  
Gastroenterology – Babcock #6  
Genetics I – Rehearsal Room  
Neonatology – General III – All Saints Church, Seccombe Hall  
Neonatology – Perinatal Biology I – Chapman #4  
Surgery III – Room 5, Sunset Center |
<table>
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<th>Time</th>
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<tbody>
<tr>
<td>10:00 am – 10:15 am</td>
<td><strong>BREAK</strong></td>
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</table>
| 10:15 am – 12:30 pm | **Concurrent Sessions**  
Sunset Center  
Behavior, Development and Psychology I – Chapman #4  
Diversity, Equity, Inclusion Research II – Promenade Lobby  
Healthcare Delivery Research III – Babcock #6  
Hematology and Oncology II – Carpenter Hall  
Infectious Diseases II – Carmel Women’s Club  
Morphogenesis and Malformations – Rehearsal Room  
Neonatology – General IV – All Saints Church, Seccombe Hall  
Nephrology and Hypertension – Green Room  
Neuroscience II – Studio 105  
Surgery IV – Room 5, Sunset Center |
| 12:00 pm – 1:30 pm | **Lunch available on-site for nominal charge**  
Food Truck in Sunset Center Parking Lot  
Serving Mexican Fare |
| 12:30 pm – 1:30 pm | **Investigator Workshop**  
(This talk is aimed at Jr. faculty and fellows, students and trainees also welcome to attend) – Lunch available at food truck  
Mentoring and networking for the clinician and scientist  
Charles Edelstein, MD  
UCHealth University of Colorado  
Sunset Center – Green Room |
| 1:00 pm – 1:45 pm | **Coffee and Dessert Buffet**  
Carmel Women’s Club |
| 1:45 pm – 4:15 pm | **Joint Plenary Session**  
WAFMR, WAP, WSCI, WSMRF, WSPR  
WAP/WSCI Mayo Soley Award  
WSPR Abbott Nutrition Lowell Glasgow Student Research Award  
WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award  
WSPR Abbott Nutrition Young Investigator Research Award  
WSPR Stanley Wright Lecture  
WSPR St. Geme Educator Award  
Carmel Women’s Club |
| 4:15 pm – 5:00 pm | **WSPR Business Meeting**  
Mariana Baserga and Henry Lee Presiding  
All WSPR members invited  
Carmel Women’s Club |
| 4:15 pm – 5:15 pm | **WAFMR Business Meeting and Reception**  
All WAFMR members invited  
Ricardo Correa, Presiding  
Sunset Center – Chapman Room |
<table>
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| 5:15 pm – 6:15 pm  | David Rimoin Lectureship  
The Genetics of Brain Malformations  
Ghayda Mirzaa, University of Washington and Seattle Children’s Hospital  
Sunset Center – Carpenter Hall |
| 5:30 pm – 7:30 pm  | WAP/WSCI Council Meeting  
(by invitation only)  
Cantinetta Luca - Wine Room  
Dolores St. and Ocean Ave. |
| 6:00 pm – 8:00 pm  | WSPR Reckitt/Mead Johnson Nutrition  
Junior Faculty Travel Award  
& Western Perinatal Club  
Leveraging the Placenta to Improve Neonatal Care  
Karen Mestan, Rady Children’s Hospital  
University of California San Diego  
Open to all WSPR, AAP, and CAN Members and Guests  
Western Perinatal Club Briefing  
Carmel Women’s Club |
| 6:15 pm – 7:15 pm  | Dysmorphology Club  
Supported by Abbott Nutrition  
Sunset Center – Carpenter Hall |
|                    | **SATURDAY, JANUARY 21, 2023**                                      |
| 7:30 am – 12:00 pm | Speaker Ready Room  
Sunset Center |
| 7:30 am – 10:00 am | Registration  
Sunset Center – Entry Lobby |
| 8:00 am – 10:00 am | Concurrent Sessions  
Sunset Center  
Behavior, Development and Psychology II – Chapman #4  
Diversity, Equity and Inclusion III – Room 5, Sunset Center  
Endocrinology and Metabolism III – Green Room  
Genetics II – Rehearsal Room  
Healthcare Delivery Research IV – Babcock #6  
Neonatology – General V – Carpenter Hall  
Neonatology – Perinatal Biology II – Studio 105  
Pulmonary and Critical Care II – Promenade Lobby |
| 10:00 am – 10:15 am| **BREAK**                                                             |
| 10:15 am – 12:00 pm| Concurrent Sessions  
Sunset Center  
Case Reports II – Promenade Lobby  
Genetics III – Rehearsal Room  
Healthcare Delivery Research V – Babcock #6  
Hematology and Oncology III – Green Room  
Immunology and Rheumatology II – Room 5 |
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<th>Time</th>
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<tr>
<td>12:15 pm – 2:00 pm</td>
<td>Society Officers Planning Meeting</td>
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<td>(by invitation only)</td>
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<td>Sunset Center – Chapman #4</td>
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CME CERTIFICATION

This Live activity, 2023 Western Medical Research Conference, with a beginning date of January 19, 2023, is accredited for 19.50 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 Wednesday, January 25, 2023. 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, 2023. Duplicate certificates are available at any time.
Thursday, January 19, 2023

WAP/WSCI Plenary Session

Jose M. Garcia, VA Puget Sound Healthcare System
WSCl Outstanding Investigator Awardee
From Bench to Bedside: Developing Treatments for Cancer Cachexia
10:15 AM – 11:00 AM
Carmel Women’s Club

WAP/WSCI Plenary Session

David Gilbert, Providence Portland Medical Center
WAP/WSCI Distinguished Lectureship
The Past, Present, and Future of Infectious Diseases: A Personal Perspective
11:00 AM – 11:45 AM
Carmel Women’s Club

Neonatology Pulmonary I

Cassidy Delaney, University of Colorado Medicine, Children's Colorado
WSPR Chiesi State-of-the-Art Speaker
Platelets: Bystander or Driver of Inflammatory Mediated Vascular Remodeling and Pulmonary Hypertension?
1:30 PM - 2:00 PM
Rehearsal Room, Sunset Center

Endocrinology and Metabolism I

Stefanie Page, University of Washington
State of the Art Speaker:
Male Hormonal Contraception: Addressing an Unmet Public Health Need?
1:45 PM - 2:15 PM
Carmel Women's Club

Adolescent Medicine and General Pediatrics I

Tandy Aye, Stanford Medicine
Prolapca State-of-the-Art Speaker
Current Hot Topics in Gender Medicine
2:00 PM - 2:30 PM
Carpenter Hall, Sunset Center

Cardiovascular I

Orfeo Sbaizero, University of Trieste, University of Colorado Anschutz Medical Campus
State of the Art Speaker
Investigating the biophysical basis of arrhythmogenic cardiomyopathies
2:30 PM - 3:00 PM
Promenade Lobby, Sunset Center

Neonatology Pulmonary II

Michael A. O'Reilly, University of Rochester
University of Utah Inaugural Kurt L. Albertine State-of-the-Art Lecture
Oxygen at birth: More than a gas to breathe
4:00 PM - 4:30 PM  
Rehearsal Room, Sunset Center

**Neonatology General II**  
*Anca Pasca, Stanford University*  
*Stanford University Philip Sunshine State-of-the-Art Speaker*  
Investigating Neurodevelopmental Disorders Using Human Brain Organoids  
4:15 PM - 4:45 PM  
Babcock #6, Sunset Center

**Friday, January 20, 2023**  
**Neonatology General III**  
*Denise Al Alam, UCLA*  
*UCLA Vedang Londhe Memorial State-of-the-Art Speaker*  
Understanding human lung development  
8:15 AM - 8:45 AM  
All Saints Church, Seccombe Hall

**Neonatology - Perinatal Biology I**  
*Evan Snyder, Sanford Burnham Prebys Medical Discovery Institute*  
*University of Colorado Fred Battaglia State-of-the-Art Speaker*  
Mechanistic underpinnings for a clinical trial testing the neuroprotective efficacy of human neural stem cells in perinatal asphyxia  
9:30 AM - 10:00 AM  
Chapman #4, Sunset Center

**Neonatology General IV**  
*Diana Montoya-Williams, Children's Hospital of Philadelphia*  
*University of Southern California Joan E. Hodgman State-of-the-Art Lecture*  
Inequities by Race, Ethnicity & Nativity: A Journey towards Anti-Racist Research  
10:45 AM - 11:15 AM  
All Saints Church, Seccombe Hall

**Behavior, Development and Psychology I**  
*Ty Vernon, University of California Santa Barbara*  
*UC Davis Robin Hansen State-of-the-Art Speaker*  
Motivation-Based Intervention Strategies for Children and Adults with Autism  
11:00 AM - 11:30 AM  
Chapman #4, Sunset Center

**Morphogenesis and Malformations**  
*Matthew Deardorff, Children's Hospital Los Angeles, Keck School of Medicine*  
*Prolacta State-of-the-Art Speaker*  
Human Cohesinopathies: Embracing These Rare Disorders  
Friday, January 20, 2023  
11:15 AM - 11:45 AM  
Rehearsal Room, Sunset Center
Joint Plenary Session
WAP/WSCI Mayo Soley Award
**Presenter: Kristen Nadeau, Children's Hospital Colorado**  
**Recipient: Jane Reusch, University of Colorado School of Medicine**  
Friday, January 20, 2023  
1:45 PM - 2:00 PM  
Carmel Women's Club

Joint Plenary Session  
**Robert Dietz, University of Colorado School of Medicine**  
WAFMR Young Investigator Award  
A novel model of neonatal global ischemia to improve translational strategies for hypoxic-ischemic encephalopathy  
2:00 PM - 2:15 PM  
Carmel Women's Club

Joint Plenary Session  
**Tim Bahr, University of Utah, Intermountain Healthcare**  
WSPR Abbott Nutrition Young Investigator Research Award  
**TBD**  
2:45-3:15 PM  
Carmel Women’s Club

Joint Plenary Session  
**Grace Lee, Stanford Children’s Health**  
WSPR Stanley Wright Memorial Lecture  
COVID 19 Vaccines: Decision Making During A Pandemic  
3:15-3:45 PM  
Carmel Women’s Club

David Rimoin Lectureship  
**Ghayda Mirzaa, University of Washington and Seattle Children’s Hospital**  
The Genetics of Brain Malformations  
5:15 pm – 6:15 pm  
Sunset Center – Carpenter Hall

**Saturday, January 21, 2023**  
**Immunology and Rheumatology II**  
**Jane Hoyt Buckner, Benaroya Research Institute, University of Washington**  
State-of-the-Art Speaker  
Regulatory T cells in T1D – from GWAS to gene editing  
Jane Hoyt Buckner, Benaroya Research Institute, University of Washington  
10:15 AM - 10:45 AM  
Conductor's Room, Sunset Center
**2023 Western Medical Research Conference**

**Award Winners**

*AFMR Henry Christian Award*
Jorge Rodriguez-Gil, Stanford University, Stanford University, NHGRI/NIH
Neema Pithia, University of California Los Angeles
Dallin Hubbard, University of Utah

*Edwin E. Osgood Award*
Anthony Adducci, University of Colorado School of Medicine

*WAFMR Young Investigator Award*
Robert Dietz, University of Colorado School of Medicine

*WAFMR/WAP/WSCI Student Subspecialty Award*
Alyssa Becker, Oregon Health & Science University, John A. Burns School of Medicine, University of Hawaii
Nathaniel DeMarco, Western University of Health Sciences
Aspen Johnston, University of Colorado School of Medicine
Jenny Liu, The Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center, Fudan University Shanghai Medical College
Rachel Livergant, University of Alberta, University of British Columbia
Van Nguyen, University of Washington School of Medicine
Jacob Plaisted, University of Colorado School of Medicine
Caitlin Robinson, University of Colorado, School of Medicine
John Rustad, University of Utah, University of Vermont College of Medicine
Brandon Scott, University of California San Diego
Daniil Sokolov, Loma Linda University School of Medicine
Julia Tryon, University of Washington

*WAFMR/WAP/WSCI Outstanding Resident Award*
Blake Adnani, University of Southern California

*WAP/WSCI Travel Award*
Zayna Bakizada, Oregon Health & Science University
Joshua Bloomstein, University of Washington
Daniel Carlson, University of Colorado Anschutz Medical Campus
Emilie Foltz, Oregon Health and Science University, Washington State University Elson S. Floyd College of Medicine
Sheiphali Gandhi, University of California San Francisco
Alisa Goldrich, Harbor UCLA Medical Center
Ian Marpuri, Children's Hospital Los Angeles
Khalid Taha, University of British Columbia
Stuti Tanya, McGill University
Erika Tiemeier, University of Colorado Anschutz Medical Campus
Aniekanabasi Udoko, University of Colorado School of Medicine

**WSPR Abbott Nutrition David W. Smith Pediatric Trainee Research Award**
Michael Cookson, University of Colorado

**WSPR Abbott Nutrition Lowell Glasgow Student Research Award**
Ellese Lupori, Western University of Health Sciences, The Center for Orthopedic and Neurosurgical Care & Research

**WSPR Abbott Nutrition Outstanding Resident Research Award**
Elizabeth McGinn, University of Colorado

**WSPR Abbott Nutrition Subspecialty Award**

Joshua DeJong, Madigan Army Medical Center
Esther Kim, University of California, Los Angeles
Jillian Kirk, University of Colorado Anschutz Medical Campus, Children’s Hospital Colorado
Sydney Martin, Children’s Hospital Colorado
Ana Starcevich, UC Davis School of Medicine
Zoë Vordos, University of Utah
Hui Zhao, Stanford University School of Medicine

**WSPR Abbott Nutrition Young Investigator Research Award**
Timothy Bahr, University of Utah, Intermountain Healthcare

**WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award**
Jill Chang, University of Colorado Denver
Erik Frandsen, Rady's Children's Hospital
Kathleen Hannan, University of Colorado

**WSPR Reckitt/Mead Johnson Nutrition Travel Award**
Adriana Gomes, University of California San Diego
Caroline Harrison, University of Colorado Denver, University of Colorado School of Medicine
Ishani Jhamb, University of California San Diego, Rady Children's Hospital
Sheila Razdan, Stanford University School of Medicine
Eniko Sajti, University of California San Diego
Dayna Stout, Rady Children's Hospital San Diego
Jeremy Woods, Valley Children's Hospital, Stanford University

**WSPR Prolacta Research Travel Award**
Mia Dobbin, Rocky Vista University
Carolyn Fall, UC San Diego, Rady Children's Hospital
Maya Grayck, University of Colorado Anschutz Medical Campus
Sophie Hochhauser, University of Utah
Van Ma, University of California Davis
Manas Tetarbe, University of Southern California
Christopher Torsitano, University of Utah
PLENARY
WESTERN ASSOCIATION OF PHYSICIANS
WESTERN SOCIETY FOR CLINICAL INVESTIGATION

Thursday, January 19, 2023
10:00 AM – 11:45 AM
Carmel Women’s Club

Fred Buckner and W. Conrad Liles, Presiding

10:00 EDWIN E. OSGOOD AWARDEE
INTERLEUKIN-2 KINASE-MEDIATED T-CELL RECEPTOR SIGNALING IS CRITICAL IN THE DEVELOPMENT OF TYPE 1 DIABETES BY OT-1 T-CELLS.
AJ Adducci, L Perrenoud and L Berg, Aurora, CO. University of Colorado School of Medicine

10:15 WSCI OUTSTANDING INVESTIGATOR AWARDSEE
FROM BENCH TO BEDSIDE: DEVELOPING TREATMENTS FOR CANCER cachexia.
Jose M. Garcia, MD, PhD, VA Puget Sound Healthcare System

11:00 WAP/WSCI DISTINGUISHED LECTURESHP –
THE PAST, PRESENT, AND FUTURE OF INFECTIOUS DISEASES:
A PERSONAL PERSPECTIVE
David Gilbert, MD, Providence Portland Medical Center

11:45 ADJOURN

11:45 WAP/WSCI BUSINESS MEETING
CONCURRENT SESSIONS
Thursday, January 19, 2023
12:45 PM – 3:00 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

Adolescent Medicine and General Pediatrics I ……………………Room 5, Sunset Center
Cardiovascular I……………………………………………………………Promenade Lobby
Endocrinology and Metabolism I………………………………………Carmel Women’s Club
Healthcare Delivery Research I………………………………………Babcock #6
Immunology and Rheumatology I………………………………………Chapman #4
Infectious Diseases I……………………………………………………Conductor’s Room
Neonatology – General I………………………………………………Studio 105
Neonatology – Pulmonary I……………………………………………Rehearsal Room
Surgery I …………………………………………………………………Green Room

Adolescent Medicine and General Pediatrics I
Room 5 (Sunset Center)
Dana Gerstbacher, Presiding

12:45 THE EFFECT OF THE COVID-19 PANDEMIC ON ANXIETY AND DEPRESSION IN ADOLESCENTS IN THE MILITARY POPULATION.
J DeJong, J Sakai and K Woodruff, JBLM, WA. Madigan Army Medical Center (WSPR Abbott Nutrition Subspecialty Award)

Abstract 2

1:00 DOLLARS & SENSE: A SCHOOL-BASED EFFORT TO INCREASE FINANCIAL LITERACY IN HIGH SCHOOL STUDENTS.
L Bautista, S Regalado, M Long, E Hernandez, K Colwell and R Kinman, Fresno, CA. Fresno High School

Abstract 3

1:15 FOSTERING THE NEXT GENERATION OF HEALTHCARE LEADERS IN A PANDEMIC WORLD.
A Rivera, N Garza, SJ Cruz and R Kinman, San Francisco, CA; Merced, CA; Fresno, CA. University of California San Francisco

Abstract 4

1:30 WALKABILITY OF SAN BERNARDINO COUNTY’S ELEMENTARY SCHOOLS IN RELATION TO VARIOUS SCHOOL CHARACTERISTICS.
1:45  PLACEBO-CONTROLLED TRIAL IN TANNER 2-3 MALES WITH KLINEFELTER SYNDROME: EFFECT OF TESTOSTERONE GEL VERSUS PLACEBO IN MOTOR SKILLS OUTCOMES.
CR Harrison, SJ Martin, R Boada, S Howell, W Mundo, T Tanda and N Tartaglia, Denver, CO; Aurora, CO; Birmingham, AL. University of Colorado School of Medicine (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WAFMR)

2:00  Prolacta State-of-The Art Speaker:
CURRENT HOT TOPICS IN GENDER MEDICINE
Tandy Aye, Stanford Medicine

2:30  MY IMPLANT IS EXPIRING: A NATIONAL SECRET SHOPPER STUDY OF EXTENDED USE OF THE CONTRACEPTIVE IMPLANT.
M Pai, N Rigler, A Ribeiro de Oliveira and S Mody, La Jolla, CA. University of California San Diego (WSMRF)

2:45  COMPARING THE EFFECTS OF AEROBIC EXERCISE AND YOGA ON STRESS LEVELS IN COLLEGE STUDENTS.
A Lin, M King and E Graham, St. Peter, MN; Somers, WI. Gustavus Adolphus College

Cardiovascular I
Promenade Lobby (Sunset Center)
Luisa Mestroni, Presiding

12:45  ARE PATIENTS WITH A HISTORY OF CHEST RADIATION THERAPY AT HIGHER RISK FOR STERNAL WOUND PROBLEMS AFTER HEART TRANSPLANT?
Y Oda, N Patel, S Kim, T Singer-Englar, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

1:00  EXTRACELLULAR RIBOSOMAL PROTEINS IN MYOCARDIAL HEALING.
AV Thai, CI Doescher, DK Agrawal and FG Thankam, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

1:15  SMALL MOLECULE READTHROUGH COMPOUND GJ103 PREVENTS HERITABLE PULMONARY ARTERIAL HYPERTENSION IN A MOUSE MODEL.
J Liu, CF Leng, Y Wang, L Afrose, J Liu, T Dao, R Sakurai, O Naveed, S Umar and V
Abstract 11

1:30 NOVEL VIRTUAL REALITY EXPERIENCE FOR STRESS REDUCTION AMONG PATIENTS WITH/AT RISK FOR CARDIOVASCULAR DISEASE.
KE Makaroff, C Van, V Grospe, L Edmunds, M Calfon-Press, K Watson and T Horwich, Los Angeles, CA. David Geffen School of Medicine at UCLA

Abstract 12

1:45 DOES AN OPTIMAL LIPID PANEL AFFECT OUTCOME AFTER HEART TRANSPLANTATION?
S Thein, S Kim, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 13

2:00 DISEASE AWARENESS AND CONTRACEPTIVE USE IN PATIENTS WITH CARDIAC DISEASE IN A LOW-RESOURCE SETTING.
A Goldrich, P Bailey, J Woodley, P Pillutla, J Russo and H Stohl, Torrance, CA; Richmond, CA. Harbor UCLA Medical Center (WAP/WSCI Travel Award Winner)

Abstract 14

2:15 MACHINE LEARNING PULSE OXIMETRY IMPROVES CRITICAL CONGENITAL HEART DISEASE SCREENING.
H Siefkes, L Cerny Oliveria, R Koppel, W Hogan, M Garg, E Manalo, N Cresalia, Z Lai, D Tancredi, C Chuah and S Lakshminrusimha, Davis, CA; Queens, NY; Salt Lake City, UT; Los Angeles, CA; Sac, CA; San Franciscisco, CA. UC Davis

Abstract 15

2:30 State-of-The-Art Speaker:
INVESTIGATING THE BIOPHYSICAL BASIS OF ARRHYTHMOGENIC CARDIOMYOPATHIES.
Orfeo Sbaizero, University of Trieste, University of Colorado Anschutz Medical Campus

Endocrinology and Metabolism I
Carmel Women's Club
Stefanie Page, Presiding

12:45 A NEW APPROACH IN DETECTING DIABETIC PERIPHERAL NEUROPATHY: THERMAL IMAGING OF THE PLANTAR FOOT.
E Duran-Valdez, P Soliz, S Saint-Lot and DS Schade, Albuquerque, NM. University of New Mexico

Abstract 16

1:00 SUBCLINICAL AUTONOMIC NEUROPATHY IN TYPE 2 DIABETES.
1:15 DIABETES DISTRESS IN THE PEDIATRIC POPULATION MAY SOMETIMES BE INVISIBLE.
T Imai and R Kinman, Fresno, CA; Vallejo, CA. Touro University

1:30 DIABETES GAMIFICATION: ASSESSING DIABETES KNOWLEDGE WHILE DECREASING APPOINTMENT STRESS IN A PEDIATRIC DIABETES CLINIC.
T Nguyen, N Chaudhary and R Kinman, Fresno, CA. University High School

1:45 State-of-The-Art Speaker:
MALE HORMONAL CONTRACEPTION: ADDRESSING AN UNMET PUBLIC HEALTH NEED?
Stefanie Page, University of Washington

2:15 HOW DOES PHYSICAL ACTIVITY AFFECT WEIGHT MANAGEMENT TREATMENT OUTCOMES IN CHILDREN WITH OBESITY?
N Limberg, SJ Melhorn, M De Leon, BE Saelens, CL Roth and E Schur, Spokane, WA; Seattle, WA. Elson S. Floyd College of Medicine (WSMRF)

2:30 SELECT DELIVERY COMPLICATIONS IN MORBIDLY OBESE PATIENTS.
M Estafanous, C Brewer, K Sterris, S Hart, L Manzanete, L Shields, C Mansour and E Hart, Loma Linda, CA; San Diego, CA. Loma Linda University School of Medicine

2:45 COMPARING METABOLIC SATIETY EFFECTS OF TWO AMINOPYRIDINE KV1 CHANNEL BLOCKERS.
JL Styadi, E Giang, C Hessinger, D Bellinger and R Hartman, Loma Linda, CA. Loma Linda University

Healthcare Delivery Research I
Babcock #6 (Sunset Center)
Susan Graham, Presiding

12:45 ETIOLOGY AND INCIDENCE OF DRY EYE DISEASE IN GUATEMALA.
GA Ung, C Nguyen, TT You, F Dong and S Fuchs, Pomona, CA; Santa Ana, CA. Western University of Health Sciences

1:00 BARRIERS TO ACCESSING HEALTH SERVICES IN RURAL KENYA: A
COMMUNITY PERCEPTION SURVEY.
P Baadh, C Uzoukwu, MK Bassi, K Mulli, N Mulli, C Mulli and B Fassl, Rootstown, OH; Yatta Sub-county, Kenya. *Northeast Ohio Medical University*

1:15 CREATING A TOOL FOR RAPID ASSESSMENT OF COMMUNITY HEALTH NEEDS AND BARRIERS IN RURAL AFRICA: KENYA CASE STUDY.
MK Bassi, PK Baadh, C Uzoukwu, K Mulli, N Mulli, C Mulli and B Fassl, Rootstown, OH; Yatta Sub-County, Kenya. *Northeast Ohio Medical University*

1:30 PROMOTING HEALTH COMMUNICATION AND EDUCATION ON SICKLE CELL DISEASE IN RURAL NEPAL BY PARTNERING WITH LOCAL COMMUNITY HEALTHCARE WORKERS.
Y Deng, R Hong, C Bhatla, C Harrigan and C Lanz, Vancouver, BC, Canada. *University of British Columbia*

1:45 ACCESS TO SICKLE CELL DISEASE TREATMENT IN THE INDIGENOUS THARU POPULATION OF NEPAL.
S Starkey, C Lanz, K Gray and V Kapoor, Vancouver, BC, Canada. *UBC Faculty of Medicine*

2:00 NEEDLES, NARCAN, AND NEIGHBORHOOD SERVICES: REIMAGINING SYRINGE ACCESS IN KETCHIKAN, ALASKA.
S Nethercut, Seattle, WA. *University of Washington School of Medicine*

2:15 HARM REDUCTION STRATEGIES TO LOWER OPIOID MORTALITY IN SOUTHCENTRAL ALASKA.
IJ Richey, Seattle, WA. *University of Washington (WSMRF)*

2:30 THE EFFECT OF SENATE BILL-159 ON THE PROVISION OF HIV PRE- AND POST-EXPOSURE PROPHYLAXIS IN SACRAMENTO, CALIFORNIA.
HR Kathi, LC Xu, A Dao, S Lai, Z Nicholas and V Gerriets, Elk Grove, CA; French Camp, CA. *California Northstate University College of Medicine*

2:45 NUTRITIONAL RECOMMENDATIONS FOR FERTILITY AS PROMOTED ON SOCIAL MEDIA.
N Sims, H Egnew, TL Carroll, A Modesette, L Blair and AL Nelson, Lebanon, OR. *Western University of Health Sciences COMPNW*
12:45 HIGH DOSE IVIG IN MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN AND RESPONSE TO TREATMENT.
*M Soneji*, Loma Linda, CA. Loma Linda University

Abstract 32

1:00 SEROLOGICAL ASSESSMENT OF THE EFFECTIVENESS OF OSTEOPATHIC MANIPULATIVE TO AUGMENT THE COVID-19 VACCINE IMMUNE RESPONSE.
*E Martinez*, B Loveless, P Crone, H Szurmant, S Fuchs and J Sanchez, Pomona, CA. Western University of Health Sciences (WSMRF)

Abstract 33

1:15 INCREASED POPULATION OF CD40+ FIBROBLASTS IS ASSOCIATED WITH IMPAIRED WOUND HEALING AND CHRONIC INFLAMMATION IN DIABETIC FOOT ULCERS.
*JP Littig*, R Moellmer, DK Agrawal and V Rai, Pomona, CA. Western University of Health Sciences

Abstract 34

1:30 ASSESSING CAUSES OF HILAR LYMPHADENOPATHY.
*GR Triant* and M Baker, Tucson, AZ; Palo Alto, CA. University of Arizona College of Medicine - Tucson Stanford University

Abstract 35

1:45 COLD AGGLUTININ-INDUCED HEMOLYTIC ANEMIA IN AN ADOLESCENT WITH OVERLAP SYNDROME.
*A Emamian* and S Sukumaran, Madera, CA. Valley Children's Healthcare

Abstract 36

2:00 UNCOVERING MICROSCOPIC POLYANGIITIS IN THE SETTING OF CHRONIC INTERSTITIAL NEPHRITIS.
*R Kumra, S Singh, R Doris, K Young and M Jasser*, Phoenix, AZ. University of Arizona College of Medicine - Phoenix

Abstract 37

2:15 DRUG-INDUCED LUPUS DUE TO ETHOSUXIMIDE IN AN 11-YEAR-OLD MALE.
*R Sanghavi* and S Sukumaran, Madera, CA. Valley Children’s Hospital

Abstract 38

2:30 DISCREPANCIES IN MELOXICAM COX INHIBITION BETWEEN BALL PYTHONS AND HUMANS.
NR Gilbert, V Zhong, M Issar, S Fuchs and C Eng, Pomona, CA. Western University of Health Sciences

Abstract 39

2:45 ATYPICAL PRESENTATION OF HYPERURICEMIA AND TOPHACENOUS GOUT.
NC Trang, N Kamal, J Douglas, M Beuca, H Lai, E Cobos and S Epannapally, Bakersfield, CA. Kern Medical

Abstract 40

Infectious Diseases I
Conductor’s Room
Fred Buckner and Arash Heidari, Presiding

12:45 VIRULENCE AND GENOMIC ANALYSIS OF S. EPIDERMIDIS HEALTHY SKIN ISOLATE AH6072.
A Cao, K Mills, A Nguyen and A Horswill, Aurora, CO. University of Colorado Anschutz Medical Campus

Abstract 41

1:00 SURFACTANT PROTEIN B REDUCES RESPIRATORY VIRAL INFECTIVITY IN HUMAN LUNGS.
SL Leibel, R McVicar, R Murad, E Snyder and B Croker, San Diego, CA. UCSD SBP (WSPR)

Abstract 42

1:15 MECHANISTIC INVESTIGATION OF T-CELL SEQUESTRATION DURING THE LESIONAL PHASE OF HERPES SIMPLEX VIRUS TYPE 2 INFECTION.
J Tryon and J Zhu, Seattle, WA. University of Washington (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 43

1:30 EXPLORING THE ROLE OF NA⁺/K⁺ ATPASE MEDIATED INFLAMMASOME ACTIVATION AS A POSSIBLE INTERVENTION AGAINST TUBERCULOSIS.
P Kishore, JF Reijneveld and S Suliman, Pomona, CA; San Francisco, CA. Western University of Health Sciences University of California

Abstract 44

1:45 IMPACT OF PANDEMIC ON RETURN OF ENDEMIC.
R Sharma, C D'Assumpcao, M Valdez, R Johnson, R Kuran and A Heidari, Bakersfield, CA; Los Angeles, CA. Kern Medical David Geffen School of Medicine, UCLA

Abstract 45

2:00 FREQUENCY AND DURATION OF SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS-2 (SARS-COV-2) IN FECES OF BREASTFEEDING MOTHERS WITH AND WITHOUT CONFIRMED
COVID-19.
AG Morse, E King-Nakaoka, R Pace, JE Williams, C Meehan, M Martin, S Ley, C Barbosa-Leiker, MA McGuire and MK McGuire, Seattle, WA; Moscow, ID; Pullman, WA; New Orleans, LA. University of Washington (WSMRF)

Abstract 46

2:15 ASSESSMENT OF MRSA RESISTANCE TO NOVEL ANTIBIOTIC.
E Pong, JR Gillespie, N Molasky and F Buckner, Seattle, WA. University of Washington School of Medicine

Abstract 47

2:30 A FIRST LOOK AT THE T CELL IMMUNE RESPONSE TO ENTEROVIRUS D68: EPITOPE MAPPING AND T CELL CHARACTERIZATION.
K Austin, J Berger and L Berg, Aurora, CO. University of Colorado

Abstract 48

2:45 ENHANCING MOBILE TELEDERMATOLOGY FOR COMMUNITY HEALTHCARE WORKERS IN RURAL NEPAL.
S Ahuja, N Pradhan, S K.C. and E Shrestha, Seattle, WA; Dhulikhel, Nepal. University of Washington

Abstract 49

Neonatology General I
Studio 105 (Sunset Center)
Manoj Biniwale and Robert Dietz, Presiding

12:45 LOCATION, LOCATION, LOCATION: THE ASSOCIATION BETWEEN NEIGHBORHOOD FACTORS AND VERY LOW BIRTHWEIGHT INFANT CARE PROCESSES AND OUTCOMES.
S Razdan, J Liu, S Shariff-Marco, J Magana, SL Carmichael and J Profit, Palo Alto, CA; San Francisco, CA. Stanford University School of Medicine (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WSPR)

Abstract 50

1:00 ALTERATIONS IN PLACENTAL GENE EXPRESSION AND GLYCOGEN-POSITIVE CELLS IN OBESE PREGNANT MICE.
H Zhao, RJ Wong and DK Stevenson, Stanford, CA. Stanford University School of Medicine (WSPR Abbott Nutrition Subspecialty Award)

Abstract 51

1:15 NEONATAL HYPOGLYCEMIA INDUCED AFTER INITIATION OF LATE PRETERM ANTENATAL CORTICOSTEROIDS: A SYSTEMATIC REVIEW AND META-ANALYSIS.
K Nguyen and A Katheria, San Diego, CA; Pomona, CA. Western University of Health Sciences College of Osteopathic Medicine of the Pacific

Abstract 52
1:30 SIMULATION PERFORMANCE IN AN IN-SITU SIMULATION TRAINING PROGRAM IN NEONATAL RESUSCITATION: SIMULATING SUCCESS.
H Lee, BN Lieu and M Bennett, Stanford, CA. Stanford University School of Medicine
Abstract 53

1:45 NEURODEVELOPMENTAL OUTCOMES OF NEONATES WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY WITH ISOLATED WHITE MATTER INCREASED DIFFUSIVITY ON MRI.
A Leathe, A Sun, S Bluml, D Vanderbilt, E Ho, B Tamrazi and T Wu, Los Angeles, CA. LAC+USC Medical Center
Abstract 54

2:00 EFFECT OF ZINC ON GROWTH OUTCOMES IN PRETERM NEONATES AT RISK FOR BRONCHOPULMONARY DYSPLASIA.
A Tarrell, M Sekhon, S Malone Jenkins and B Yoder, Salt Lake City, UT; New Westminster, Canada. University of Utah (WSPR)
Abstract 55

2:15 NEONATAL SUBGALEAL HEMORRHAGE: TWENTY YEARS OF TRENDS IN INCIDENCE, ASSOCIATIONS, AND OUTCOMES IN A MULTI-HOSPITAL HEALTHCARE SYSTEM.
TR Christensen, TM Bahr, ER Henry, C Ling, T Hanton, J Page, SJ Ilstrup, NR Carr, RK Ohls and RD Christensen, Salt Lake City, UT. University of Utah
Abstract 56

2:30 CHANGES IN TREATMENT AND OUTCOMES IN LATE PRETERM AND TERM INFANTS WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY OVER TIME IN A LARGE CALIFORNIA NEONATAL COHORT.
CM Fall, RJ Baer, G Bandoli and CD Chambers, San Diego, CA. UC San Diego Rady Children's Hospital (WSPR Prolacta Fellow Research Travel Award)
Abstract 57

2:45 SEPSIS SCREENING TOOL COMPARISON FOR LATE-ONSET SEPSIS SCREENING IN A LEVEL IV NEWBORN INTENSIVE CARE UNIT TO GUIDE EHR INTEGRATION IN A QUALITY IMPROVEMENT INITIATIVE.
K Simek, P Grubb and C Ling, Salt Lake City, UT. University of Utah
Abstract 58

Neonatology Pulmonary I
Rehearsal Room (Sunset Center)
David McCulley and Clyde Wright, Presiding

12:45 PERINATAL NICOTINE EXPOSURE INDUCES PREMATURE LUNG SENESCENCE.
D Hatai, J Liu, Y Wang, R Sakurai, L Afrose and V Rehan, Los Angeles, CA; Torrance, CA. University of California, Los Angeles The Lundquist Institute
Abstract 59
1:00 INTRAUTERINE GROWTH RESTRICTION WITH INADEQUATE POSTNATAL NUTRITION IMPAIRS RAT LUNG MECHANICS. 
A Cohen, S Hochhauser, R Gage, H Wang and L Joss-Moore, Salt Lake City, UT. 
*University of Utah Health*

Abstract 60

1:15 A SURPRISING LACK OF ASSOCIATION BETWEEN SYSTEMIC SEROTONIN AND PERSISTENT PULMONARY HYPERTENSION OF THE NEWBORN. 
J Archambault, C Palmer, E Nozik, CC Galambos and C Delaney, Aurora, CO. *University of Colorado*

Abstract 61

1:30 **WSPR Chiesi Neonatal Pulmonary State-of-The-Art Speaker:** PLATELETS: BYSTANDER OR DRIVER OF INFLAMMATORY MEDIATED VASCULAR REMODELING AND PULMONARY HYPERTENSION? 
Cassidy Delaney, University of Colorado Medicine, Children’s Colorado

2:00 TARGETING 95-99% SPO2 DOES NOT INCREASE PULMONARY BLOOD FLOW OR OXIDATIVE STRESS IN LAMBS WITH BIRTH ASPHYXIA, MECONIUM ASPIRATION SYNDROME AND PULMONARY HYPERTENSION OF THE NEWBORN. 
E Giusto, D Sankaran, A Lesneski, M Hardie, H Joudi, P Vali and S Lakshminrusimha, Sacramento, CA; Davis, CA. *University of California, Davis*

Abstract 62

2:15 MOLECULAR AND PHENOTYPIC CHARACTERIZATION OF THE PERINATAL ELECTRONIC-CIGARETTE EXPOSURE-INDUCED EFFECTS ON BONE MARROW-DERIVED MESENCHYMAL STEM CELLS. 
C Yu, A Harb, J Liu, R Sakurai and V Rehan, Torrance, CA. *The Lundquist Institute for Biomedical Innovation*

Abstract 63

2:30 EFFECT OF ZINC ON RESPIRATORY OUTCOMES IN PRETERM NEONATES WITH BRONCHOPULMONARY DYSPLASIA. 
A Tarrell, M Sekhon, S Malone Jenkins and B Yoder, Salt Lake City, UT; New Westminster, , Canada. *University of Utah (WSPR)*

Abstract 64

2:45 COMPARISON OF NON-INVASIVE INTERFACES FOR NEONATAL RESPIRATORY SUPPORT USING BUBBLE CONTINUOUS POSTIVE AIRWAY PRESSURE IN AN ARTIFICIAL MODEL OF A NEONATAL AIRWAY. 
LJ Miner, AF Miner, S Cheney and B Yoder, Salt Lake City, UT; New Brunswick, NJ. *University of Utah Intermountain Healthcare (WSPR)*

Abstract 65
12:45 RACIAL DISPARITIES IN ELECTIVE TOTAL KNEE AND HIP REPLACEMENT SURGERIES DURING THE COVID-19 PANDEMIC: A RETROSPECTIVE STUDY OF A DIVERSE POPULATION IN WASHINGTON STATE.

G Alemayehu, BK Jones, S Jabbouri, R Greene, R Roux and C McAllister, Spokane, WA; New Haven, CT; Yakima, WA. Washington State University (WSMRF) Abstract 66

1:00 PERIOPERATIVE PREHABILITATION IN PLASTIC SURGERY PATIENTS: MORBIDITY REDUCTION WITH WHOLE PERSON INTERVENTIONS.

D Sokolov, J Mauricio-Lee and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF) Abstract 67

1:15 BIOMECHANICAL, BIOCHEMICAL, AND IMAGING-BASED MEASURES OF LIGAMENT HEALTH AND RISK FOR PROXIMAL JUNCTIONAL FAILURE IN INDIVIDUALS WITH ADULT SPINAL DEFORMITY.


1:30 A TEMPLATE FOR VIDEO TELEHEALTH HAND AND WRIST CONSULTATIONS DURING THE COVID-19 PANDEMIC: A PRELIMINARY ANALYSIS OF PATIENT AND PROVIDER REPORTED OUTCOMES.

M Tsuchiya and S Gupta, Loma Linda, CA. Loma Linda University (WSMRF) Abstract 69

1:45 HYDRUS MICROSTENT IMPLANTATION WITH COMBINED CATARACT EXTRACTION: MEDIUM-TERM CLINICAL OUTCOMES.

SM Tanya, A Ali-Ridha, RD Adekunle and X Campos-Moller, Concord, , Canada; St. John's, , Canada; Montreal, , Canada; Corner Brook, , Canada. McGill University (WAP/WSCI Travel Award Winner) Abstract 70

2:00 HYDRODISSECTION TREATMENT OF CUBITAL TUNNEL SYNDROME.

MM Kanani and J McGinley, Seattle, WA; Casper, WY. University of Washington Abstract 71

2:15 PREDICTING SURVIVAL FOR PATIENTS UNDERGOING SURGERY FOR METASTATIC SPINE DISEASE.

VS Kalistratova, D Pina, JR Fine, Z Booze, J Holland, J Wick, W Vander Voort, LA Hisatomi, A Villegas, Y Javidan, RF Roberto, E Klineberg and H Le, Sacramento, CA;
Abstract 72

2:30 SYSTEMIC APPLICATION OF HUMAN BONE-MARROW DERIVED MESENCHYMAL STROMAL CELLS TO DIABETIC WOUND HEALING.
B Litmanovich, K Fischer, B Stevens, W Hahn, AC Hostler, H Kussie, K Chen and G Gurtner, Tucson, AZ. University of Arizona

Abstract 73

2:45 THE ENVIRONMENTAL IMPACT OF AMBULATORY SURGICAL CENTRES SURVEY.
BK Bajwa, Z Zhang, Y Tuen and JS Arneja, Vancouver, BC, Canada. University of British Columbia Division of Pediatric Plastic Surgery, BCCH

Concurrent Sessions

Thursday, January 19, 2023
3:15 PM – 5:45 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 II
Room 5, Sunset Center

Diversity, Equity, Inclusion I
Conductor’s Room

Healthcare Delivery Research II
Room 5, Sunset Center

Hematology and Oncology I
Green Room

Neonatology – General II
Babcock Room #6

Neonatology – Pulmonary II
Rehearsal Room

Neuroscience I
Chapman #4

Pulmonary and Critical Care I
Studio 105

Surgery II
Carmel Women’s Club

Cardiovascular II
Promenade Lobby (Sunset Center)
Carlin Long and Robert Ross, Presiding

3:15 PROFILE AND OUTCOMES OF TRANSCATHETER PULMONARY VALVE REPLACEMENT AFTER THE ROSS PROCEDURE.
K Niknejad and DS Levi, Los Angeles, CA. UCLA Mattel Children's Hospital

Abstract 75
3:30 QUANTITATIVE ASSESSMENT OF GLOBAL MYOCARDIAL TISSUE EDEMA IN A SWINE MODEL OF MYOCARDIAL INFARCTION WITH CARDIAC MAGNETIC RESONANCE UTILITY.
A Anilkumar, J Ref, J Lancaster, J Koevary, T Acharya, R Avery and S Goldman, Tucson, AZ. University of Arizona

3:45 THE RELATIONSHIP BETWEEN ABDOMINAL BODY COMPOSITION AND CORONARY CALCIUM SCORES: AN ANALYSIS OF THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS.
JL Korobkin, p Srikanthan, K Watson, M Allison, R Kronmal and T Horwich, Los Angeles, CA; La Jolla, CA; Seattle, WA. Brentwood School UCLA

4:00 REDO HEART TRANSPLANTATION OF STATUS 4 PATIENTS – WHAT IS THEIR WAITLIST MORTALITY?
Z Wakefield, T Singer-Englar, N Patel, S Kim, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute

4:15 CURRENT ERA FOR HEMODYNAMIC COMPROMISE REJECTION AND SUBSEQUENT OUTCOMES AFTER HEART TRANSPLANTATION.
V Ross, T Singer-Englar, S Kim, N Patel, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

4:30 SEX DIFFERENCES IN THE ASSOCIATION OF BODY COMPOSITION AND ALL-CAUSE MORTALITY IN CARDIAC REHABILITATION PATIENTS WITH CORONARY ARTERY DISEASE.
I Liang, K Yan, p Srikanthan and T Horwich, Providence, RI; Los Angeles, CA; San Francisco, CA. Brown University (WSMRF)

4:45 ISCHEMIA CONTROLLED GENES IN ACCELERATED CARDIAL HEALING FOLLOWING MYOCARDIAL INFARCTION.
E Cha, SH Hong, C Fung, D Teramoto, T Rai, J Liu, DK Agrawal and FG Thankam, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

5:00 DOES THE CAV TRAJECTORY SCORE APPLY TO HEART-KIDNEY TRANSPLANT RECIPIENTS?
R Trajano, N Patel, T Singer-Englar, S Kim, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)
5:15 IN PATIENTS UNDERGOING HEART AND KIDNEY TRANSPLANT, HOW LONG DOES THE KIDNEY LAST?
P Hage, S Kim, T Singer-Englar, N Patel, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

Abstract 83

5:30 POINT OF CARE ULTRASOUND IN DIAGNOSING REGIONAL WALL MOTION ABNORMALITIES IN PATIENTS WITH ST SEGMENT ELEVATED MYOCARDIAL INFARCTION.
M Desai, S Saadat, J Baker, A Kurzweil, J Rowland, E Abrams, M Whited and J Fox, Orange, CA; Pomona, CA. Western University of Health Sciences University of California, Irvine

Abstract 84

Diversity, Equity, Inclusion I
Conductor's Room
Anna Ryabets, Presiding

3:15 POST-OPERATIVE MORBIDITY AND MORTALITY IN INDIGENOUS PATIENTS: A SCOPING REVIEW AND META-ANALYSIS.
R Livergant, K Stefanyk, C Binda, G Fraulin, S Maleki, T Hillier and E Joos, Edmonton, Canada; Vancouver, BC, Canada. University of Alberta University of British Columbia (WAFMR/WAP Student Subspecialty Award Winner)

Abstract 85

3:30 GEOSPATIAL ANALYSIS OF THE PROPORTION OF PERSONS DEFINED AS UNDERREPRESENTED IN MEDICINE FOR EACH MEDICAL SCHOOL AND THEIR SURROUNDING CORE-BASED STATISTICAL AREA.
A Benitez-Mello, Z Quinonez, LM Diaz, M Lennig, D Char and C Smith, San Francisco, CA; Palo Alto, CA; Berkeley, CA. University of San Diego

Abstract 86

3:45 TRENDING THE REPRESENTATION OF WOMEN AND UNDER-REPRESENTED MINORITIES IN E-ROAD SPECIALTIES.
C Yan, BM Wong, Y Richter, B Bautista and S Munoz, Sacramento, CA. UC Davis

Abstract 87

4:00 RACIAL DISPARITIES IN THE UTILIZATION OF NEUROIMAGING FOR PEDIATRIC PATIENTS FOLLOWING POSSIBLE HEAD INJURY.
L Gonzales, J Dalal, J Gu, B Lee, K Maramba, V Salwan, A Wong and B Afghani, Irvine, CA; Orange, CA. UC Irvine School of Medicine (WAFMR)

Abstract 88

4:15 LOW MENTAL HEALTH LITERACY PREDICTS YOUTH WITH SYMPTOMS OF ANXIETY AND DEPRESSION: ADVOCATES FOR ALL YOUTH (ALLY).
JL Chandrasekhar, A Dademathews, M Pangelinan, AE Bowen, S Simon, R Musci, CR Studts and J Kaar, Aurora, CO; Auburn, AL; Baltimore, MD. University of Colorado
4:30  DISPARITIES IN ACCESS TO TIMELY SPINE SURGERY EVALUATION.
KR Yamaguchi, CE Drolet, M Kim, T Hanks, LN DePledge, R Sethi and PK Louie,
Seattle, WA. University of Washington

4:45  NURSING SATISFACTION IN COMMUNICATION WITH LANGUAGE
DISCORDANT NURSE-FAMILY PAIRINGS IN THE NEONATAL INTENSIVE
CARE UNIT.
ZM Bakizada, J Hoffman, A Platteau, A Khut and DS Ondusko, Portland, OR. Oregon
Health & Science University (WAP/WSCI Travel Award Winner) (WSMRF)

5:00  DO RACIAL DISPARITIES IN DIAGNOSIS OF DEMENTIA AND ALZHEIMER
DISEASE CONTINUE TO EXIST?
N Sussman, C Chung, M Kanchrakuntla, E Kim, M Thakkar, S Vachhani and B Afghani,
Tucson, AZ; Irvine, CA; Orange, CA. University of Arizona UC Irvine School of
Medicine (WSMRF)

5:15  IMPACT OF COVID-19 PANDEMIC ON A BRITISH COLUMBIA CHILDREN’S
HOSPITAL YOUTH ADVISORY COMMITTEE.
L Bondi, S Grover, C Binda, S Gill, A Beevor-Potts, W Lau, A McFadden, D Duffy, K
Hodgson, C Bland and CA Loock, Vancouver, BC, Canada. University of British
Columbia

5:30  A COMPREHENSIVE LGBTQ+ RESIDENT CURRICULUM.
Y Moufarrej, A Sosa, P Dewanjee and N Webb, Madera, CA. Valley Children’s
Healthcare

Healthcare Delivery Research II
Room 5 (Sunset Center)
??? Presiding

3:15  WASHINGTON-BASED CLINICIAN PERCEPTIONS ON TRANSFERS FROM
PLANNED COMMUNITY BIRTHS TO HOSPITAL CARE.
J Antongiovanni, L Kenefick and H Andersen, Spokane, WA. Washington State
University Elson S. Floyd College of Medicine (WSMRF)

3:30  TELEMEDICINE FOR PEDIATRIC UROLOGICAL CARE DURING THE
COVID-19 PANDEMIC.
G Harianja, M Reimer, C Ritchie, AS Amasyali, C Chen, D Chamberlin and J
3:45  HOME BIRTH IS TRENDING: ATTITUDES AND PRECEPTIONS OF HOME AND HOSPITAL BIRTH ON TIKTOK.
F Lane, K Morris, H Stohl and AL Nelson, Pomona, CA. Western University of Health Sciences

4:00  INTRA-TRANSPORT MEDICATION USE BY A REGIONAL NEONATAL TRANSPORT SERVICE.
DA McKissic, ZC Billimoria, R Mastroianni, T Riley, JE James, R Umoren and M Gray, Seattle, WA. University of Washington (WSMRF)

4:15  PEDIATRIC RESIDENTS’ BELIEFS AND PERCEIVED BARRIERS AROUND FAMILY-CENTERED ROUNDS AT A LARGE ACADEMIC CENTER.
T Wang and B Afghani, Orange, CA. UC Irvine School of Medicine CHOC Hospital of Orange County

4:30  S.T.A.B.L.E TRAINING INCREASES KNOWLEDGE OF POST-RESUSCITATION STABILIZATION IN PEDIATRIC RESIDENTS.
A Cohen, A Judkins and T DuPont, Salt Lake City, UT. University of Utah Health

4:45  RESIDENT PERCEPTIONS AND CONFIDENCE REGARDING PEDIATRIC PREVENTIVE CARE.
A Etcheverry, D Jones and K Arulmozhi, Madera, CA. Valley Children's Healthcare

5:00  IMPACT OF A SEMI-AUTONOMOUS TREATMENT ALGORITHM ON FETAL HEART RATE TRACING FOR THE MANAGEMENT OF SEVERE HYPERTENSION IN PREGNANCY.
A Sanchez and C Martin, Loma Linda, CA; Pomona, CA. Loma Linda University School of Medicine Western University of Health Sciences (WAFMR)

5:15  RELATIONSHIP BETWEEN TIME OF PARALYTIC ADMINISTRATION TO FIRST INTUBATION ATTEMPT AND CORMACK-LEHANE GRADE: A COMPARISON OF ROCURONIUM AND SUCCINYLCHOLINE.
J Ramsey, K Pache, M Sayre, C Maynard, NJ Johnson and CR Counts, Seattle, WA. University of Washington

5:30  EXERCISE AS A POSSIBLE TREATMENT FOR NOCTURIA VIA CIRCADIAN
REALIGNMENT.
BP LeMaster, J Cloninger, DR Bruns, NL Bedford and EE Schmitt, Seattle, WA; Laramie, WY; Laramie, WA. University of Washington University of Wyoming

Hematology and Oncology I
Green Room (Sunset Center)
Gino In, Presiding

3:15 FRUCTOSE-1,6-BISPHOSPHATASE 1-ALTERED CARBOHYDRATE METABOLISM REDUCES LEUKEMIC VIABILITY THROUGH ACTIVATING P53 AND MODULATING MITOCHONDRIAL QUALITY CONTROL SYSTEM IN VITRO.
L Tran, Y Xu, J Tang, V Nguyen, E Sewell, J Xiao, C Hino, S Wasnik, O Francis-Boyle, K Zhang, L Xie, J Zhong, D Baylink, C Chen, M Reeves and H Cao, Loma Linda, CA; College Station, TX. Loma Linda University

3:30 COMPARATIVE ANALYSIS OF LUNG CANCER BIOPSIES ON SUCCESS OF NEXT-GENERATION SEQUENCING.
R Diep, M MacDonald, RA Cooper, A Grzegorczyk, R Rakocevic, C Chang and J Nieva, Colton, CA; Los Angeles, CA. California University of Science and Medicine (WSMRF)

3:45 UNDERSTANDING RADIATION THERAPY SENSITIVITY IN INVASIVE LOBULAR CARCINOMA OF THE BREAST.
M Sikora and M Shackleford, Aurora, CO. University of Colorado Anschutz Medical Campus

4:00 DEEP LEARNING FOR PAROTID TUMOR SEGMENTATION AND SCREENING.
S Salehi, P Chang, W Shao and E Chu, Irvine, CA. University of California, Irvine, School of Medicine

4:15 IMPACT OF DERMATOLOGY ACCESS IN RURAL MELANOMA DETECTION.
S Martinez, B Schumaker and T Quest, Seattle, WA. University of Washington

4:30 HEMOGLOBIN ROTHSCILND: A LOW OXYGEN AFFINITY HEMOGLOBINOPATHY.
A Chaudhry, R Sharma, A Aboeed and E Cobos, Bakersfield, CA; Los Angeles, CA. Kern Medical David Geffen School of Medicine, UCLA
4:45 LEARN ONCOLOGY THROUGH SOCIAL MEDIA: IS IT POSSIBLE?
SK Sidhoo, S Kang and P Ingledew, Edmonton, Canada; Vancouver, BC, Canada; Halifax, Canada. University of Alberta

5:00 AN INTERNATIONAL COMPARISON OF PHOSPHODIESTERASE-5 INHIBITOR ASSOCIATED MELANOMA.
K Mai, Q Pham, J Park and Y Kuo, Pomona, CA; Taipei, Taiwan. Western University of Health Sciences

5:15 INCREASING CERVICAL CANCER SCREENING ON THE BLACKFEET RESERVATION.
E Every, Spokane, WA. University of Washington School of Medicine (WSMRF)

5:30 PYODERMA GANGRENOSUM PRESENTING AFTER TREATMENT OF B CELL ACUTE LYMPHOBLASTIC LEUKEMIA.
M Marquez, K Fernandez, S Sukumaran and A Davis, Madera, CA. Valley Children's Healthcare

Neonatology General II
Babcock #6 (Sunset Center)
Tim Bahr and Tai-Wei Wu, Presiding

3:15 THE NEW APGAR SCORE: OXYGENATION AT 5 MINUTES.
H Lee, X Cui and A Katheria, Palo Alto, CA; San Diego, CA. Stanford University California Perinatal Quality Care Collaborative (WSPR)

3:30 END-USER ASSESSMENT OF A NOVEL LOW-COST INFANT WARMER IN LOW-RESOURCE SETTINGS IN NEPAL.
MR KC, M Massey, Z Khan, N Brzezinski, S Everett, B Fassl, BD Tomlin and A Judkins, Salt Lake City, UT; Rootstown, OH; Kathmandu, Nepal. Northeast Ohio Medical University

3:45 COMPARISON OF ADVERSE EVENTS WHILE PERFORMING ENDOTRACHEAL INTUBATION FOR INFANTS RECEIVING NONINVASIVE POSITIVE PRESSURE VENTILATION DURING THE PROCEDURE TO THOSE NEEDING POSITIVE PRESSURE VENTILATION WITH MASK.
A Leathe, E Young, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center

4:00 APPROPRIATE CPAP USE IN THE DELIVERY ROOM: IMPLEMENTING A RESPIRATORY DISTRESS SCORING TOOL BY THE PEDIATRIC RESIDENT
TEAM.
C Torsitano, M Baserga, K Stowers and M Harousseau, Salt Lake City, UT. University of Utah *(WSPR Prolacta Resident Research Travel Award)*

4:15 *Stanford University Philip Sunshine State-of-The-Art Speaker:*
INVESTIGATING NEURODEVELOPMENTAL DISORDERS USING HUMAN BRAIN ORGANOIDs.
Anca Pasca, Stanford University

4:45 VALIDATION OF A NOVEL LOW-COST INFANT WARMER.
Z Khan, U Kirant, M Massey, S Everett, N Brzezinski, B Fassl, BD Tomlin and A Judkins, Rootstown, OH; Salt Lake City, UT; Kathmandu, Nepal. *NEOMED*

5:00 PATENT DUCTUS ARTERIOSUS TREATMENTS AND HIGH GRADE INTRAVENTRICULAR HEMORRHAGE IN PRETERM INFANTS.
J Kim, BJ Cacho, C Lee, P Chun, A Marshall and D Deming, Loma Linda, CA. *Loma Linda University School of Medicine*

5:15 MATERNAL AND NEONATAL HEALTHCARE ACCESS BEFORE AND AFTER A BIRTHING CENTER UPGRADE IN A REMOTE NEPAL DISTRICT.
DP Curtis, A Baumann, A Judkins, B Lamichhane, R Miyan, J Lama, P Karki and B Fassl, Rootstown, OH; Salt Lake City, UT, Afghanistan. *Northeast Ohio Medical University (WSMRF)*

5:30 IMPACT OF SARS-COV2 INFECCION DURING PREGNANCY ON MATERNAL AND NEONATAL OUTCOMES.
NC Alvarado, AM Yeh, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA.
*USC Keck School of Medicine*

Neonatology Pulmonary II
Rehearsal Room (Sunset Center)
*Cassidy Delaney and Eniko Sajti, Presiding*

3:15 ANTENATAL ENDOTOXIN IMPAIRS AIRWAY AND PARENCHYMAL LUNG GROWTH AND FUNCTION IN INFANT RATS: A POTENTIAL ROLE FOR DYSANAPSIS?
E McGinn, T Gonzalez, E Bye, J Bilodeaux, G Seedorf, S Alexander, B Smith, SH Abman and E Mandell, Aurora, CO. *University of Colorado University of Colorado (WSPR Abbott Nutrition Outstanding Resident Research Award)*
3:30  **PULMONARY CYP2E1 EXPRESSION DURING LUNG DEVELOPMENT PREDICTS ACETAMINOPHEN TOXICITY.**
M Grayck, L Zheng, WC McCarthy, M Solar, O Lacayo, B Smith, D Orlicky, E Dobrinskikh and CJ Wright, Aurora, CO. *University of Colorado Anschutz Medical Campus (WSPR Prolacta Undergraduate Research Travel Award) (WSMRF)*

Abstract 124

3:45  **TREM2 REGULATES THE LUNG INNATE IMMUNE RESPONSE AND THE SEVERITY OF HYPEROXIA INDUCED LUNG INJURY.**
R Huff, Y Abe, N Spann, M Singhal, C Glass and E Sajti, San Diego, CA. *UCSD (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WSPR)*

Abstract 125

4:00  **University of Utah Inaugural Kurt L. Albertine State-of-The-Art Lecture**
**OXYGEN AT BIRTH: MORE THAN A GAS TO BREATHE.**
Michael O'Reilly, University of Rochester Medical Center

4:30  **ALVEOLAR TYPE 2 STEM CELLS IN BRONCHOPULMONARY DYSPLASIA.**
R Kibe, S Danopoulos, D Al Alam and P Minoo, Los Angeles, CA. *LAC+USC Medical Center Children’s Hospital Los Angeles*

Abstract 126

4:45  **CONTINUOUS INFUSION OF RECOMBINANT INSULIN-LIKE GROWTH FACTOR 1 AND BINDING PROTEIN 3 IMPROVES STRUCTURAL INDICES OF ALVEOlar FORMATION IN MECHANICALLY VENTILATED PRETERM LAMBS.**
Z Vordos, A Rebentisch, E Major, J Van Boerum, E Dawson, D Hubbard, D Null, MJ Dahl, N Barton, G Carey, M McHale, R Ward and K Albertine, Salt Lake City, UT; Sacramento, CA; Cambridge, MA; Altrincham, United Kingdom. *University of Utah (WSPR Abbott Nutrition Subspecialty Award) (WSMRF)*

Abstract 127

5:00  **AVR-48 TREATMENT IMPROVES RESPIRATORY GAS EXCHANGE INDICES IN A PRETERM LAMB MODEL OF BRONCHOPULMONARY DYSPLASIA.**
D Hubbard, D Riley, D Christensen, R Bromley, A Rebentisch, E Dawson, E Major, J Van Boerum, K Albertine and S Acharaya, Salt Lake City, UT; Fort Worth, TX; Cary, NC. *University of Utah (WSMRF)*

Abstract 128

5:15  **EVALUATING PRESSURES AT THE NARES DURING NON-INVASIVE VENTILATION IN NEWBORN INFANTS UTILIZING NIV PLUS SOFTWARE.**
K Ortiz, R Ramanathan and M Biniwale, Los Angeles, CA. *LAC+USC Medical Center (WSPR)*

Abstract 129

5:30  **PROSTAGLANDIN-E1 INFUSION FOR DUCTAL PATENCY IN PERSISTENT PULMONARY HYPERTENSION OF THE NEWBORN.**
The Brain Can Regulate Its Own Insulin Blood-Brain Barrier Transport.
VQ Nguyen and E Rhea, Spokane, WA; Seattle, WA. University of Washington School of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)

Abstract 131

Memory-Related Regulation of Extracellular Matrix in the Hippocampus of Angelman Syndrome Mice.
AJ Lam, W Su, Y Liu, T Reece, X Hao, M Baudry and X Bi, Pomona, CA. College of Osteopathic Medicine of the Pacific

Abstract 132

Improved Executive Functioning Outcomes Following Laser Ablation Compared to Anterior Temporal Lobectomy.
K Hulse and B Grannan, Seattle, WA. University of Washington

Abstract 133

Neuronal Ensembles That Drive Reward-Seeking Behavior in Mice Models of Heroin Use.
SI Alvarado, S Hodgins, K Sandum, L Flom, J Crouse and A Bobadilla, Laramie, WY. University of Washington

Abstract 134

Gaps in Care Following First Time Seizure: A Retrospective Study.
CI Jenkins, AJ Cabrera, DM Goldenholz, M Estes and CM Casassa, Loma Linda, CA; Boston, MA. Loma Linda School of Medicine

Abstract 135

Characterizing the Emergence of Neural Language Lateralization Patterns in Infants.
MM Chun, MN Dang and BK Lau, Seattle, WA. University of Washington

Abstract 136

How Do Gliomas Affect White Matter Tract Bundles Associated with the Limbic Cortex?
E Fu, JA Thompson, D Ormond and AD Lee, Aurora, CO. University of Colorado School of Medicine

Abstract 137
5:00  THE UNMASKED SECRETS OF A SERONEGATIVE AUTOIMMUNE ENCEPHALITIS.
NC Trang, J Douglas, R Chavez, L Chau, K Radicic and S Mishra, Bakersfield, CA. Kern Medical
Abstract 138

5:15  GUILLIAN-BARRE SYNDROME POST COVID-19 VACCINATION.
J Abraham, VE Espinoza and K Radicic, Bakersfield, CA. Kern Medical
Abstract 139

5:30  EASY TO MISS: AN ATYPICAL PRESENTATION OF AMYOTROPHIC LATERAL SCLEROSIS.
H Arreaza, t Yomi, A Crediford and T Eftekhari, Bakersfield, CA. Clinica Sierra Vista
Abstract 140

Pulmonary and Critical Care I
Studio 105 (Sunset Center)
Michael Schivo, Presiding

3:15  ROLE OF PLATELETS IN SCHISTOSOMIASIS-INDUCED PULMONARY HYPERTENSION.
M Jordan, JN Posey, E Nozik, C Mickael, B Graham and C Delaney, Aurora, CO; San Francisco, CA. University of Colorado (WSPR)
Abstract 141

3:30  POSSIBLE RACIAL BIAS IN PULSE OXIMETRY.
BM Wong, C Yan, B Rivas and N Fleming, Sacramento, CA. UC Davis School of Medicine
Abstract 142

3:45  PREVALENCE AND PREDICTORS OF OBSTRUCTIVE SLEEP APNEA IN COLLEGIATE FOOTBALL PLAYERS.
S Trikha, R Raab, T DeZeeuw, S Moore, M Neagle, M Petrun and J Broussard, Fort Collins, CO. University of Colorado
Abstract 143

4:00  MANAGING LIFE-THREATENING COMPLICATIONS OF WEST NILE ENCEPHALITIS.
A Patel, M Singh, T Jestila and I Garcia-Pacheco, Bakersfield, CA. Kern Medical Center
Abstract 144

4:15  PLATELET RECOVERY AND PERIOPERATIVE RISK AFTER CARDIAC SURGERY.
J Plaisted and N Clendenen, Aurora, CO. University of Colorado School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)
Abstract 145
4:30 LONG-TERM OUTCOMES OF CHRONIC REFRACTORY COUGH.
E Simmons, BJ Becerra, P Krishna, B Crawley and T Murry, Loma Linda, CA; Philadelphia, PA; San Bernardino, CA. Loma Linda University School of Medicine
Abstract 146

4:45 VEGF AND ANGIPOIETIN AS REGULATORS FOR ANGIGENESIS IN PERIPHERAL ARTERY DISEASE.
G Lo, R Phan and MM Radwan, Pomona, CA. Western University of Health Sciences
Abstract 147

5:00 MICROBIOME OF TRACHEAL ASPIRATE AND CLINICAL OUTCOMES IN INTUBATED VERY LOW BIRTH WEIGHT INFANTS.
J Huang, R Cayabyab, L Barton, R Ramanathan and M Cielo, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine of University of Southern California
Abstract 148

5:15 THE PERIPHERAL CENTRAL LINE: CANNULATION OF THE ACCESSORY AZGOS VEIN.
A Garcia, VE Espinoza, H Hajeh, J Abraham, K Radicic and S Mishra, Bakersfield, CA. Kern Medical
Abstract 149

5:30 BILATERAL HYPOPYON IN A FATAL CASE OF STAPHYLOCOCCUS AUREUS BACTEREMIA.
C D'Assumpcao, A Garcia, C Logan, F Venter, I Fong, K Sabetain, R Kuran, R Johnson and A Heidari, Bakersfield, CA; Bridgetown, Barbados; Cupecoy, Sint Maarten (Dutch part). Ross University School of Medicine
Abstract 150

Surgery II
Carmel Women's Club
Subhas Gupta, Presiding

3:15 PREVALENCE OF TRACHEOSTOMY PLACEMENT IN PATIENTS WITH SKELETAL DYSPLASIA.
SC Eckhardt, CM Richardson, K White, SR Parikh, KE Johnson, J Bonilla-Velez and J Dahl, Seattle, WA. University of Washington School of Medicine
Abstract 151

3:30 VIABILITY OF CONSISTENT MAXIMUM GLOTTIC ANGLE MEASUREMENTS ACROSS REPEAT VISITS.
D DeChance, S Dehom and B Crawley, Loma Linda, CA. Loma Linda University School of Medicine
Abstract 152

3:45 THE “ZOOM BOOM” OF THE COVID-19 PANDEMIC WAS IRONICALLY LINKED TO BODY PROCEDURES.
D Sokolov and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)
Abstract 153
4:00 UROLOGICAL RISK FACTORS FOR URINARY TRACT INFECTIONS AND ALLOGRAFT FAILURE IN PEDIATRIC RENAL TRANSPLANTATION.
V Seidel, M Buell, K Cheng, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University

4:15 PERCUTANEOUS TREATMENT OF SUBACROMIAL IMPINGEMENT SYNDROME, A RETROSPECTIVE REVIEW.
CK O'Neill, TJ Robinson, B Bender and J McGinley, Seattle, WA; Laramie, WY; Casper, WY. University of Washington WWAMI Program

4:30 DO PATIENTS WITH INSERTIONAL ACHILLES TENDINOPATHY HAVE DIFFERENT MORPHOLOGIC AND RADIOGRAPHIC ALIGNMENT FEATURES OF THE FOOT?
ML Carpenter, W Gu, J Ansah-Twum, M Zhu, M Myerson and S Li, Aurora, CO; San Diego, CA; Denver, CO. University of Colorado Anschutz Medical Campus

4:45 COMPARISON OF PATIENT-REPORTED OUTCOMES FOLLOWING THREE DIFFERENT THUMB CARPOMETACARPAL ARTHROPLASTY TECHNIQUES.
A Hirpara, T France, N Tucker, F Scott, F Leversedge and A Lauder, Aurora, CO. University of Colorado School of Medicine

5:00 INHIBITORY EFFECT OF CRYSTALLINS ON LENS EPITHELIAL TO MESENCHYMAL TRANSITION VIA BLOCKING OF AB-CRYSTALLIN ACTIVITY.
R Choudhury, M Nam, S Panja and RH Nagaraj, Aurora, CO. University of Colorado School of Medicine

5:15 ABDOMINAL AORTIC DISSECTION IS THE PREDOMINANT FORM OF ABDOMINAL AORTIC PATHOLOGY IN VASCULAR EHLERS-DANLOS SYNDROME.
S Shalhub, V Gadiraju, A El-Ghazali, S Wallace and P Byers, Seattle, WA. University of Washington

5:30 HOW WELL ARE WE COMMUNICATING WITH OUR HAND TRAUMA PATIENTS? AN INVESTIGATION INTO THE READABILITY OF DISCHARGE INSTRUCTIONS FOR COMPLEX HAND INJURY PATIENTS.
MM Hirpara, N Kadakia, M Landau and S Gupta, Loma Linda, CA; Colton, CA. California University of Science and Medicine (WSMRF)
WELCOME RECEPTION AND POSTER SESSION

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

Thursday, January 19, 2023
6:00 PM – 8:00 PM

Poster Session I - Posters 1-62
All Saints Church, Seccombe Hall
Ninth Avenue & Dolores St.

Poster Session II - Posters 63-102
Sunset Center, Carpenter Hall

Presentations will be from 6-8 pm
Odd numbered posters present from 6-7 pm
Even numbered from 7-8 pm

All welcome and encouraged to attend

POSTER SESSION I - Posters 1-62

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<td>SEVERE ACUTE HEMOLYTIC ANEMIA POST COVID VACCINATION.</td>
<td>J Abraham, N Heathcoaat, S Mishra, N Mangat and S Ratnayake, Bakersfield, CA. Kern Medical</td>
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<td>TOWARDS NEW ANTIMICROBIALS - TARGETING BACTERIAL RESPONSE REGULATORS.</td>
<td>C Alcantara, I Glassman, C Majdi, J Dessolin, Z Benfodda and H Szurmant, Pomona, CA; Nîmes, France; Bordeaux, France. Western University of Health Sciences (WSMRF)</td>
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<td>IGA VASCULITIS ADULT PRESENTATION.</td>
<td>D Bergstedt, K Feldhus, A Tekriwal, I Hale and F Li, Denver, CO; Aurora, CO. St. Joseph Hospital</td>
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<td>WEST NILE MENINGOENCEPHALITIS IN A PATIENT WITH LEIOMYOSARCOMA PRESENTING WITH NEUTROPENIC FEVER.</td>
<td>R Bilagi, L Liu, R Kulasingam, R Sharma, B Mann and K Radicic, Bakersfield, CA. Kern Medical</td>
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| 5      | ADDRESSING COMMUNITY CONFIDENCE AND ABILITY IN ACHIEVING HEMORRHAGIC CONTROL FOLLOWING INJURY IN SUNDANCE, WYOMING.  
        | T Bohlman, Seattle, WA. University of Washington School of Medicine |
| 6      | USING THE EPDS FOR ANTENATAL DEPRESSION SCREENING: A QUALITY IMPROVEMENT INTERVENTION PROPOSAL AT SEAMAR FAMILY MEDICINE.  
        | OS Cherepakhin, Seattle, WA. University of Washington School of Medicine (WSMRF) |
| 7      | SYSTEMIC EOSINOPHILIC DISEASE PRESENTING AS DACRYOADENITIS.  
        | K Danesh, L Cohen, Y Liu, J Karlin and D Rootman, Los Angeles, CA; Loma Linda, CA. Keck School of Medicine University of California Los Angeles |
| 8      | MILIARY REACTIVATION OF COCCIDIOIDOMYCOSIS: 5 YEARS IN THE MAKING.  
        | A Dhillon, M Beuca, M Valdez and A Heidari, Bakersfield, CA. Kern Medical |
| 9      | LARYNGEAL ASPERGILLOSIS IN AN IMMUNOCOMPROMISED PATIENT.  
        | A Dhillon, C D'Assumpcao, M Valdez, A Heidari and R Kuran, Bakersfield, CA. Kern Medical |
| 10     | SAVE A LIFE WITH A SPRAY: ADDRESSING BARRIERS TO SAFE NARCAN USE IN PLUMMER, IDAHO.  
        | I Engerbretson, Seattle, WA. University of Washington (WSMRF) |
| 11     | ANTICOAGULANT-ASSOCIATED HEAVY MENSTRUAL BLEEDING IN PRE-MENOPAUSAL WOMEN.  
        | VE Espinoza, J Abraham, NU Thai, S Nersesyans, T Eftekhari, N Al-Yousfi and G Petersen, Bakersfield, CA. Kern Medical |
| 12     | A RARE CASE OF MANDIBULAR AMELOBLASTOMA.  
<pre><code>    | VE Espinoza, J Abraham, S Dhillon, S Nersesyans, NU Thai, T Eftekhari, N Al-Yousfi and G Petersen, Bakersfield, CA. Kern Medical |
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<td>O Fadeyi, Y Katamreddy and C Garabetian</td>
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<td>O Fadeyi, L Gupta, Z Sovyanhadi, V Dang and A Hakim</td>
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<td>M Fang and A Heidari</td>
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<td>A Garcia, C D'Assumpcao, J Abraham, M Khachatryan, J Adereti, L Moosavi, K Radicic, A Heidari and S Mishra</td>
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<td>DISSEMINATED HISTOPLASMOSIS IN CENTRAL CALIFORNIA SEEN IN AN IMMUNOCOMPROMISED PATIENT. K Ghadiya, R Dunn, G Singh, H Lai and R Garcia-Pacheco, Bakersfield, CA. Kern Medical</td>
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<td>CATHETERIZATION USAGE DRIVES ROUTINE CARE COSTS OF PATIENTS WITH NEUROGENIC LOWER URINARY TRACT DYSFUNCTION. NT Ha, A Abedi, AS Sayegh, A La Riva, LC Perez, P Kohli, A Abedi, RP Jen, DA Ginsberg and E Kreydin, Los Angeles, CA; Downey, CA; Zanjan, Iran (the Islamic Republic of). Keck School of Medicine, University of Southern California (WSMRF)</td>
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<td>APICAL HYPERTROPHIC CARDIOMYOPATHY MASQUERADING AS NON-ST ELEVATION MYOCARDIAL INFARCTION. H Hajeh and T Win, Bakersfield, CA. UCLA Kern Medical</td>
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<td>WHAT YOU SEE IS NOT WHAT YOU GET: GERM CELL NEOPLASM IN THE SETTING OF DISSEMINATED COCCIDIOIDOMYCOSIS. H Hajeh, H Aboaid, E Cobos, K Radicic and A Heidari, Bakersfield, CA; Las Vegas, NV. UCLA Kern Medical</td>
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28 WHAT FRONT-LINE SERVICE PROVIDERS FOR PEOPLE EXPERIENCING HOMELESSNESS KNOW ABOUT BODY LICE AND ASSOCIATED DISEASES — COLORADO, 2022.
R Henderson, SN Rich, B Sprague, C Grano, D McCormick, E Mosites, T Bostic, SE Rowan and GE Marx. Denver, CO; Fort Collins, CO; Atlanta, GA; Aurora, CO. University of Colorado (WSMRF)

Abstract 188

29 A PUZZLING CASE OF FEVER-WEST NILE MENINGOENCEPHALITIS.
SM Hlaing, S Sadiqali, B Hamidi, V Marquez and C D’Assumpcao, Bakersfield, CA; Cupecoy, Sint Maarten (Dutch part); Bridgetown, Barbados. RioBravo Family Medicine Residency Program

Abstract 189

30 ASYMPHOMATIC COCCIDIOIDAL MENINGITIS RELAPSE, A DEMON IN DISGUISE.
L Kooner, A Heidari and R Johnson, Bakersfield, CA. Kern Medical

Abstract 190

31 RETROSPECTIVE REVIEW OF PANCREATIC VENOUS ANATOMY.
MG Kwong, J Pattee, E Olson and G McLennan, Aurora, CO; Westminster, CO. University of Colorado Anschutz Medical Campus

Abstract 191

32 A RARE CASE OF LUPUS NEPHRITIS MANAGED WITH MULTI-MODAL IMMUNOMODULATION.
A Lee, C Bae and D Mandel, Irvine, CA. University of California, Irvine, School of Medicine

Abstract 192

33 DRY EYE POST-CATARACT SURGERY: A SYSTEMATIC REVIEW.
H Ta, T Lien, P McCann, R Quereshi and T Li, Aurora, CO. University of Colorado School of Medicine

Abstract 193

34 META-ANALYSIS OF GENICULAR ARTERY EMBOLIZATION FOR TREATMENT OF OSTEOARTHRITIS OF THE KNEE.
AW Lyon, C Yu, E Adams and O Ahmed, Chicago, MT; Seattle, WA. University of Washington (WSMRF)

Abstract 194

35 ESTROGEN EXPOSURE AND PANCREATIC DUCTAL ADENOCARCINOMA RISK IN A LONGITUDINAL NATIONAL SCREENING TRIAL.
H Mandl, A Labora, W Armstrong and T Donahue, Los Angeles, CA. David Geffen School of Medicine, UCLA (WSMRF)

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Welling, J Addy, N Lawrence and G Tabin, Seattle, WA; Medford, OR; Accra, Ghana; Kumasi, Ghana; Waterbury, VT; Stanford, CA. University of Washington Daybreak Vision Project

**Abstract 220**

**61** INCREASING NUTRITIONAL LITERACY THROUGH RETAIL EDUCATION IN RURAL MONTANA.
*PL Wilson*, Seattle, WA. University of Washington School of Medicine

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**62** SIMPLIFYING INFORMATION FOR PROVIDERS AND PATIENTS ABOUT SEXUAL ASSAULT EXAMINATIONS IN JUNEAU, ALASKA.
*A Witt*, Seattle, WA. University of Washington

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CONCURRENT SESSIONS
Friday, January 20, 2023
8:00 AM – 10:00 AM

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Cardiovascular III………………………………………………………………………………….Promenade Lobby
Case Reports I ..................................................................................................................Carpenter Hall
Endocrinology and Metabolism II………………………………………..Carmel Women’s Club
Gastroenterology………………………………………………………………………………….Babcock #6
Genetics I………………………………………………………………………………………….Rehearsal Room
Neonatology – General III………………………………………………All Saints Church, Seccombe Hall
Neonatology – Perinatal Biology I………………………………………………….Chapman #4
Surgery III …………………………………………………………………………………….Room 5, Sunset Center

Adolescent Medicine and General Pediatrics II
Studio 105 (Sunset Center)
Dana Gerstbacher and Alberta Kong, Presiding

8:00  EFFICACY OF PROCEDURAL TREATMENTS FOR PEDIATRIC HIDRADENITIS SUPPURATIVA: A SYSTEMATIC REVIEW.
N Parvathala, R Masson, EJ Ma, T Shih, S Atluri, M Hogeling, V Shi and J Hsiao, Los Angeles, AZ; Los Angeles, CA; Tucson, AZ; Little Rock, AR. Keck School of Medicine (WSMRF)

Abstract 263

8:15  BYE BYE BIOPSIES? EVALUATING CLINICAL IMPLEMENTATION OF URINARY CXCL10/CREATININE MONITORING IN PEDIATRIC KIDNEY TRANSPLANT RECIPIENTS.
EK Chan, J Bone, A Thachil, K Vytlingam and TD Blydt-Hansen, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 264

8:30  COST SAVINGS ANALYSIS OF A CLINICAL PATHWAY FOR DIAGNOSTIC TESTING IN PEDIATRIC HYPERTENSION.
GV Da Roza, M Catapang, L Ding and J Dionne, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 265
8:45  SLEEP CHARACTERISTICS AND HEALTH-RELATED QUALITY OF LIFE IN ADOLESCENTS WITH TYPE 1 DIABETES.
ML Dobbin, KJ Nadeau, M Cree-Green, S Simon and J Snell-Bergeon, Parker, CO; Aurora, CO. Rocky Vista University (WSPR Prolacta Medical Student Research Travel Award)

9:00  SINGLE-CELL RNA SEQUENCING OF REPAIR TISSUE FORMED AFTER GROWTH PLATE INJURY REVEALS A POTENTIAL ROLE FOR MACROPHAGES AND MESENCHYMAL PROGENITOR CELLS IN BONY BAR FORMATION.
A Mantha, S Thomas, E Beltrand and K Payne, Aurora, CO. University of Colorado Anschutz Medical Campus

9:15  WERNICKE ENCEPHALOPATHY IN A PEDIATRIC PATIENT WITH FEEDING INTOLERANCE.
AS Drury, L D'Annibale, KS Jin, S Osburn and J Snider, Madera, CA; Palo Alto, CA; Mesa, AZ. Valley Children's Hospital

9:30  EFFICACY OF MEDICAL TREATMENTS FOR PEDIATRIC HIDRADENITIS SUPPURATIVA: A SYSTEMATIC REVIEW.
EJ Ma, R Masson, N Parvathala, T Shih, S Atluri, M Hogeling, V Shi and J Hsiao, Los Angeles, CA; Tucson, AZ; Little Rock, AR. Keck School of Medicine (WSMRF)

9:45  LEVATOR VELI PALATINI MUSCLE GROWTH AND ASYMMETRY WITHIN THE FIRST TWO YEARS OF LIFE.
S Levene, I Neuberger, A Piccorelli, K Barhaghi and K Kotlarek, Seattle, WA; Aurora, CO; Laramie, WY. University of Washington School of Medicine (WSMRF)

Cardiovascular III
Promenade Lobby (Sunset Center)
Jon Kobashigawa, Presiding

8:00  IN-STENT RE-STEMOSIS FOR TRANSPLANT CORONARY ARTERY DISEASE IN THE CURRENT ERA FOR HEART TRANSPLANTATION.
T Yeomans, S Kim, N Patel, T Singer-Englar, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)

8:15  WHICH REDO HEART TRANSPLANT PATIENTS ARE IN NEED OF COMBINED HEART-KIDNEY TRANSPLANTATION?
J Hu, T Singer-Englar, N Patel, S Kim, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)
8:30 CARDIAC REGENERATIVE POTENTIAL OF EPICARDIAL ADIPOSE TISSUE-DERIVED STEM CELLS.
P Cheng, A Keklikian, DK Agrawal and FG Thankam, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences
Abstract 273

8:45 PRESENTATION OF TAKOTSUBO CARDIOMYOPATHY IN A PATIENT WITH CORONAVIRUS-19 DISEASE.
RV Kulasingam, H Ipalawatte, R Jariwal, L Moosavi, A Ghandforoush, R Garcia-Pacheco, S Mishra and F Joolhar, Bakersfield, CA. Kern Medical Center
Abstract 274

9:00 PURULENT PERICARDITIS DUE TO NON-TYPEABLE HAEMOPHILUS INFLUENZAE IN A PEDIATRIC PATIENT.
L Ejaz, C El Nakib, I Cherrick, L Weiner and A Wratney, Syracuse, NY. SUNY Upstate Medical University
Abstract 275

9:15 A NOVEL PATHWAY TO AN ELEVATED N-TERMINAL PROHORMONE-B-TYPE NATRIURETIC PEPTIDE (NT-PROBNP).
LF Messele and S Jimenez, Sacramento, CA. UC Davis
Abstract 276

9:30 THE MEANING OF QUILTY IN HEART TRANSPLANT AND MYOCARDIAL BIOPSIES.
B Salfer, N Patel, S Kim, T Singer-Englar, M Hamilton and J Kobashigawa, Beverly Hills, CA. Cedars-Sinai Heart Institute (WSMRF)
Abstract 277

9:45 EARLY CARDIAC REPOLARIZATION IN THE NOVEL PH-INSSENSITIVE SODIUM-CALCIUM EXCHANGE MOUSE.
A Bickman, R Zhang, R Norris, L Li, S John, KD Philipson, M Ottolia and J Goldhaber, Los Angeles, CA. UCLA School of Medicine (WSMRF)
Abstract 278

Case Reports I
Carpenter Hall (Sunset Center)
W. Conrad Liles, Presiding

8:00 NF1 MICRODELETION SYNDROME WITH 16Q24.3 MICRODuplication.
P Swaminathan, V Taliercio and D Viskochil, Salt Lake City, UT. University of Utah School of Medicine
Abstract 279

8:15 ACUTE ONSET ENCEPHALOPATHY: A CASE OF LATE-ONSET MAPLE SYRUP URINE DISEASE IN A PEDIATRIC PATIENT.
M Hockley, A Emamian, U Naber, J Woods, A Roberts and CI Galarreta Aima, Fresno,
8:30  **TO CLOSE OR NOT TO CLOSE: A CASE OF PATENT FORAMEN OVALE IN A SICKLE CELL DISEASE PATIENT PRESENTING WITH STROKE.**  
*H Hajeh and T Win, Bakersfield, CA. UCLA Kern Medical*

8:45  **NEONATAL DIAGNOSIS OF ANOMALOUS RIGHT CORONARY ARTERY FROM THE PULMONARY ARTERY.**  
*I Jhamb, K Schulkers Escalante, J Gomez-Arostegui, R Song, M Parast and C Davis, San Diego, CA. University of California San Diego Rady Children's Hospital*

9:00  **PHENOTYPIC SPECTRUM OF 17Q23.1-Q23.2 MICRODELETION SYNDROME.**  
*JD Refkin, F Ahmed, A Suzuki, C DeFilippo, SP Shankar and MM Martin, Sacramento, CA. UC Davis*

9:15  **IDIOPATHIC RHABDOMYOLYSIS IN THE SETTING OF MULTIORGAN DYSFUNCTION IN A 3-MONTH-OLD INFANT.**  
*YH Mousa, A Patel and T Nandhagopal, Bakersfield, CA. Kern Medical Center*

9:30  **VERHEIJ SYNDROME, CASE REPORT.**  
*GA Lorusso Vivas, C Matheus, P Borjas and J Tolosa, Los Angeles, CA; Miami, FL. LAC + USC University of Miami*

9:45  **QRICH1-RELATED DISORDER: PHENOTYPE EXPANSION VERSUS BLENDED PHENOTYPE.**  
*G Akay, V Taliercio, J Palumbos and D Viskochil, Salt Lake, UT. University of Utah*

Endocrinology and Metabolism II  
Carmel Women's Club  
*Sebastien Fuchs, Presiding*

8:00  **DIFFERENCES IN ABDOMINAL LIPID COMPOSITION IN YOUTH WITH CONGENITAL ADRENAL HYPERPLASIA.**  
*MS Kim, BR Newcomer, A Taylor, A Carreau, NR Fraga, TA Pickering, D Hwang, M Geffner and M Cree-Green, Los Angeles, CA; Quebec City, Canada; Baton Rouge, LA. Children's Hospital Los Angeles (WAFMR)*

8:15  **DECREASED PERFORMANCE ON NEUROPSYCHOLOGICAL TESTING IN CHILDREN WITH CONGENITAL ADRENAL HYPERPLASIA.**  
*EA Deras, SH O'Neil, OC Biele, NR Fraga and MS Kim, Los Angeles, CA. Children's*
8:30  HYPOTHALAMIC AGING: THE DETERIORATION OF AGRP NEURONS AND TANYCYTIC REGULATION.
D Ardjmand and V Pham, Berkeley, CA; San Francisco, CA. University of California, Berkeley
University of California, San Francisco (WSMRF)

8:45  DEVELOPMENT AND VALIDATION OF A COMPUTABLE PHENOTYPE FOR TURNER SYNDROME USING ELECTRONIC HEALTH RECORDS FROM A NATIONAL PEDIATRIC NETWORK.
SD Huang, H Seyoum, A Furniss, V Bamba, PY Fetchner, C Ikomi, L Nahata, N Nokoff, L Pyle and S Davis, Aurora, CO; Los Angeles, CA; Philadelphia, PA; Wilmington, DE; Seattle, WA; Columbus, OH. CU Anschutz UCLA (WSMRF)

9:00  DEVELOPMENT OF A KLINEFELTER SYNDROME SPECIFIC STATURE-FOR-AGE GROWTH CHART.
T Marshall, L Pyle, A Furniss and S Davis, Aurora, CO. University of Colorado School of Medicine (WSMRF)

9:15  DESIGN OF AN INTERNATIONAL MALE CONTRACEPTIVE EFFICACY TRIAL USING A SELF-ADMINISTERED DAILY TRANSDERMAL GEL CONTAINING TESTOSTERONE AND NESTORONETM.
J Amory, D Blithe, R Sitruk-Ware, R Swerdloff, WJ Bremner, C Dart, P Liu, A Thirumalai, B Anawalt, M Lee, S Page and C Wang, Seattle, WA; Torrance, CA; New York, NY; Bethesda, MD; Morrisville, NC. University of Washington (WAP)

9:30  A CASE OF SCHMIDT'S.
J Abraham, VE Espinoza, S Nersesyns, G Petersen and A Heidari, Bakersfield, CA. Kern Medical

9:45  SHOULD DIAZOXIDE BE CONTRAINDICATED WITH ANY EVIDENCE OF BASELINE PULMONARY HYPERTENSION IN NEONATES?
S Newman-Lindsay, D Sankaran and S Lakshminrusimha, Sacramento, CA. UC Davis Medical Center

Gastroenterology
Babcock #6 (Sunset Center)
John Inadomi and Hal Yee, Presiding
8:00  ENDOTOXEMIA INDUCED TRANSCRIPTIONAL REGULATION OF THE HEPATIC ACUTE PHASE PROTEIN CRP IS DRIVEN BY P50.  
*D Balasubramaniyan, L Zheng, WC McCarthy, MR Grayck, M Solar and CJ Wright, Aurora, CO. University of Colorado Anschutz Medical Campus (WSMRF)*

Abstract 295

8:15  DIAGNOSTIC CONUNDRUM IN A CASE OF ACUTE ACALCULOUS CHOLECYSTITIS.  
*M Casper, M Chalupsky, M Larson and V Sinigayan, Sacramento, CA. University of California, Davis*

Abstract 296

8:30  THE HEPATIC ACUTE PHASE RESPONSE TO ENDOTOXEMIA EXHIBITS ZONE-SPECIFIC INDUCTION OF C-REACTIVE PROTEIN.  
*WC McCarthy, L Zheng, D Balasubramaniyan, MR Grayck, M Solar, L Sherlock, E Dobrinskikh and CJ Wright, Denver, CO. CU Anschutz Medical Campus*

Abstract 297

8:45  LIVER FAILURE IS ASSOCIATED WITH ENDOTHELIAL PERMEABILITY WHICH IS ATTENUATED BY LIVER TRANSPLANT.  
*CK Robinson, JG Jiang, P Stafford, S Mitra, IE Rodriguez, HB Moore and MJ Cohen, Aurora, CO. University of Colorado, School of Medicine (WAFMR/WAP Student Subspecialty Award Winner)*

Abstract 298

9:00  HUMAN MILK FEEDING PROMOTES GASTROINTESTINAL DEVELOPMENT IN FIRST SIX MONTHS OF LIFE COMPARED TO INFANT FORMULA FEEDING IN A NEONATAL PIGLET MODEL.  
*Z Fishburn, A Crandall, L Nunez, Y Chen and B Fehrenkamp, Moscow, ID; Seattle, WA. University of Idaho University of Washington*

Abstract 299

9:15  ROPE-LIKE CANDY CAUSING SMALL BOWEL OBSTRUCTION.  
*NC Trang, J Douglas, H Lai and E Cobos, Bakersfield, CA. Kern Medical*

Abstract 300

9:30  A CONUNDRUM OF COEXISTENCE: ULCERATIVE COLITIS AND RECURRENT CLOSTRIDIUM DIFFICILE INFECTION.  
*K Elsherif, M Valdez, K Singh, M Fang and A Heidari, Bakersfield, CA. Kern Medical Center*

Abstract 301

9:45  CONTINUOUS FEEDING MACHINE FOR DEVELOPMENT OF EXPERIMENTAL NECROTIZING ENTEROCOLITIS IN A RAT PUP MODEL.  
*GD Mladenov, MA Sacks, YS Mendez, FA Khan and A Radulescu, Loma Linda, CA. Loma Linda University Children's Hospital*
Abstract 302

Genetics I
Rehearsal Room (Sunset Center)
Bianca Russell and Christina G. Tise, Presiding

8:00  CORRELATION OF AGE OF ONSET AND CLINICAL SEVERITY IN NIEMANN-PICK DISEASE TYPE C1 WITH LYSOSOMAL ABNORMALITIES AND GENE EXPRESSION.

Abstract 303

8:15  CORTICAL BRAIN ORGANOIDS IN A ZERO GLUCOSE ENVIRONMENT, A STEP FURTHER INTO USING ORGANOIDS AS MODELS FOR NEONATAL HYPOGLYCEMIA.
L Forero, AE Lee, LM Bird, C Snethlage, A Gomes, A Muotri and B Barshop, San Diego, CA. University of California San Diego

Abstract 304

8:30  GET MADD: INTRAVENOUS MULTIVITAMIN SHORTAGE MASQUERADING AS MULTIPLE INBORN ERRORS OF METABOLISM.
R Frankel, CG Tise and K Cusmano-Ozog, Stanford, CA. Stanford University

Abstract 305

8:45  ELEVATED HEX4 IN DISORDERS OF AUTOPHAGY: THE VALUE OF BIOCHEMICAL GENETICS LABORATORY STUDIES IN CLARIFYING A VUS.
AM Sule, L Calderwood, GM Enns, K Cusmano-Ozog, T Cowan and CG Tise, Palo Alto, CA. Stanford University

Abstract 306

9:00  HOMOZYGOUS FRAMESHIFT VARIANT IN LYSOSOME-ASSOCIATED MEMBRANE GLYCOPROTEIN 3 IN A PATIENT WITH INTERSTITIAL LUNG DISEASE DUE TO POSSIBLE SURFACTANT PROTEIN DYSFUNCTION.
L Keehan, D Bonner, E Kravets, J Kohler, C Reuter, S Marwaha, U Network, P Fisher, E Ashley, M Wheeler and JA Bernstein, Stanford, CA; Bethesda, MD. Stanford University Stanford Center for Undiagnosed Diseases

Abstract 307

9:15  EVALUATING CFLAR AS A NOVEL DISEASE GENE IN A FAMILY WITH PROGRESSIVE PULMONARY, LIVER AND NEUROLOGICAL SYMPTOMS.

Abstract 308
CHARACTERIZATION OF TWO NOVEL DNASE1L3 VARIANTS IN A PATIENT WITH A MONOGENIC FORM OF SYSTEMIC LUPUS ERYTHEMATOSUS.
Abstract 309

EXON 6 DELETION IN LIPASE MATURATION FACTOR-1 AS A CAUSE OF FAMILIAL CYHLOMICRONEMIA SYNDROME.
A Bjarvin and M Peterfy, Pomona, CA. Western University of Health Sciences
Abstract 310

Neonatology General III
All Saints Church, Seccombe Hall
Rowena Cayabyab and Michael Cookson, Presiding

DISMANTLING THE MODEL MINORITY MYTH: A DESCRIPTIVE ANALYSIS OF OUTCOMES IN ASIAN AMERICAN, NATIVE HAWAIIAN AND PACIFIC ISLANDER VERY LOW BIRTH WEIGHT INFANTS IN CALIFORNIA.
S Razdan, X Cui, S Bane, SL Carmichael, S Shariff-Marco, J Magana, S Gomez, E Main, L Palaniappan and J Profit, Palo Alto, CA; San Francisco, CA. Stanford University School of Medicine (WSPR)
Abstract 311

UCLA Vedang Londhe Memorial State-of-The-Art Speaker:
UNDERSTANDING HUMAN LUNG DEVELOPMENT.
Denise Al Alam, UCLA

IMPROVING RESIDENCY EDUCATION IN THE NICU: QUALITY IMPROVEMENT PROJECT.
MP Martes Gomez, SR Sardesai, R Ramanathan and R Cayabyab, Los Angeles, CA.
LAC+USC Keck School of Medicine USC
Abstract 312

DIASTOLIC DYSFUNCTION OF THE RIGHT VENTRICLE IS ASSOCIATED WITH INTRAVENTRICULAR HEMORRHAGE IN EXTREMELY LOW BIRTH WEIGHT INFANTS.
R Kibe, B Siassi, M Biniwale, R Cayabyab, M Ebrahimi, M Durand, SR Sardesai, R Ramanathan and MA Adie, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine, USC
Abstract 313

DIFFERENTIAL EFFECTS OF NATIVITY AND EDUCATIONAL ATTAINMENT ON PRETERM INFANT MORTALITY AMONG US-BORN HISPANIC SUBGROUPS.
DESIGN, DEVELOPMENT, AND VALIDATION OF AN AFFORDABLE INFANT RADIANT WARMER FOR LOW RESOURCE SETTING.
S Everett, Z Khan, M Massey, N Brzezinski, R Dev, A Judkins, BD Tomlin and B Fassl, Rootstown, OH; Salt Lake City, UT. University of Utah (WSPR)

CURRENT STATE OF MATERNAL AND NEONATAL HEALTHCARE ACCESS IN A RURAL NEPAL DISTRICT.
DP Curtis, A Baumann, A Judkins, B Lamichhane, J Lama, R Miyan, P Karki and B Fassl, Rootstown, OH; Salt Lake City, UT. Northeast Ohio Medical University (WSMRF)

UNDERSTANDING GENOTYPE PHENOTYPE CORRELATIONS IN MENINGOMYEOLECELE.
I Jhamb, Y Ha, S Kim, H Vong, C Barrows, S Lee and J Gleeson, San Diego, CA; Seoul, Korea (the Republic of). University of California San Diego Rady Children’s Hospital (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award) (WSPR)

BIRTH IMPACTS THE TRANSCRIPTIONAL REGULATION OF ANGIOGENESIS IN SKELETAL MUSCLE.
S Varanasi, El Chang, T Dear, S Louey, S Jonker and LD Brown, Aurora, CO; Portland, OR. University of Colorado School of Medicine

STROKE VOLUME AND HEART RATE RESPONSE TO NEONATAL HYPOVOLEMIA.
D Sankaran, R Valdez, A Lesneski, EC Lane, E Giusto, VL Hammitt, KC Tully, H Joudi, P Vali and S Lakshminrusimha, Sacramento, CA; Marysville, CA; Davis, CA. University of California Davis Adventist Health and Rideout

MESENCHYMAL STROMAL CELL EXTRACELLULAR VESICLES IMPROVE GLOMERULAR CAPILLARY FORMATION IN MECHANICALLY VENTILATED PRETERM LAMBS.
C Hansen, A Rebentisch, E Major, Z Vordos, J Van Boerum, E Dawson, Z Wang, MJ Dahl, D Null, E Delavogia, A Mitsialis, S Kourembanas and K Albertine, Salt Lake City, UT; Sacramento, CA; Boston, MA. University of Utah (WSMRF)
THE ASSOCIATION OF SYSTEMIC IMMUNE RESPONSE INDEX AND SYSTEMIC IMMUNE INFLAMMATION INDEX WITH NEUROLOGICAL OUTCOMES IN AZITHROMYCIN-TREATED NEAR-TERM LAMBS FOLLOWING UMBILICAL CORD OCCLUSION-INDUCED HYPOXIC-ISCHEMIC ENCEPHALOPATHY.
J Ha, DM Yapabandara, AM Gunewardena, J Mike and E Maltepe, San Francisco, CA. University of California, San Francisco

INTRAUTERINE GROWTH RESTRICTION LEADS TO IMPAIRED OXIDATIVE PHOSPHORYLATION IN OLIGODENDROCYTES.
J Chang, Denver, CO. University of Colorado Denver (WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award)

A STANDARDIZED DEFINITION OF WOUND HEALING PROGRESSION: COMPONENTS ESSENTIAL TO ANALYSIS OF NEW WOUND INTERVENTIONS AND TECHNOLOGIES.
M Tsuchiya and S Gupta, Loma Linda, CA. Loma Linda University (WSMRF)

DOES UTI DEFINITION MATTER DURING RESEARCH AND CLINICAL ASSESSMENT?
L Miles, JM Tiamzon, DA Wilkinson, M Buell, K Cheng, A Farkouh, D Chamberlin and J Chamberlin, Loma Linda, CA. Loma Linda University School of Medicine

PREOPERATIVE OPTIMIZATION OF PATIENTS WITH HIGH-RISK COMORBIDITIES: A REVIEW OF PREHABILITATION INTERVENTIONS.
J Mauricio-Lee, D Sokolov and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

IS THE INTEREST AND SEARCH VOLUME FOR AESTHETIC SURGERY PREDICTIVE OF EQUITY MARKET PERFORMANCE? AN ANALYSIS OF GOOGLE TRENDS DATA AS A LEADING INDICATOR OF THE S&P 500
INDEX.
D Sokolov and S Gupta, Loma Linda, CA. Loma Linda University School of Medicine (WSMRF)

Abstract 326

9:00 PREDICTORS OF AVASCULAR NECROSIS OF THE FEMORAL HEAD FOLLOWING CLOSED OR OPEN REDUCTION IN THE TREATMENT OF DEVELOPMENTAL DYSPLASIA OF THE HIP: TWO YEAR UPDATE.
E Ponton, J Bone, WN Sankar, CT Price, K Mulpuri, I Study Group and E Schaeffer, Vancouver, , Canada; Philadelphia, PA; Orlando, FL. BC Children's Hospital University of British Columbia

Abstract 327

9:15 ROTATOR CUFF HEALTH AND EMERGING THERAPIES FOR TREATMENT: A LITERATURE REVIEW.
A Yazdani, V Rai and DK Agrawal, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 328

9:30 MITOCHONDRIAL BIOGENESIS REGULATES NEOINTIMAL FORMATION AND VESSEL REMODELING DURING ARTERIOVENOUS FISTULA MATURATION.
A Abdi, V Rai and DK Agrawal, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences

Abstract 329

9:45 HEAT APPLICATION TO THE QUADRICEPS MUSCULATURE AND ITS EFFECT ON PAIN FOLLOWING A TOTAL KNEE ARTHROPLASTY.
C Adams and B Daines, Boise, ID. The Idaho Clinic Idaho College of Osteopathic Medicine (WSMRF)

Abstract 330

10:00 am – 10:15 am BREAK
CONCURRENT SESSIONS
Friday, January 20, 2023
10:15 AM – 12:30 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

Behavior, Development and Psychology I ...............................................Chapman #4
Diversity, Equity and Inclusion II..........................................................Promenade Lobby
Healthcare Delivery Research III.........................................................Babcock #6
Hematology and Oncology II.................................................................Carpenter Hall
Infectious Diseases II...........................................................................Carmel Women’s Club
Morphogenesis and Malformations......................................................Rehearsal Room
Neonatology – General IV.................................................................All Saints Church, Seccombe Hall
Nephrology and Hypertension..............................................................Green Room
Neuroscience II..................................................................................Studio 105
Surgery IV .........................................................................................Room 5, Sunset Center

Behavior, Development and Psychology I
Chapman #4 (Sunset Center)
Kathleen Angkustsiri and Allison G. Dempsey, Presiding

10:15 CREATING DEVELOPMENTAL MILESTONE GROWTH CHARTS FOR INFANTS WITH SEX CHROMOSOME TRISOMY (SCT) USING DATA FROM THE EXTRAORDINARY BABIES STUDY.
N Tartaglia, J Janusz, R Wilson, J Ross and TG Thompson, Aurora, CO; Wilmington, DE. University of Colorado School of Medicine (WSPR)

Abstract 331

10:30 THE EXTRAORDINARY BABIES STUDY: EARLY SOCIAL COMMUNICATION SKILLS IN INFANTS WITH SEX CHROMOSOME TRISOMY (SCT).
R Wilson, S Takamatsu, TG Thompson and N Tartaglia, Aurora, CO. University of Colorado School of Medicine Children’s Hospital Colorado

Abstract 332

10:45 GENETIC DIAGNOSES AND CLINICAL MANAGEMENT IN A CROSS-SECTIONAL STUDY OF CHILDREN WITH AUTISM SPECTRUM DISORDER.
D Stout, L Tobin, AE Lee, L Brookman-Frazee and K Wigby, San Diego, CA. Rady Children’s Hospital San Diego (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award)

Abstract 333
11:00 **UC Davis Robin Hansen State-of-The-Art Speaker:**
**MOTIVATION-BASED INTERVENTION STRATEGIES FOR CHILDREN AND ADULTS WITH AUTISM.**
*Ty Vernon, University of California Santa Barbara*

11:30 **A VACCINE CLINIC FOR INDIVIDUALS WITH NEURODEVELOPMENTAL DISABILITIES.**
*VK Ma, E Roseborough, V Tuss, KH Owens, M Mello and RS Akins, Sacramento, CA.*
*UC Davis UC Davis*

11:45 **PATTERN OF UTILIZATION OF EARLY INTERVENTION SERVICES IN A COHORT OF HIGH-RISK INFANTS IN A NICU FOLLOW UP CLINIC.**
*T Raghuram, T Erickson, S Kucaj and S Iyer, Los Angeles, CA. University of California*

12:00 **FEASIBILITY AND ACCEPTABILITY OF THE BILATERAL INFANT STIMULATION STUDY (BLISS) IN THE NICU.**
*E Garavatti, C Cimino, K Mackiewicz-Seagate, S Alsup and DS Ondusko, Portland, OR. Oregon Health and Science University*

12:15 **TYPE OF HOME FEEDING TUBE AND NEURODEVELOPMENTAL OUTCOME.**
*A Fisher and T DuPont, Salt Lake CIty, UT. University of Utah (WSPR)*

Diversity, Equity, Inclusion Research II
Promenade Lobby (Sunset Center)
*Ricardo Correa, Presiding*

10:15 **PLACE-BASED CHILD AND YOUTH RIGHTS LITERACY: A MULTIPARTNER APPROACH TO EQUITY, DIVERSITY, AND INCLUSION.**
*S Grover, L Bondi, C Binda, S Gill, A Beevor-Potts, W Lau, A McFadden, D Duffy, K Hodgson, C Bland and CA Loock, Vancouver, BC, Canada. University of British Columbia*

10:30 **RACIAL DISPARITIES IN ACCESS TO KIDNEY TRANSPLANTATION IN THE PEDIATRIC POPULATION: A LITERATURE REVIEW.**
*JJ Lyons, Y Dennis, M Gunturi, A Kondaka, C Moussavi, S Shin, C Um and B Afghani, Irvine, CA; Orange, CA. UC Irvine School of Medicine (WSMRF)*

10:45 **CONTRACEPTIVE BELIEFS, NEEDS, AND PRACTICES OF SIKH WOMEN IN SOUTHERN CALIFORNIA.**
*HK Sidhu and AL Nelson, Pomona, CA. College of Osteopathic Medicine of the Pacific, Western University of Health Sciences*
11:00 COMMUNICATING GENDER BIAS IN MEDICINE THROUGH VISUAL ARTWORK.
J Todderud, Spokane, WA. Elson S. Floyd College of Medicine
Abstract 341

11:15 GENDER DISPARITIES AMONG PUBLICATIONS WITHIN INTERNATIONAL SEXUAL MEDICINE UROLOGY JOURNALS.
P Kohli, M Burg, NT Ha, R Mora Jr., T Kurup, H Sidhu, G Cacciamani and M Samplaski, Los Angeles, CA. Keck Medicine of USC
Abstract 342

11:30 DOES SEXX MATTER IN LYME DISEASE? THE NEED FOR SEX-DISAGGREGATED DATA IN PERSISTENT ILLNESS.
L Johnson, M Shapiro, S Janicki, J Mankoff and RB Stricker, San Ramon, CA; San Francisco, CA; Bethesda, MD; Atlanta, GA; Seattle, WA. LymeDisease.org
Abstract 343

11:45 HEALTH DISPARITIES IN CHILDREN WITH COVID-19 EARLY IN THE PANDEMIC: SOCIOECONOMIC DISADVANTAGES CONTRIBUTING TO SEVERE DISEASE.
K Graff, Y Choi, L Silveira, L Abuogi, MA Ware and J Kaar, Milwaukee, WI; Aurora, CO. Medical College of Wisconsin
Abstract 344

12:00 RACIAL DISPARITIES IN THERAPEUTIC HYPOTHERMIA AND ADVERSE OUTCOMES OF HYPOXIC ISCHEMIC ENCEPHALOPATHY IN A LARGE CALIFORNIA NEONATAL COHORT.
CM Fall, RJ Baer, G Bandoli and CD Chambers, San Diego, CA. UC San Diego Rady Children's Hospital
Abstract 345

12:15 THE IMPACT OF UNDERGRADUATE METRICS AND PERCEPTIONS OF ACADEMIC SUCCESS ON MEDICAL STUDENTS’ PERFORMANCE IN MEDICAL SCHOOL - WHAT ARE THE IMPLICATIONS?
A Devati, M Alba, L Wang and JM Dobrich, Reno, NV. University of Nevada School of Medicine
Abstract 346

Healthcare Delivery Research III
Babcock #6 (Sunset Center)
??? Presiding

10:15 ORGAN SEGMENTATION ON CT IMAGING THROUGH MACHINE LEARNING.
J Park, J Jin, M Christie, A Wilding, S Villamor, HR Curtis, A Beaven, T Smith and D Jin, Loma Linda, CA; San Bernardino, CA. Loma Linda University
Abstract 347
10:30 THE INFLUENCE OF PATIENT-PROVIDER RISK EDUCATION ON REHABILITATION OUTCOMES IN INDIVIDUALS WITH CHRONIC BACK PAIN.
B Scott, C Richards, L Taitano, T Wu, A Zavareh, L Havandjian, K Raiszadeh and B Shahidi, La Jolla, CA; San Diego, CA. UCSD (WAFMR/WAP Student Subspecialty Award Winner)

10:45 INFLUENCE OF SPINAL STENOSIS SEVERITY ON PHYSICAL THERAPY OUTCOMES.
S Haghayegh Zavareh, C Richards, L Taitano, K Raiszadeh and B Shahidi, San Diego, CA. UC San Diego

11:00 EFFECTS OF AN EDUCATIONAL BEHAVIORAL MODIFICATION PROGRAM IN PATIENTS WITH OVERACTIVE BLADDER.
N Elsaadi, M Buell and A Staack, Loma Linda, CA. Loma Linda University

CANCELLED

11:15 FIRST TIME NON-PROVOKED SEIZURE DECISION ANALYSIS.
L Tanaka and LG Yamamoto, Honolulu, HI. Hawaii Pacific Health

11:30 DOES MOTIVATIONAL TEXT MESSAGING IMPROVE KNOWLEDGE, SELF-EFFICACY, AND ATTITUDES ON CARDIOVASCULAR DISEASE IN UNDERSERVED COMMUNITIES?
K Uehisa, Los Angeles, CA. Charles R. Drew University (WSMRF)

11:45 NATIONAL TRENDS AND RACIAL/ETHNIC DISPARITIES IN INFANT MORTALITY RATES AMONG PRETERM INFANTS SURVIVING BEYOND 44 WEEKS POSTMENSTRUAL AGE.
A Udoko, M Passarella, B Formanowski, J Radack, S Lorch and S Hwang, Aurora, CO; Philadelphia, PA. University of Colorado School of Medicine (WAP/WSCI Travel Award Winner)

12:00 IMPLEMENTATION OF A BUNDLE OF INTERVENTIONS TO INCREASE MEDICAL INTERPRETER UTILIZATION IN THE NICU.
J Feister, S Razdan, V Escobar, P Gay, M Persoglia Bell, S Kainec, M Scala and S Bonifacio, Palo Alto, CA, CA; Palo Alto, CA. Lucile Packard Children's Hospital Stanford (WSPR)

12:15 PSYCHARE: EVALUATING CURRENT ACCESSIBILITY TO PSYCHIATRIC TREATMENT.
S Assaf, Los Angeles, CA. University of California, Los Angeles (WSMRF)
10:15 DERMSOCOPIC FEATURES ASSOCIATED WITH LINCO0518, PRAME AND TERT EXPRESSIOIN IN PIGMENTED SKIN LESIONS SUSPICIOUS FOR MELANOMA.
AL Becker, J Ludzik, E Latour, C Lee, EA Foltz and A Witkowski, Portland, OR; Honolulu, HI; Riverside, CA; Spokane, WA. Oregon Health & Science University John A. Burns School of Medicine at the University of Hawai‘i (WAFMR/WAP Student Subspecialty Award Winner)

10:30 TELEDERMOSCOPY-AIDED SELF-SKIN EXAMINATIONS FOR REMOTE TRIAGE OF SKIN LESIONS.
EA Foltz, J Ludzik, AL Becker and A Witkowski, Portland, OR; Spokane, WA. Oregon Health and Science University Washington State University Elson S. Floyd College of Medicine (WAP/WSCI Travel Award Winner) (WAFMR)

10:45 THE IMPACT OF RACE/ETHNICITY AND GENETICS ON MELANOMA PRIMARY TUMOR SITE, HISTOLOGIC SUBTYPE, AND SITE OF FIRST METASTASES.
BO Adnani and G In, Los Angeles, CA. University of Southern California (WAFMR/WAP/WSCI Outstanding Resident Award )

11:00 PSYCHOMETRIC ASSESSMENT OF A NOVEL HEALTH-RELATED QUALITY OF LIFE INSTRUMENT: FUNCTIONAL ASSESSMENT CANCER THERAPY – CUTANEOUS T-CELL LYMPHOMA.
C Raymundo, D Hippe, J Bredle, D Cella, L Wagner and M Shinohara, Seattle, WA; Elmhurst, IL; Chicago, IL; Winston-Salem, NC. University of Washington School of Medicine

11:15 A DESCRIPTIVE EXERCISE OF PATIENT SENSATIONS DURING RADIATION THERAPY.
S Teplow, S Chandrasekhar and R Ermoian, Seattle, WA. University of Washington

11:30 AUTOMATING LIVER REPORTING AND DATA SYSTEM (LI-RADS) TO CLASSIFY HEPATOCELLULAR CARCINOMA USING ARTIFICIAL INTELLIGENCE.
HR Curtis, J Jin, M Christie, A Wilding, S Villamor, J Park, A Beaven, T Smith and D Jin, Loma Linda, CA. Loma Linda University
11:45 ASSESSMENT OF ONLINE YOUTUBE VIDEOS ON RADIOTHERAPY FOR BREAST CANCER.
B Chai and P Ingledew, Vancouver, BC, Canada. University of British Columbia
Abstract 362

12:00 DERMATOLOGIC COMPLICATIONS IN PEDIATRIC PATIENTS AFTER HEMATOPOIETIC STEM CELL TRANSPLANTATION INDICATED FOR SICKLE CELL DISEASE.
T Dignum and H Brandling-Bennett, Seattle, WA. University of Washington School of Medicine
Abstract 363

12:15 HARVEST FOR HEALTH NORTHWEST: A HOME GARDENING PILOT STUDY TO CULTIVATE THE CONTINUED WELL-BEING OF CANCER SURVIVORS.
SE Burke, KC Schuppe, K Chang, BK Jones, N Limberg, L Bloom, J Antongiovanni, K Cusick, G Britt and K Sinclair, Spokane, WA. Washington State University
Abstract 364

Infectious Diseases II
Carmel Women's Club
Fred Buckner and David Gilbert, Presiding

E King-Nakaoka, AG Morse, R Pace, JE Williams, C Meehan, M Martin, S Ley, C Barbosa-Leiker, MA McGuire and MK McGuire, Seattle, WA; Moscow, ID; Pullman, WA; New Orleans, LA. University of Washington University of Idaho (WSMRF)
Abstract 365

10:30 3-AMINOIMIDAZO[1,2-A] PYRIDINE DERIVATIVES AS NOVEL ANTIMICROBIAL COMPOUNDS.
I Glassman, C Alcantara, E Bentley, D Vosburg and H Szurmant, Pomona, CA; Claremont, CA. Western University of Health Sciences (WSMRF)
Abstract 366

10:45 THE SYPHILIS PROTEIN TP0858 STIMULATES BLOOD AND SKIN T-CELLS DURING INFECTION.
VI Cegielski, CD Godornes, TN Pholsena, VL Campbell, A Wald, DM Koelle and TB Reid, Kansas City, MO; Seattle, WA. University of Missouri-Kansas City School of Medicine University of Washington (WSMRF)
Abstract 367

11:00 FIRST COUNTRY-LEVEL ESTIMATES ALONGSIDE GLOBAL AND REGIONAL ESTIMATES OF BIRTH PREVALENCE FOR NEONATAL HERPES SIMPLEX VIRUS 2 ACROSS 204 COUNTRIES AND TERRITORIES:
GLOBAL BURDEN OF DISEASE STUDY 2021 PRELIMINARY RESULTS.
T Gandhi, H Han, B Berice and M Dirac, Seattle, WA. University of Washington School of Medicine (WSMRF)

11:15 COMPARATIVE GENE EXPRESSION OF SUSCEPTIBLE AND RESISTANT VECTORS OF THE HUMAN PATHOGEN, SCHISTOSOMA MANSONI.
A Calcote, J Fuller, Y Xiong, T Pennance, G Owino, M Odiere and M Steinauer, Lebanon, OR; Kisumu, Kenya. College of Osteopathic Medicine of the Pacific Northwest, Western University of Health Sciences (WSMRF)

11:30 MACHINE LEARNING TO PREDICT PNEUMONIA MORTALITY WITH METATRANSCRIPTOMICS.
J Bloomstein, N Spottswoode, W Worodria, L Huang and C Langelier, Seattle, WA; San Francisco, CA; Kampala, Uganda. University of Washington (WAP/WSCI Travel Award Winner)

11:45 COCCIDIOIDAL PULMONARY CAVITATION: A NEW AGE.
L Kooner, VK Narang, A Munoz, R Kuran, R Johnson and A Heidari, Bakersfield, CA. Kern Medical (WAFMR)

12:00 SELENIUM DEFICIENCY DECREASES HEPATIC SELENOPROTEIN S EXPRESSION BUT DOES NOT EXACERBATE THE ACUTE HEPATIC ENDOPLASMIC RETICULUM (ER) STRESS RESPONSE AFTER ENDOTOXEMIA.
A Hernandez, T Gonzalez, E Bye, G Seedorf, SH Abman, E Mandell, CJ Wright, E Nozik and L Sherlock, Aurora, CO. University of Colorado Anschutz Medical Campus

12:15 CHARACTERIZATION OF THE IMMUNE REACTION TO COVID-19 TREATMENT WITH DEXAMETHASONE: A NARRATIVE REVIEW.
S Fleuret, Spokane, WA. University of Washington School of Medicine

Morphogenesis and Malformations
Rehearsal Room (Sunset Center)
Bridget Fernandez and June Anne Gold, Presiding

10:15 NEUROMUSCULAR DEFICITS IN CLUBFEET ASSOCIATED WITH CONSTRICTION BAND SYNDROME.
A Starcevich, L Demetri, MA James and J Lerman, Sacramento, CA; San Francisco, CA. UC Davis School of Medicine (WSPR Abbott Nutrition Subspecialty Award) (WSMRF)
10:30 INCIDENCE AND CHARACTERIZATION OF CONCHA BULLOSA IN THE PEDIATRIC POPULATION.
JG Jiang, D Mirsky, B Herrmann and S Gitomer, Aurora, CO. University of Colorado School of Medicine
Abstract 375

10:45 THE AUTOPHAGY RECEPTOR TEX264 INITIATES ENDOPLASMIC RETICULUM DEGRADATION DURING KERATINOCYTE DIFFERENTIATION.
CJ Johnson, A Twiaa and CL Simpson, Seattle, WA. University of Washington (WSMRF)
Abstract 376

11:00 HUMAN ADIPOSE DERIVED STEM CELL RESPONSE TO PHYSIOLOGIC BIAXIAL COMPRESSION.
M Irby, D Gonzales, J Froio, A Pettit-Miller and D Margolis, Tucson, AZ. University of Arizona
Abstract 377

11:15 Prolacta State-of-The-Art Speaker:
HUMAN COHESINOPATHIES: EMBRACING THESE RARE DISORDERS.
Matthew A. Deardorff, Children's Hospital Los Angeles, Keck School of Medicine

11:45 PERCHING SYNDROME CASE REPORT AND REVIEW OF LITERATURE.
A Gomes and LM Bird, San Diego, CA. UCSD (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award)
Abstract 378

12:00 INTRAFAMILIAL VARIABILITY IN A FAMILY WITH A GLI2 PATHOGENIC VARIANT: CULLER JONES SYNDROME.
CJ Curry, R Bardini, R Kinman and M Willis, Fresno, CA; San Diego, CA. UCSF/Fresno
Abstract 379

12:15 DISTAL ARTHROGRYPOSIS WITH IMPAIRED PROPRIOCEPTION AND TOUCH: A CASE REPORT AND REVIEW OF THE LITERATURE.
P Erickson and J Schymick, San Jose, CA. Santa Clara Valley Medical Center
Abstract 380

Neonatology General IV
All Saints Church, Seccombe Hall
Meera N. Sankar and Susan Wang, Presiding

10:15 PLATELET TRANSFUSION REFRACTORYNESS AMONG NICU PATIENTS RECEIVING MORE THAN 25 PLATELET TRANSFUSIONS.
TM Bahr, RK Ohls, SJ Ilstrup and RD Christensen, Salt Lake City, UT; Murray, UT. University of Utah Intermountain Healthcare (WSPR)
Abstract 381
10:30 FEASIBILITY OF TRANSFUSING LOW-TITER, COLD-STORED, TYPE O WHOLE BLOOD FOR MASSIVE BLOOD LOSS IN A PERINATAL CENTER.
NR Carr, SM Tweddel, TM Bahr, RK Ohls, SJ Ilstrup and RD Christensen, Salt Lake City, UT; Murray, UT. University of Utah (WSPR)

Abstract 382

10:45 University of Southern California Joan E. Hodgman State-of-The-Art Lecture: PERINATAL INEQUITIES BY RACE, ETHNICITY & NATIVITY: A JOURNEY TOWARDS ANTI-RACIST RESEARCH.
Diana Montoya-Williams, Children's Hospital of Philadelphia

11:15 CLINICAL CHARACTERISTICS AND OUTCOMES OF NEONATES WITH PRENATAL METHAMPHETAMINE EXPOSURE.
MA Chang, L Barton, SR Sardesai, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center/Keck School of Medicine of University of Southern California

Abstract 383

11:30 POSTNATAL OUTCOMES FOR INFANTS WITH NEONATAL OPIOID WITHDRAWAL SYNDROME RECEIVING COORDINATED MATERNAL AND NEONATAL CARE.
J Reddish, C Fung, J Shakib and B Muniyappa, Salt Lake City, UT. University of Utah

Abstract 384

11:45 PATENT DUCTUS ARTERIOSUS TREATMENTS AND CPQCC DEFINED BPD IN PRETERM INFANTS.
C Lee, BJ Cacho, J Kim, P Chun, A Marshall and D Deming, Loma Linda, CA. Loma Linda University School of Medicine

Abstract 385

12:00 EXPERIENCES OF NICU HEALTHCARE WORKERS SERVING A HIGH-RISK PATIENT POPULATION IN A BORDER COMMUNITY IN HIDALGO COUNTY, TEXAS.
EA Gurwitz, D Honrubia and H Lee, McAllen, CA; Edinburg, TX. Stanford University

Abstract 386

12:15 OUTCOMES OF TERM AND LATE PRETERM INFANTS AT RISK FOR HYPOGLYCEMIA AT THE MOTHER BABY UNIT.
S Siddiqui, JY Massouni, V Becerra, FB Wertheimer, R Ramanathan and R Cayabyab, Los Angeles, CA. LAC+USC Medical Center

Abstract 387

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

10:15 THE EFFECT OF PHARMACOLOGICAL OR GENETIC MANIPULATIONS OF AUTOPHAGY ON POLYCYSTIC KIDNEY DISEASE (PKD) IN MICE.
D Atwood, A Chaudhary, OA Oto, N Dwivedi and C Edelstein, Aurora, CO. *University of Colorado (WAP)*

**Abstract 388**

**10:30** LINEAR IGA BULLOUS DERMATOSIS IN A KIDNEY TRANSPLANT RECIPIENT WITH ELEVATED BULLOUS INTERLEUKIN-6 LEVELS: RESPONSIVE TO TREATMENT WITH TOCILIZUMAB (ANTI-IL-6R).

SC Jordan, B Balzer, C Nast, J Atiznea, K Lim, S Kumar, N Nissen and B Shin, Los Angeles, CA. *Cedars-Sinai Medical Center*

**Abstract 389**

**10:45** HYPERTENSION IS A RISK FACTOR FOR POOR OUTCOMES IN CHILDREN BORN WITH A KIDNEY MALFORMATION.

K Taha, M Catapang and D Matsell, Vancouver, BC, Canada. *University of British Columbia (WAP/WSCI Travel Award Winner)*

**Abstract 390**

**11:00** ONCOSTATIN-M-PLASMINOGEN ACTIVATOR INHIBITOR-1 PROPOSED EFFECTS ON ARTERIOVENOUS FISTULA MATURATION: A LITERATURE REVIEW.

N DeMarco, V Rai and DK Agrawal, Pomona, CA. *Western University of Health Sciences (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF)*

**Abstract 391**

**11:15** EFFECT OF MATERNAL PREECLAMPSIA ON THE CARDIOVASCULAR AND HEMATOLOGIC SYSTEMS IN LATE PRE-TERM ADN TERM NEONATES.

H Pavlov, R Ramanathan, L Barton and R Cayabyab, Los Angeles, CA. *Keck School of Medicine*

**Abstract 392**

**11:30** AN INVESTIGATION INTO THE EXPANDED VIABILITY OF HUMAN ADIPOCYTES USING AUTOLOGOUS STROMAL VASCULAR FRACTION.

MD Marpa, S Gupta and D Sokolov, Loma Linda, CA. *Loma Linda University School of Medicine (WSMRF)*

**Abstract 393**

**11:45** ENDOTHELIAL-SPECIFIC CXCL12 REGULATES NEOVASCULARIZATION THROUGH FIBROBLAST VEGF SIGNALING DURING TISSUE REPAIR AND REGENERATION.

AC Hostler, W Hahn, K Fischer, B Stevens, B Litmanovich, H Kussie, D Sivaraj, Z Maan, K Chen and G Gurtner, Tucson, AZ; Palo Alto, CA. *University of Arizona College of Medicine Tucson*

**Abstract 394**

**12:00** HOW SAFE ARE PREGNANT SURGEONS DURING PERCUTANEOUS NEPHROLITHOTOMY?
12:15 RISK FACTORS FOR URINARY TRACT INFECTION AND CLINICAL SUCCESS IN CHILDREN WITH PRENATAL HYDRONEPHROSIS WITHOUT HYDROURETER.

Neuroscience II
Studio 105 (Sunset Center)

10:15 RISK OF RETINAL VASCULAR OCCLUSION AMONG PATIENTS WITH COVID-19 AND INFLUENZA A: A MULTI-CENTERED ANALYSIS.
K Inouye, H Pakhchanian, R Raiker, D Pham, A Hong, S Dang, M Dalal and M Asahi, Pomona, CA; Washington, Morgantown, WV; Henderson, NV. Western University of Health Sciences (WSMRF)

10:30 ANTICOAGULATION IN CHILDREN WITH SEPTIC CEREBRAL SINUS VENOUS THROMBOSIS.
H Seerha, C Amlie-Lefond and K Maher, Seattle, WA. Seattle Children's Hospital

10:45 CHANGES IN NREM SLEEP DURATION FOLLOWING THALAMIC LOW INTENSITY FOCUSED ULTRASOUND PULSATION: PRELIMINARY DATA.
R Chawla, J Gumarang, E Rosario, D Patterson, E Chang, G Jenson, C Mantik, N Dhadwal, M Monti and C Schnakers, Pomona, CA; Los Angeles, CA. Western University of the Health Sciences College of Osteopathic Medicine of the Pacific

11:00 LONGITUDINAL STRUCTURAL BRAIN CHANGES FOLLOWING MODERATE-SEVERE TRAUMATIC BRAIN INJURY AND THE EFFECT OF ACUTE REHABILITATION.
S Schell, AW Kashou, R Jalal, J Ashley, G Griesbach and B Bartnik-Olsen, Loma Linda, CA; Tarzana, CA. Loma Linda University

11:15 MANAGEMENT OF COMPLEX REGIONAL PAIN SYNDROME: AN UPDATED SYSTEMATIC LITERATURE REVIEW.
A Kaplan, D Giuliani, L Benoit and T Turner, Clovis, CA; Reedley, CA. California Health Sciences University (WSMRF)
11:30 EFFECTS OF KETOGENIC DIET ON CORTICAL SURFACE AREA AND CORTICAL THICKNESS FOLLOWING MODERATE TO SEVERE TRAUMATIC BRAIN INJURY.
AW Kashou, R Jalal, S Schell, D Tran and B Bartnik-Olsen, Loma Linda, CA. Loma Linda University

11:45 PLACENTAL THROMBOSIS RESULTING IN HYPOXIC ISCHEMIC ENCEPHALOPATHY IN AN INFANT OF A MOTHER WITH COVID-19.
K Tedesco, JP Wang, R Ramanathan and AM Yeh, Los Angeles, CA. University of Southern California/LAC+USC Medical Center

12:00 FAINTING AFTER A COUGH: A CASE REPORT OF COUGH SYNCOPE.
D Khalid, B Banfer, H Hajeh, G Singh, M Munnangi and L Moosavi, Bridgetown, Barbados; Pomona, CA; Bakersfield, CA. Ross University School of Medicine

12:15 HOLOCORD SPINAL SUBDURAL AND EPIDURAL EMPYEMA WITH MRSA.
S Aboaid, G Singh, C D'Assumpcao, L Moosavi, S Mishra, A Heidari and K Radicic, Bakersfield, CA. Kern Medical

Surgery IV
Room 5 (Sunset Center)
Subhas Gupta, Presiding

10:15 PREOPERATIVE VARIABLES AND POSTOPERATIVE COMPLICATIONS ASSOCIATED WITH OUTPATIENT MORTALITY.
CC Alder, R Meguid, MR Bronsert, K Colborn and W Henderson, Aurora, CO. University of Colorado School of Medicine

10:30 IMMEDIATE RECONSTRUCTION WITH AUTOLOGOUS GRAFTS FOR MANAGEMENT OF INFECTED NASAL IMPLANTS.
A Kruayatidee, P Shakoori, M Rovelo and J Calvert, Beverly Hills, CA. Roxbury Clinic & Surgery Center

10:45 VARIABILITY IN DIAGNOSTIC ULTRASOUND USE FOR SUSPECTED PEDIATRIC ACUTE APPENDICITIS.
NA Belliard, S Raymond and E Tagge, Loma Linda, CA. Loma Linda University

11:00 CLINICAL OUTCOMES OF XEN GEL STENT IMPLANTATION ALONE OR IN COMBINATION WITH PHACOEMULSIFICATION: A RETROSPECTIVE STUDY.
Abstract 409

11:15 CAN WE PREDICT NASOPHARYNX DISTANCE IN CHILDREN FOR SWAB TESTING? A PILOT STUDY.
C Huang, A Tobia, M Dorling and NK Chadha, Vancouver, BC, Canada. University of British Columbia (WSMRF)

Abstract 410

11:30 APPLICATION OF VIRTUAL REALITY, AUGMENTED REALITY, AND MIXED REALITY IN MUSCULOSKELETAL UNDERGRADUATE MEDICAL EDUCATION: A SCOPING REVIEW.
T Chae, D D'Amici and L Leveille, Vancouver, BC, Canada. University of British Columbia BC Children's Hospital

Abstract 411

11:45 EFFECTS OF APREPITANT ON POST-OPERATIVE NAUSEA AND VOMITING IN PATIENTS WITH CONGENITAL HEART DISEASE UNDERGOING CARDIAC SURGERY OR CATHETERIZATION PROCEDURES: A RETROSPECTIVE STUDY.
JW Belk, M Twite, K Klockau, L Silveria and R Clopton, Denver, CO; Aurora, CO. University of Colorado School of Medicine

Abstract 412

12:00 EXPLORING MEDICAL TRAINEE ATTITUDES AND IMPRESSIONS OF AN ACOUSTIC GUIDANCE APPROACH TO TEACHING LAPAROSCOPIC SURGERY.
LA Chen, J Lucas, M Fialkow and B Sobba, Seattle, WA; Jefferson, LA. University of Washington School of Medicine (WSMRF)

Abstract 413

12:15 SOCIODEMOGRAPHIC CHARACTERISTICS OF PATIENTS UNDERGOING SURGERY FOR METASTATIC DISEASE OF THE SPINE.
D Pina, VS Kalistratova, Z Booze, J Holland, J Wick, W Vander Voort, Y Javidan, RF Roberto, E Klineberg, S Lipa, and H Le, Sacramento, CA. University of California, Davis School of Medicine
COFFEE AND DESSERT BUFFET
1:00-1:45 PM
Carmel Women’s Club

JOINT PLENARY SESSION

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

Carmel Women's Club
Friday, January 20, 2023
1:45 PM – 4:15 PM

Fred Buckner, Henry Lee, and Ricardo Correa, Presiding

1:45  WAP/WSCI MAYO SOLEY AWARD
Presenter: Kristen Nadeau, Children's Hospital Colorado
Recipient: Jane E.B. Reusch, University of Colorado School of Medicine

2:00  WAFMR OUTSTANDING INVESTIGATOR AWARD
A NOVEL MODEL OF NEONATAL GLOBAL ISCHEMIA TO IMPROVE TRANSLATIONAL STRATEGIES FOR HYPOXIC-ISCHEMIC ENCEPHALOPATHY.
Robert M. Dietz, Aurora, CO. University of Colorado School of Medicine

2:15  WSPR ABBOTT NUTRITION LOWELL GLASGOW STUDENT RESEARCH AWARD
THE IMPACT OF COVID-19 PANDEMIC ON AFFECTIVE CONCUSSION SYMPTOMS IN ADOLESCENTS.
E Lupori, V Ugalde and F Dong, Bend, OR; Pomona, CA. Western University of Health Sciences The Center for Orthopedic and Neurosurgical Care & Research (WSMRF)
Abstract 415

2:30  WSPR ABBOTT NUTRITION DAVID W. SMITH PEDIATRIC TRAINEE RESEARCH AWARD
ANTENATAL VITAMIN D THERAPY IMPROVES PULMONARY ENDOTHELIAL CELL GROWTH AND RESPONSE TO PROANGIOGENIC STIMULI IN A PREECLAMPSIA MODEL OF BRONCHOPULMONARY DYSPLASIA RELATED PULMONARY HYPERTENSION.
MW Cookson, T Gonzalez, E Bye, G Seedorf, JC Fleet, L Sherlock, SH Abman and E Mandell, Aurora, CO; Austin, TX. University of Colorado
Abstract 416
2:45  WSPR ABBOTT NUTRITION YOUNG INVESTIGATOR RESEARCH AWARD
TBD
Tim Bahr, University of Utah, Intermountain Healthcare

3:15  WSPR STANLEY WRIGHT MEMORIAL LECTURE
COVID 19 VACCINES: DECISION MAKING DURING A PANDEMIC.
Grace Lee, Stanford Children’s Health

3:45  WSPR ABBOTT NUTRITION JOSEPH ST. GEME Jr. EDUCATION AWARD
Presenter: Henry Lee, University of California San Diego
Recipient: Marilyn Jones, University of California, San Diego

4:00  JOURNAL OF INVESTIGATIVE MEDICINE REPORT, Richard McCallum

4:15  ADJOURN

4:15  WSPR BUSINESS MEETING
Mariana Baserga and Henry Lee Presiding - All WSPR members invited

4:15  WAFMR BUSINESS MEETING AND RECEPTION
Ricardo Correa, Presiding
All WAFMR members Invited – Sunset Center – Chapman Room
8:00 EXAMINING THE FACTORIAL AND STRUCTURAL VALIDITY OF THE DASS-21.
G Jacobsen, M Casanova and R Baker, Seattle, WA; Moscow, ID. University of Washington University of Idaho (WSMRF)

Abstract 417

8:15 MOTOR SKILLS IN A STUDY COHORT OF TANNER 2-3 MALES WITH KLINEFELTER SYNDROME: MOTOR SUBDOMAIN PROFILES AND RELATIONSHIP TO TESTOSTERONE LEVELS.
SJ Martin, C Harrison, S Howell and N Tartaglia, Denver, CO; Aurora, CO. Children’s Hospital Colorado (WSPR Abbott Nutrition Subspecialty Award)

Abstract 418

8:30 DEVELOPMENTAL PROFILES IN A COHORT OF NONVERBAL/MINIMALLY VERBAL INDIVIDUALS WITH NEURODEVELOPMENTAL DISABILITIES WITH KNOWN PATHOGENIC VARIANTS ON WHOLE GENOME SEQUENCING.
VK Ma, AH Borbe, A Egense, A Suzuki, R Punatar, K Angkustsiri and SP Shankar, Sacramento, CA. UC Davis UC Davis (WSPR Prolacta Fellow Research Travel Award)

Abstract 419
8:45  **IMPACT OF EDUCATIONAL INTERVENTION ON DELIRIUM MANAGEMENT IN HOSPITALISTS’ PRACTICE.**  
*L Pennington, E Onyema, L Standiford, M Kwak and R Jantea, Houston, TX. University of Texas Health Science Center at Houston- John P and Katherine G McGovern Medical School (WSMRF)*

Abstract 420

9:00  **IMPACT OF A BRIEF FAMILY INTERVENTION ON AFRICAN AMERICAN YOUTHS’ ATTITUDES TOWARDS RISKY BEHAVIORS.**  
*E Sankhala, D Taylor and U Rao, Irvine, CA; Orange, CA. University of California, Irvine*

Abstract 421

9:15  **MENTAL HEALTH PERSPECTIVES OF YOUTH & YOUNG ADULTS AT A MEDICAL SCIENCES UNIVERSITY IN BHUTAN.**  
*AL Ackermann, S Harrigan, C Boen, M Dykstra, B Mao, J Lin, B Ng, C Piccolo, E Slade, A Feng, K Thompson, V Kapoor and G Lam, Kelowna, Canada. University of British Columbia*

Abstract 422

9:30  **EMERGENCY DEPARTMENT USAGE PATTERNS FOLLOWING IMPLEMENTATION OF A MEDICATION ASSISTED THERAPY PROGRAM FOR OPIOID USE DISORDER.**  
*AT Turner, E Rai and TE Robey, Spokane, WA; Los Angeles, CA; Everett, WA. Washington State University (WSMRF)*

Abstract 423

9:45  **PSYCHIATRIC ILLNESS IN HOSPITALIZED DERMATOLOGY PATIENTS.**  
*T Norman and S Worswick, Los Angeles, CA. Keck School of Medicine of the University of Southern California*

Abstract 424

Diversity, Equity and Inclusion III  
Room 5 (Sunset Center)  
*Ricardo Correa, Presiding*

8:00  **ENHANCING SEXUAL AND REPRODUCTIVE HEALTH LITERACY AND EMPOWERMENT FOR INDIGENOUS ADOLESCENT FEMALES THROUGH A COMPREHENSIVE, COMMUNITY-BUILT EDUCATION SERIES IN RURAL NEPAL.**  
*KM Gray, A Chambers, L Nakajima, S Loughton, S Bondy, A Ho and V Kapoor, Vancouver, BC, Canada. University of British Columbia*

Abstract 425

8:15  **COMPARING ACADEMIC AND SOCIAL DISPARITIES BETWEEN MEDICAL STUDENTS OF DIFFERENT RACIAL GROUPS.**  
*M Alba, A Devati, L Wang and JM Dobrich, Reno, NV. University of Nevada School of Medicine*

Abstract 426
8:30  PERSPECTIVES ON A TRANSITION TO STANDARDIZED LETTERS OF RECOMMENDATION TO SUPPORT CANDIDATES APPLYING TO GRADUATE MEDICAL EDUCATION PROGRAMS: CAN A STEP TOWARDS HOLISTIC REVIEW IMPROVE DIVERSITY, EQUITY, AND INCLUSION GOALS?
A Nguyen, C Zipf-Sigler, A Huang, R De Leon and A Kumar, Spokane, WA; Seattle, WA; Allentown, PA. Washington State University Elson S. Floyd College of Medicine

Abstract 427

8:45  THE IMPACT OF HOMELESSNESS ON MANAGEMENT OF MENSTRUATION AND DYSMENORRHEA IN POMONA, CA.
GK Ahuja, S Holtzman, S Fuchs and AL Nelson, Pomona, CA. Western University of Health Sciences

Abstract 428

9:00  THE IMPACT OF STRUCTURAL HEALTH INEQUITIES ON THE AAP’S 2022 POLICY: BREASTFEEDING AND THE USE OF HUMAN MILK.
S Saleem and K Burger, Pomona, CA. Western University of Health Sciences, College of Osteopathic Medicine of the Pacific (WSMRF)

Abstract 429

9:15  BARRIERS AND FACILITATORS TO STAYING ON PERITONEAL DIALYSIS AMONG BLACK AND LATINO PATIENTS.
A Oh, G Davidson, MB Rivara, J Bullock, A Dick and E Serrano, Seattle, WA. University of Washington (WSMRF)

Abstract 430

9:30  THE EFFECTS OF MEDICAL STUDENT MENTORSHIP ON DISADVANTAGED PRE-MED UNDERGRADUATE STUDENTS.
RD Lopez-Flores, A Edossa, S Thomas and Z Walker, Reno, NV. University of Nevada, Reno School of Medicine (WSMRF)

Abstract 431

9:45  COMPARISON OF OCCUPATIONAL THERAPY AND OSTEOPATHIC MANIPULATIVE TREATMENT IN NEONATAL INTENSIVE CARE UNITS.
S Saleem, K Burger, B Takata, B Zufall and C Oosterbaan, Pomona, CA; West Covina, CA. Western University of Health Sciences, College of Osteopathic Medicine of the Pacific (WSMRF)

Abstract 432

Endocrinology and Metabolism III
Green Room (Sunset Center)
Sebastien Fuchs, Presiding

8:00  ORAL RISEDRONATE TREATMENT IN VARIOUS FORMS OF PEDIATRIC OSTEOGENESIS IMPERFECTA.
8:15 METABOLIC IMPACTS ON POST-SURGICAL OUTCOMES AFTER HEMIEPIPHYSIODESIS FOR HYPOPHOSPHATEMIC RICKETS.
I Marpuri, I Chen, C Grimbly, O Abousamra and A Ryabets-Lienhard, Los Angeles, CA; Edmonton, Canada. Children's Hospital Los Angeles (WAP/WSCI Travel Award Winner) Abstract 433

8:30 PHENOTYPIC DIFFERENCES IN A MOTHER AND SON WITH X-LINKED HYPOPHOSPHATEMIA.
N Shrestha and C Lovato, Albuquerque, NM. University of New Mexico Abstract 434

8:45 TEPROTUMUMAB FOR TREATMENT OF PRETIBIAL MYXEDEMA.
MP Reyes, J Singh, D Turnbull and J Cabrera, Porterville, CA. Sierra View Medical Center Abstract 435

9:00 EVALUATING THE FREQUENCY, CHARACTERISTICS, AND SEVERITY OF NON-OSSIFYING FIBROMAS IN CHILDREN WITH CONGENITAL FORMS OF RICKETS AT TWO TERTIARY CARE CENTERS IN THE US AND CANADA.
S Torres, C Grimbly, L Ward, K Antoniak, O Abousamra and A Ryabets-Lienhard, Los Angeles, CA; Edmonton, Canada; Ottawa, Canada. Keck School of Medicine, USC Abstract 436

9:15 PELLAGRA, FROM HISTORY BOOKS TO PRESENT CLINICAL PRACTISE: A CASE REPORT OF ALCOHOLIC PELLAGROUS ENCEPHALOPATHY.
H Hajeh, S Narula, S Mishra and K Radicic, Bakersfield, CA. UCLA Kern Medical Abstract 437

9:30 LEVOTHYROXINE DOSES IN PREGNANCY AND PREGNANCY OUTCOMES.
Y Pedram, Los Angeles, CA. University of Southern California Abstract 438

9:45 PSEUDOHYPOPARATHYROIDISM TYPE 1B PRESENTING AS EARLY ONSET, SEVERE OBESITY.
KL Eckert, Sacramento, CA. UC Davis Abstract 439

Genetics II
Rehearsal Room (Sunset Center)
Jessica Duis and Vanina Taliercio, Presiding

8:00 INPATIENT RAPID EXOME/GENOME SEQUENCING.
8:15  LANDSCAPE OF CHROMOSOMAL MICROARRAY ANALYSIS FINDINGS IN CHILDREN WITH AUTISM, DEVELOPMENTAL DELAYS, INTELLECTUAL DISABILITY, CONGENITAL ANOMALIES WITH COMORBID CONDITIONS - A SINGLE CENTRE RETROSPECTIVE REVIEW.
C Yang and EM Spiteri, Palo Alto, CA. Stanford Medicine
Abstract 442

8:30  THE EXTRAORDINARY BABIES STUDY: ANALYSIS OF PHYSICAL FEATURES OF PRENATALLY IDENTIFIED INFANTS WITH SEX CHROMOSOME TRISOMIES (SCT).
J Kirk, S Davis, S Howell, M Brown and N Tartaglia, Aurora, CO. University of Colorado Anschutz Medical Campus Children’s Hospital Colorado (WSPR Abbott Nutrition Subspecialty Award)
Abstract 443

8:45  ACTIVATED PLCB4 SYNDROME: A MULTISYSTEM DISORDER WITH POTENTIALLY TREATABLE LETHAL VASOSPASM.
M Deardorff, S Kanai, A Kumar, J Bernstein, M Lines, C Gordon and D Clouthier, Los Angeles, CA; Palo Alto, CA; Denver, CO; Calgary, Canada; Paris, France. Children's Hospital Los Angeles
Abstract 444

9:00  A NOVEL MYOFIBRILLAR MYOPATHY IN A FAMILY WITH COMPOUND HETEROZYGOUS FLNC VARIANTS.
V Kimonis, G Lee and K Hall, Orange, CA. University of California, Irvine
Abstract 445

9:15  EVIDENCE THAT RARE, MOTIF-ATYPICAL TANDEM REPEAT EXPANSIONS IN FGF14 ARE ASSOCIATED WITH AUTISM SPECTRUM DISORDER.
BA Fernandez, J Howe, W Engchaun, SW Scherer, RK Yuen, C Shum, AJ Chan and BTrost, Los Angeles, CA; Toronto, Canada. Children's Hospital Los Angeles Keck School of Medicine of USC
Abstract 446

9:30  NEXT GENERATION PHENOTYPING WITH QUANTITATIVE NARRATION FOR DE CGAGS SYNDROME.
J Woods, R Freeman, and A Noronha, Madera, CA; Palo Alto, CA; Oakland, CA. Valley Children's Hospital Stanford University (WSPR Reckitt/Mead Johnson Nutrition Subspecialty Award)
Abstract 447

9:45  MOLECULAR TESTING IN NEWBORN SCREENING: VARIANT OF UNKNOWN SIGNIFICANCE BURDEN AMONG TRUE POSITIVE AND REPRODUCTIVE LIMITATIONS.
E Dunn, S Cook, L Calderwood, M Campion and CG Tise, Palo Alto, CA. Stanford University
Abstract 448
8:00  USABILITY AND EFFICACY OF A CLINICAL DECISION SUPPORT TOOL.
S Zoucha, D Bailly and M Winder, Salt Lake City, UT. University of Utah (WSPR)
Abstract 449

8:15  BRAIN CANCER DIAGNOSIS AND PROGNOSIS USING ARTIFICIAL
INTELLIGENCE AND IMAGING.
KH Miao and JH Miao, New York, NY. NYU School of Medicine Cornell University
(WAFMR)
Abstract 450

8:30  PREDICTING PATHOLOGICAL FRACTURES AND OPTIMIZING
MANAGEMENT WITH RADIATION AND SURGERY FOR PATIENTS WITH
BONE METASTASES USING APPLICATIONS OF MEDICAL IMAGING AND
ARTIFICIAL INTELLIGENCE.
JH Miao, New York, NY. Cornell University (WAFMR)
Abstract 451

8:45  WOES OF DRIED BLOOD SPOT TESTING: DISCREPANCIES WHEN
COMpared TO REFERENCE VALUES.
LW Raymond, Charlotte, NC; Chapel Hill, NC. Atrium Health University of North
Carolina, Chapel Hill (WAFMR)
Abstract 452

9:00  EVALUATION OF ENVIRONMENTAL IMPACT REDUCTION USING
MULTIDOSE CONTRAST INJECTOR IN THE EMERGENCY SETTING: A
RETROSPECTIVE SINGLE CENTER EXPERIENCE.
N Kar, S Park, C Fateri, S Rao, B Roth, V Yaghmai and R Houshyar, Orange, CA.
University of California at Irvine
Abstract 453

9:15  IMPACT OF COVID-19 PANDEMIC ON OSTEOPOROSIS SCREENING USING
DUAL-ENERGY X-RAY ABSORPTIOMETRY.
LA Hisatomi, A Villegas, M White, D Pina, A Garfinkel, G Agrawal, N Punatar, B Wise,
P Teng and H Le, Elk Grove, CA; Sacramento, CA. California Northstate University,
College of Medicine UC Davis School of Medicine (WSMRF)
Abstract 454

9:30  PATIENT EXPERIENCE IN USING EXERCISERX APP: ELECTRONIC
HEALTH RECORDS EMBEDDED PLATFORM TO SUPPORT PHYSICAL
ACTIVITY IN PATIENTS.
S Mozafari, R Raji, A Moroney, S Munson and C Lin, Seattle, WA; Moscow, ID.
University of Washington University of Idaho (WSMRF)
Abstract 455
9:45 EVALUATING THE QUALITY OF YOUTUBE VIDEOS ON VAGAL NERVE STIMULATION TREATMENT FOR DRUG-RESISTANT EPILEPSY. 
MK Tran and B Afghani, Newport Beach, CA; Orange, CA. Corona Del Mar High School (WSMRF)

Neonatology General V
Carpenter Hall
Shelley Lawrence and Deepika Sankaran, Presiding

8:00 ALTERNATIVE METHODS OF BILIRUBIN MEASUREMENT IN PRETERM AND TERM INFANTS ADMITTED TO NICU.
M Biniwale, D Cho, L Barton, K Ramm and R Ramanathan, Los Angeles, CA. LAC+USC Medical Center

8:15 GROWTH TRAJECTORIES OF PRETERM NEONATES WITH FETAL GROWTH RESTRICTION ARE SIMILAR TO APPROPRIATE FOR GESTATIONAL AGE PRETERM NEONATES DURING NICU HOSPITALIZATION.
H Hesse, C Levek, T Hernandez and LD Brown, Aurora, CO. University of Colorado SOM

8:30 ASSESSING THE CLINICAL IMPACT OF SUPPLEMENTAL HUMAN MILK CREAM IN VERY LOW BIRTH WEIGHT INFANTS RECEIVING AN EXCLUSIVE-HUMAN BASED NUTRITION.
M Tetarbe, M Chang, L Barton, R Ramanathan and R CAYABYAB, Los Angeles, CA. University of Southern California (WSPR Prolacta Fellow Research Travel Award)

8:45 CEREBROVASCULAR RESPONSES TO A 90° TILT IN HEALTHY NEONATES.
JS Chwa, BS Peterson, M Borzage, KM Brady, JC Wood and NN Tran, Los Angeles, CA; Chicago, IL. Keck School of Medicine, University of Southern California

9:00 OUTCOMES OF INFANTS IN THE MOTHER BABY UNIT AFTER THE IMPLEMENTATION OF ORAL GLUCOSE GEL FOR NEONATAL HYPOGLYCEMIA.
JY Massoumi, S Siddiqui, V Becerra, R Cayabyab, R Ramanathan and FB Wertheimer, Los Angeles, CA. LAC+USC Medical Center

9:15 PLATELET TRANSFUSIONS IN A MULTI-NICU HEALTHCARE ORGANIZATION BEFORE VS. AFTER PUBLICATION OF THE PLANET-2 STUDY.
TM Bahr, TR Christensen, ER Henry, M Astin, SJ Ilstrup, RK Ohls and RD Christensen,
9:30  A HUMAN MILK DIET IN LATE PRETERM AND TERM INFANTS IN THE NEONATAL INTENSIVE CARE UNIT: A PILOT RANDOMIZED CONTROLLED TRIAL.
N Pithia, K Kesavan, M Garg and KL Calkins, Los Angeles, CA. UCLA (AFMR Henry Christian Award) (WSPR)

9:45  PARENTAL PERCEPTIONS SURROUNDING RAPID WHOLE GENOME SEQUENCING IN THE NEONATAL INTENSIVE CARE UNIT.
R Levy, S Malone Jenkins, R Plamquist, C Solorzano, JL Bonkowsky and C Torr, Salt Lake City, UT. University of Utah

Neonatology - Perinatal Biology II
Studio 105 (Sunset Center)
Viviana M. Fajardo and Camille Fung, Presiding

8:00  CIRCADIAN DISRUPTION IMPACTS FEMALE FERTILITY.
SM Britz, KM Earhart, JK Pru and EE Schmitt, Seattle, WA; Laramie, WY. University of Washington School of Medicine (WSMRF)

8:15  THE ROLE OF GATA4 IN LUNG HYPOPLASIA AND PULMONARY HYPERTENSION ASSOCIATED WITH CONGENITAL DIAPHRAGMATIC HERNIA.
B Pham, G Stokes, M Wienhold, R Herman, W Chung and D McCulley, San Diego, CA; New York, NY; Madison, WI. University of California, San Diego Rady Children’s Hospital of San Diego (WSPR)

8:30  ANGIogenic PATHWAYS ARE LOWERED IN THE SKELETAL MUSCLE OF THE IUGR FETUS.
T Dear, E Chang, S Jonker, P Rozance and LD Brown, Aurora, CO; Portland, OR. University of Colorado

8:45  CONTINUOUS INFUSION OF RECOMBINANT INSULIN-LIKE GROWTH FACTOR 1 AND BINDING PROTEIN 3 IMPROVES RESPIRATORY GAS EXCHANGE INDICES IN MECHANICALLY VENTILATED PRETERM LAMBS.
D Hubbard, A Rebentisch, E Major, Z Vordos, J Van Boerum, E Dawson, D Null, MJ Dahl, N Barton, G Carey, M McHale, R Ward and K Albertine, Salt Lake City, UT; Sacramento, UT; Cambridge, MA; Altrincham, United Kingdom. University of Utah University of California, Davis (AFMR Henry Christian Award) (WSMRF)
9:00  **BIOLGIC POTENTIAL OF HUMAN UMBILICAL CORD DERIVED MESENCHYMAL STEM CELLS EXPOSED TO MATERNAL SMOKING AND ACTIVE SARS-COV-2 INFECTION AT DELIVERY.**
_S Janardhan, F Bany-Mohammed, C Uy and M Aslam, Orange, CA. University of California, Irvine_

9:15  **UTEROPLACENTAL INSUFFICIENCY DOES NOT ALTER BRAIN DHA ACCRETION IN THE RAT.**
_S Hochhauser, A Cohen, H Wang, A Maschek, J Cox and L Joss-Moore, Salt Lake City, UT. University of Utah University of Utah (WSPR Prolacta Graduate Student Research Travel Award)_

9:30  **PANETH CELL ONTOGENY IN TERM AND PRETERM LAMBS.**
_A Cera, G Bautista, S Gugino, S Lakshminrusimha and S McElroy, Sacramento, CA; Buffalo, NY. University of California Davis_

9:45  **POLYUNSATURATED FATTY ACIDS MEDIATE INFLAMMATION AND IMMUNITY IN A MURINE MODEL OF PATHOLOGICAL NEOVASCULARIZATION IN OXYGEN-INDUCED RETINOPATHY.**
_ES Kim, M Lin, B Aguirre, M Wadehra, KL Calkins and A Chu, Los Angeles, CA. University of California, Los Angeles (WSPR Abbott Nutrition Subspecialty Award) (WSPR)_

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Pulmonary and Critical Care II
Promenade Lobby (Sunset Center)
*Michael Schivo, Presiding*

8:00  **THE EFFECT OF AN SOD MIMETIC ON INTERSTITIAL MACROPHAGE ACCUMULATION IN CHRONIC HYPOXIC PULMONARY HYPERTENSION.**
_TN Nguyen, C Lewis, JN Posey, M Jordan, SD Burciaga, R Oberley-Deegan, C Delaney and E Nozik, Aurora, CO; Omaha, NE. University of Colorado Anschutz Medical Campus University of Colorado Anschutz Medical Campus_

8:15  **DRILLING DOWN ON HARD METAL LUNG DISEASE.**
_SA Gandhi, O Saeed, KD Jones, RA Cohen, P Blanc and L Santhosh, Indianapolis, IN; San Francisco, CA; Chicago, IL. UCSF (WAP/WSCI Travel Award Winner)_

8:30  **LONGITUDINAL FOLLOW-UP OF PULMONARY FUNCTION IN PATIENTS HOSPITALIZED WITH PULMONARY COVID-19.**
8:45  SERUM PROCALCITONIN LEVEL IN PULMONARY COCCIDIOIDOMYCOSIS INFECTION.
S Aboaid, R Sharma, A Heidari and A Aboeed, Bakersfield, CA. Kern Medical

9:00  PLATELET ALPHA GRANULE DEFICIENCY DELAYS THE DEVELOPMENT OF HYPOXIA-INDUCED PULMONARY HYPERTENSION.
JN Posey, M Jordan, SD Burciaga, E Nozik and C Delaney, Aurora, CO. University of Colorado, Anschutz Medical Campus

9:15  MECHANICAL JAW THRUST: A SIMPLE IMPROVEMENT TO AN ESSENTIAL MANEUVER.
N Banyi, Vancouver, BC, Canada. University of British Columbia (WSMRF)

9:30  A SHOCKING SOLUTION TO SHOCK.
J Kim, AA Zeki and L William, Sacramento, CA. UC Davis

9:45  AN 81-YEAR-OLD MAN WITH SUDDEN ONSET DYSPNEA AND ORTHOPNEA.
AM Lim, JK Oberndorf, R Hambartzhumian and C Morales Chinchillas, Rancho Mirage, CA. Eisenhower Medical Center
CONCURRENT SESSIONS

Saturday, January 21, 2023
10:15 AM – 12:00 PM

Jointly sponsored by

WESTERN SECTION AMERICAN FEDERATION FOR MEDICAL RESEARCH
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WESTERN STUDENT MEDICAL RESEARCH FORUM

Case Reports II .......................................................... Promenade Lobby
Genetics III .................................................................. Rehearsal Room
Healthcare Delivery Research IV .................................. Babcock #6
Hematology and Oncology III ......................................... Green Room
Immunology and Rheumatology II ................................. Room 5, Sunset Center
Neonatology – General VI .............................................. Carpenter Hall
Neonatology Pulmonary III ............................................. Conductor’s Room
Neuroscience III .......................................................... Studio 105

Case Reports II
Promenade Lobby (Sunset Center)
W. Conrad Liles, Presiding

10:15 PRIMARY MONKEYPOX AND SECONDARY SYPHILIS IN AN HIV PATIENT: A COMMUNITY HOSPITAL EXPERIENCE.
C D'Assumpcao, G Castanares, M Fang, R McPheeters and A Heidari, Bakersfield, CA. Kern Medical

Abstract 481

10:30 MYOPERICARDITIS IN A PEDIATRIC PATIENT WITH TYPICAL HEMOLYTIC UREMIC SYNDROME.
A Lew, A Henning and S Kache, Palo Alto, CA. Stanford University

Abstract 482

10:45 PURPLE URINE BAG SYNDROME: A RARE PHENOMENON OF URINARY TRACT INFECTION.
D Khalid, H Hajeh, G Singh, M Munnangi and N Quillatupa, Bridgetown, Barbados; Bakersfield, CA; Pomona, CA. Ross University School of Medicine

Abstract 483

11:00 A CASE OF SECOND-GENERATION, VERTICALLY TRANSMITTED, MULTIDRUG RESISTANCE CONGENITAL HIV.
A Mills, J Wang, AM Yeh and M Cielo, Los Angeles, CA. University of Southern California/LAC+USC Medical Center
11:15 CATASTROPHIC CASE OF WEST NILE VIRUS RHOMBOENCEPHALITIS IN A PATIENT WITH AIDS.
C D'Assumpcao, R Sharma, M Valdez, E Salimi, A Chaudhry, R Kuran and A Heidari, Bakersfield, CA; Los Angeles, CA; Pomona, CA. Kern Medical David Geffen School of Medicine, UCLA

11:30 PRIMARY DISSEMINATED NOCARDIA BRASILIENSIS IN AN IMMUNOCOMPETENT PATIENT.
A Hauser, M Valdez, G Singh, J Mungcal, I Fong, C D'Assumpcao, K Radicic and A Heidari, Bakersfield, CA. Kern Medical

11:45 MENINGOVASCULAR NEUROSYPHILIS PRESENTING WITH ANOMIC APHASIA.
C D'Assumpcao, A Garcia, C Logan, K Sabetain, R Johnson and A Heidari, Bakersfield, CA; Bridgetown, Barbados; Cupecoy, Sint Maarten (Dutch part). Ross University School of Medicine

Genetics III
Rehearsal Room (Sunset Center)
Heather Byers and Dave Viskochil, Presiding

10:15 DETECTION OF ZELLEWEGER SPECTRUM DISORDER ON NEWBORN SCREENING AND THE VALUE OF URINE ORGANIC ACID STUDIES.
L Chilakamarri, SM Huguenin, T Cowan, K Cusmano-Ozog and CG Tise, Palo Alto, CA; Santa Clara, CA. Stanford University

10:30 HEART TRANSPLANTATION IN MULIBREY NANISM: TRULY PERSONALIZED MEDICINE.
E Frandsen, N Shwaish, M Bock and J Gold, Loma Linda, CA; San Diego, CA. Rady's Children's Hospital WSPR Reckitt/Mead Johnson Nutrition Junior Faculty Award

10:45 REFINEBIO: THE BRIDGE BETWEEN REFINEBIO AND BIOCONDUCTOR.
A Ho and S Davis, Aurora, CO. University of Colorado Anschutz School of Medicine

11:00 INTERACTIONS BETWEEN RAPTOR AND TRANSLATION GENES CONTROLLING HYPOXIC DEATH.
A Correa-Medina and C Crowder, Seattle, WA. University of Washington School of Medicine

Abstract 484

Abstract 485

Abstract 486

Abstract 487

Abstract 488

Abstract 489

Abstract 490

Abstract 491
11:15 EVALUATION OF FAMILY HISTORY DOCUMENTATION IN A TERTIARY PEDIATRIC ONCOLOGY SETTING BEFORE AND AFTER DIDACTIC INTERVENTION.
F Bhansali, K Woo, N Federman and V Chang, Los Angeles, CA. UCLA

11:30 NEW FINDING OF CARDIOMYOPATHY IN MED12-RELATED DISORDER.
ER Vieta-Ferrer, NJ Halnon, A Shikany, K Weaver and B Russell, Los Angeles, CA; Cincinnati, OH. UCLA Jules Stein Eye Institute-UCLA

11:45 JUVENILE XANTHOGRAMULOMAS IN NF1: SHOULD WE WORRY?
V Taliercio, G Akay, C Hagedorn and D Viskochil, Salt Lake City, UT. University of Utah

Healthcare Delivery Research V
Babcock #6 (Sunset Center)

10:15 IMPACT OF COVID-19 PANDEMIC ON PHARMACOLOGIC TREATMENT OF PATIENTS NEWLY DIAGNOSED WITH OSTEOPOROSIS.
M White, LA Hisatomi, A Villegas, D Pina, A Garfinkel, G Agrawal, N Punatar, B Wise, P Teng and H Le, Sacramento, CA; Elk Grove, CA. UC Davis School of Medicine

10:30 INCREASE IN CENTRAL LINE-ASSOCIATED AND HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS IN THE UNIVERSITY OF UTAH NEONATAL INTENSIVE CARE UNIT.
M Nolan, M Elkayssi, B Chan, C Ling and P Grubb, Salt Lake City, UT. University of Utah (WSPR)

10:45 PERSPECTIVES OF A PREDOMINANTLY MARGINALIZED POPULATION ON TELEMEDICINE.
M Azarmi, S Hussain, D Chin, H Nguyen-Tang and B Afghani, Orange, CA. UC Irvine School of Medicine Children's Hospital of Orange County

11:00 BRAIN HEALTH PROGRAM CLINICALLY IMPROVES QUALITY OF LIFE OUTCOMES FOR PATIENTS WITH MULTIPLE SCLEROSIS.
J Felker, L Vidal, J Skoda, K Keefer and A Miravalle, Aurora, CO; Fort Collins, CO. University of Colorado School of Medicine (WSMRF)

11:15 TREATING MYOFASCIAL PAIN IN OTHELLO, WA: DRY & WET NEEDLING
THERAPIES.
M Zha, RE Caro and J Alsarraj, Othello, WA; Spokane, WA. Columbia Basin Health Association

11:30 TIKTOK, IT'S THAT TIME OF MONTH: A QUALITATIVE EVALUATION OF TIKTOK AS A SOURCE OF INFORMATION ON MENSTRUATION.
N Nguyen, CM Haddadin and AL Nelson, Pomona, CA. Western University of Health Sciences

11:45 HOME VS. HOSPITAL BIRTH: PATIENT PERCEPTIONS, ATTITUDES, AND ADVICE EXPRESSED ON REDDIT.
K Morris, F Lane, A Nelson and H Stohl, Pomona, CA; Lebanon, OR; Los Angeles, CA. Western University of Health Sciences

Hematology and Oncology III
Green Room (Sunset Center)
Everardo Cobos, Presiding

10:15 THE ROLE OF LIPOCALIN-2 IN TRIPLE NEGATIVE BREAST CANCER SPHEROID/ORGANOID PROGRESSION AND INVASION.
A Gerami, J Gamez, J Cox, F Sanchez and J Kelber, Pomona, CA; Northridge, CA. Western University of Health Sciences California State University, Northridge (WSMRF)

10:30 CROSS SECTIONAL ANALYSIS OF TRANSCRIPTOMICS IN MELANOMA-BRAIN METASTASIS.
JJ Owen, S Capone and G In, Dallas, TX; Los Angeles, CA; Roanoke, VA. Texas A&M School of Medicine (WSMRF)

10:45 CELL-FREE DNA ACCURATELY DISTINGUISH VISCERAL METASTASES BASED ON TRANSCRIPTION FACTOR BINDING SITES IN RADIUM-223-TREATED METASTATIC CASTRATION-RESISTANT PROSTATE CANCER.
DD Chen, A Zimmer, AD Choudhury and G Ha, Seattle, WA; Boston, MA. University of Washington School of Medicine

11:00 BLADDER CANCER CHEMOTHERAPY RESISTANCE IS REGULATED BY RNA METHYLATION.
E Hodara, A Mades, S Rhie and A Goldkorn, Los Angeles, CA. Keck School of Medicine of USC (WSMRF)

11:15 HYPONATREMIA IN PEDIATRIC B-ALL PATIENTS DURING INDUCTION
THERAPY.
TL Thein and P Gaynon, Los Angeles, CA. Keck School of Medicine of USC (WSMRF) Abstract 506

11:30 ROLE OF TGF-B PATHWAY ACTIVATION IN METASTATIC EWING SARCOMA.
T Lipson, E Wrenn and E Lawlor, Seattle, WA. Seattle Children's Research Institute University of Washington School of Medicine (WSMRF) Abstract 507

11:45 AUGMENTING TRADITIONAL SICKLING TEST USING AUTOMATED MICROSCOPY AND MACHINE LEARNING: A LOW-COST APPLICATION FOR SICKLE CELL DISEASE SCREENING IN RURAL NEPAL.
C Bhatla, P Shrestha, R Hong, C Harrigan, Y Deng, C Lanz, V Kapoor and B Stoeber, Vancouver, BC, Canada. University of British Columbia (WSMRF) Abstract 508

Immunology and Rheumatology II
Room 5 (Sunset Center)
Jane Buckner, Presiding

10:15 State-of-The-Art Speaker:
REGULATORY T CELLS IN T1D – FROM GWAS TO GENE EDITING.
Jane Hoyt Buckner, Benaroya Research Institute, University of Washington

10:45 NNIF-MEDIATED NEUTROPHIL EXTRACELLULAR TRAP INHIBITION REQUIRES NEUTROPHIL PROTEINASE 3 EXPRESSION.
JL Rustad, A Ajanel Gomez, M Kowalczyk, MJ Cody, C de Araujo, F Denorme, RA Campbell and CC Yost, Salt Lake City, UT; Burlington, VT. University of Utah University of Vermont College of Medicine (WAFMR/WAP Student Subspecialty Award Winner) (WSMRF) Abstract 509

11:00 USE OF DISEASE MODIFYING ANTI-RHEUMATIC DRUGS AND RISK OF MULTIPLE MYELOMA IN RHEUMATOID ARTHRITIS.
Y Tokareva, A Peterson, A Baraff, N Smith, D Coffey, N Weiss and N Singh, Seattle, WA; Miami, FL. University of Washington Abstract 510

11:15 TRANSCRIPTIONAL PROFILING OF GERMLINE-ENCODED, MYCOLYL-REACTIVE CELLS IN PREVIOUSLY MYCOBACTERIUM TUBERCULOSIS-EXPOSED PERUVIANS.
A Hsieh, K Lopez, SK Iwany, JF Reijneveld, TA Ocampo, J Jimenez, R Calderon, L Lecca, MB Murray, DB Moody, I Van Rhijn and S Suliman, San Francisco, CA; Pomona, CA; Lima, Peru; Boston, MA; Utrecht, Netherlands. UCSF School of Medicine College of Osteopathic Medicine of the Pacific, Western University of Health Sciences (WSMRF)
11:30 A COMPARISON OF FACTORS ASSOCIATED WITH IMMINENT TRANSITION FROM PRE-RHEUMATOID ARTHRITIS TO CLINICALLY-APPARENT INFLAMMATORY ARTHRITIS IN ACPA POSITIVE INDIVIDUALS.
DC Carlson, ML Feser, DT Bergstedt, CC Striebich and K Deane, Aurora, CO; Denver, CO. University of Colorado Anschutz Medical Campus (WAP/WSCI Travel Award Winner)

11:45 A CURIOUS CASE OF MASTOCYTOSIS.
R Rahimi, VE Espinoza, H Truong, E Hashem, N Mangat and I Garcia-Pacheco, Bakersfield, CA. Kern Medical

Neonatology General VI
Carpenter Hall
Kathleen Hannan and Henry Lee, Presiding

10:15 EFFECT OF DIFFERENT LOCATION OF DOPPLER SAMPLING GATE AT THE VENTRICULAR OUTFLOW TRACT ON THE VELOCITY TIME INTEGRAL WHEN MEASURING CARDIAC OUTPUT IN NEONATES.
J Huang, M Ebrahim, M Durand, S Noori, R Ramanathan, R Cayabyab and MA Adie, Los Angeles, CA. LAC+USC Medical Center Keck School of Medicine of University of Southern California

10:30 LOW-FIDELITY NEONATAL RESUSCITATION PROGRAM SIMULATION AS PART OF THE ACADEMIC CURRICULUM YIELDS IMPROVED RETENTION OF SKILLS IN PEDIATRIC TRAINEES.
J Yom, K Kasbati and M Khan, Los Angeles, CA; Brooklyn, NY. LAC+USC Medical Center, Keck School of Medicine of University of Southern California Maimonides Medical Center

10:45 RATES OF LUMBAR PUNCTURE SUCCESS WITH AND WITHOUT POINT OF CARE ULTRASOUND IN THE NEONATAL INTENSIVE CARE UNIT.
H Gu, R Dasani, L Bain, A Rao and S Bhombal, Palo Alto, CA; Atlanta, GA. Stanford University (WSPR)

11:00 EFFECTS OF DELIVERY ROOM INTERVENTIONS ON NEONATAL OUTCOMES IN VERY LOW BIRTH WEIGHT INFANTS.
K Ramm, C Marquez, A Hisey, Y Shao, NS Nanduri, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center
11:15 CHARACTERIZING CEREBRAL BLOOD FLOW AND ITS ALTERATIONS FROM PACKED RED BLOOD CELL TRANSFUSION DURING THE FIRST WEEK OF LIFE IN PREMATURE INFANTS.

M Tetarbe, M Biniwale, D Nagesh, R Ramanathan and T Wu, Los Angeles, CA.
University of Southern California

Abstract 518

11:30 CAN PLACENTAL ABRUPTION CAUSE NEONATAL ANEMIA?.

SM Tweddell, TM Bahr, ER Henry, J Page, SJ Ilstrup, RK Ohls and RD Christensen, Salt Lake City, UT. University of Utah

Abstract 519

11:45 A QUALITATIVE INVESTIGATION OF CAREGIVER COMMUNICATION PREFERENCES AND DISPARITIES BY PRIMARY LANGUAGE IN A LEVEL IV NEONATAL INTENSIVE CARE UNIT.

C Ramo, SL Bourque, MA Palau, M Nino de Guzman Ramirez, R Guigli, M Mascorro and S Hwang, Denver, CO. University of Colorado (WSPR)

Abstract 520

Neonatology Pulmonary III
Conductor's Room (Sunset Center)
Sandra L. Leibel and Erica Mandell, Presiding

10:15 OBSERVED-TO-EXPECTED MRI FETAL LUNG VOLUME AS A PREDICTOR OF OUTCOMES IN SEVERE DIAPHRAGMATIC HERNIA.

T Ellsworth, B Yoder and M Yang, Salt Lake City, UT. University of Utah

Abstract 521

10:30 DEXAMETHASONE USE IN PRETERM INFANTS ON NON-INVASIVE POSITIVE-PRESSURE VENTILATION.

S Kim, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC+USC Medical Center, Keck School of Medicine of University of Southern California

Abstract 522

10:45 FACTORS DETERMINING SUCCESS VS FAILURE OF NONINVASIVE POSITIVE PRESSURE VENTILATION IN THE DELIVERY ROOM IN INFANTS WEIGHING MORE THAN 1500 GM BIRTH WEIGHT.

T Kurup, L Barton, R Ramanathan and M Biniwale, Los Angeles, CA. LAC-USC Medical Center

Abstract 523

11:00 USE OF NONINVASIVE BIOMARKER SATURATION TO FIO₂ RATIO TO STUDY PULMONARY EFFECTS OF PATENT DUCTUS ARTERIOSUS IN THE DEVELOPMENT OF BRONCHOPULMONARY DYSPLASIA IN EXTREMELY LOW BIRTH WEIGHT INFANTS.

R Kibe, M Chu, R Cayabyab, M Biniwale and R Ramanathan, Los Angeles, CA.
11:15 A QUALITY IMPROVEMENT INITIATIVE IMPLEMENTING LESS INVASIVE SURFACTANT ADMINISTRATION.
S Newman-Lindsay, A Cera, J Vaughn, C Sollinger and K Kuhn-Riordon, Sacramento, CA. UC Davis

11:30 INCIDENCE, RISK FACTORS, AND ANTIBIOTIC USE IN VENTILATOR ASSOCIATED PNEUMONIA IN VERY LOW BIRTH WEIGHT INFANTS–EXPERIENCE AT A SINGLE LEVEL III NEONATAL INTENSIVE CARE UNIT.
J Huang, M Cielo, L Barton, R Ramanathan and R Cayabyab, Los Angeles, CA.
LAC+USC Medical Center Keck School of Medicine of University of Southern California

11:45 EVALUATION OF PRESSURE DELIVERY BY HEATED, HUMIDIFIED, HIGH FLOW NASAL CANNULA IN AN ARTIFICIAL NEONATAL AIRWAY MODEL.
AF Miner, LJ Miner, S Cheney and B Yoder, New Brunswick, NJ; Salt Lake City, UT.
Rutgers Robert Wood Johnson Medical School

Neuroscience III
Studio 105 (Sunset Center)
Frances Chow, Presiding

10:15 INTRAPERITONEAL INSULIN-LIKE GROWTH FACTOR-1 IS NEUROPROTECTIVE AND IMPROVES COGNITIVE-BEHAVIORAL OUTCOMES AFTER TRAUMATIC BRAIN INJURY.
A Pereverzev, B Heckel, L Venkatasamy, J Hoar, J Iannucci and L Shapiro, College Station, TX. Texas A&M University School of Medicine

10:30 BETTER VISUAOSPATIAL MEMORY OUTCOMES FOLLOWING LASER ABLATION COMPARED TO ANTERIOR TEMPORAL LOBECTOMY.
K Hulse, B Grannan, J Kang, M Kim, J Tsai, S Hakimian, J Hauptman, J Ojemann and A Ko, Seattle, WA. University of Washington

10:45 NOVEL MODEL OF GLOBAL CEREBRAL ISCHEMIA INDUCED BY CARDIAC ARREST REVEALS HIPPOCAMPAL DYSFUNCTION.
E Tiemeier, A Dingman, S Kathiresh, N Quilinan and RM Dietz, Aurora, CO. University of Colorado Anschutz Medical Campus (WAP/WSCI Travel Award Winner)

11:00 EXOSOME-EXPOSED ARF-8 CHORDOMA AND OSTEOBLAST CELL LINES EXPERIENCE CHANGES IN PROTEINS AFFECTING SIGNALING
METABOLISM, CELL MOVEMENT, AND COMMUNICATION.
KN Nguyen and MW Graner, Aurora, CO. University of Colorado (WSMRF)

11:15 INVESTIGATION OF VISUOSPATIAL PLAQUE DIMENSIONS IN MULTIPLE SCLEROSIS AS MEASURED BY CONVENTIONAL T2 WEIGHTED MAGNETIC RESONANCE IMAGING VERSUS ADVANCED MAGNETIC RESONANCE IMAGING TECHNIQUES.
A Ramprasad, F Qureshi and R Khan, Kansas City, MO; Fort Wayne, IN. University of Missouri-Kansas City School of Medicine

11:30 ASSESSING MEDICAL AND PHYSICAL THERAPY STUDENTS’ COMPETENCIES IN CONCUSSION MANAGEMENT PROTOCOL.
E Lupori, F Iqbal, D Wang, EA Tangog, W Cheung, L McKay, T Alsky and D Baron, Pomona, CA; Tucson, AZ; Irvine, CA; Lebanon, OR. Western University of Health Science - COMPNW (WSMRF)

11:45 IMPACT OF CLINICAL ROTATIONS/SHADOWING ON CONCUSSION KNOWLEDGE AMONG MD/PT STUDENTS IN THE US.
F Iqbal, E Lupori, D Wang, W Cheung, EA Tangog, L McKay, T Alsky and D Baron, Lebanon, OR; Tucson, AZ; Irvine, CA; Pomona, CA. Western University of Health Sciences Western University of Health Sciences College of Osteopathic Medicine of the Pacific (WSMRF)
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