

# STUDENT SUBSPECIALTY AWARD 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

Monterey Beach Hotel – LaGrande Room

6:00 PM – 8:00 PM

Thursday, January 29, 2004

- 1 SUCCESS RATE OF AMBULATORY BLOOD PRESSURE MONITORING IN INFANTS AND SMALL CHILDREN.**  
*P Chen and M Hurley, Vancouver, BC. University of British Columbia (WSPR Subspecialty Award Winner)* Abstract 65
- 2 THE ROLE OF AMYLOID IN THE CELLULAR PATHOLOGY OF ALZHEIMER'S DISEASE.**  
*YJ Ioffe, K Wong, E Masliah, B Miller, J Ray, FH Gage, and AL Miller, San Diego, CA and La Jolla, CA. University of California, San Diego (WAFMR/WSCI Subspecialty Award Winner)* Abstract 66
- 3 BIRTH HISTORY AND EARLY DEVELOPMENT OF CHILDREN DIAGNOSED WITH EARLY ONSET OPPOSITIONAL DEFIANT DISORDER OR CONDUCT DISORDER.**  
*JH Vasen, MJ Reid, and C Webster-Stratton, Seattle, WA. University of Washington (WSPR Subspecialty Award Winner)* Abstract 67
- 4 OXIDIZED PHOSPHOLIPIDS INHIBIT ANGIOGENESIS THROUGH A MECHANISM THAT INVOLVES PROTEIN KINASE B (AKT) AND MITOGEN-ACTIVATED PROTEIN KINASE PHOSPHATASE-1.**  
*LA Caromile, F Hernandez, ST Reddy, IJ Kurland, and KE Watson, Los Angeles, CA. David Geffen School of Medicine at UCLA (WAFMR/WSCI Subspecialty Award Winner)* Abstract 68
- 5 THE CIGARETTE SMOKE COMPONENTS 2-ETHYLPYRIDINE AND 3-ETHYLPYRIDINE DISRUPT CHICK CHORIOALLANTOIC MEMBRANE ULTRASTRUCTURE.**  
*J Chung, G Melkonian, L Ji, and P Talbot, Riverside, CA. University of California, Riverside (WSPR Subspecialty Award Winner)* Abstract 69
- 6 FUNCTIONAL ROLE OF CASPASES IN HEAT-INDUCED TESTICULAR GERM CELL APOPTOSIS.**  
*S Rodriguez, Y Vera, V Pope, M Castanares, YH Lue, V Atienza, C Wang, RS Swerdloff, and AP Sinha Hikim, Torrance, CA. Harbor-UCLA (WAFMR/WSCI Subspecialty Award Winner)* Abstract 70
- 7 IMPROVED OUTCOME FOLLOWING TREATMENT OF HEPATITIS C INFECTION.**  
*JD Moe and AM Larson, Kirkland, WA, and Seattle, WA. University of Washington (WAFMR/WSCI Subspecialty Award Winner)* Abstract 71
- 8 HERMANSKY-PUDLAK SYNDROME TYPE-4 (HPS-4): CLINICAL AND MOLECULAR CHARACTERISTICS.**  
*PD Anderson, M Huizing, and WA Gahl, Seattle, WA, and Bethesda, MD. University of Washington (WSPR Subspecialty Award Winner)* Abstract 72

- 9 **DOCUMENTATION OF DOMESTIC VIOLENCE DURING PREGNANCY.**  
PA Ezidinma, JT Abbott, L Yancey, C Mendoza, K Feldhaus, and S Al Bata, Aurora, CO and Denver, CO.  
*University of Colorado School of Medicine (WSPR Subspecialty Award Winner)* Abstract 73
- 10 **CD8+ T CELLS AS IMMUNOGENIC VACCINE VEHICLES.**  
AC Shur, L Hsing, Y Yang, M Dossett, C Ohlen, S Riddell, and P Greenberg, Seattle, WA. *University of Washington (WAFMR/WSCI Subspecialty Award Winner)* Abstract 74
- 11 **ANTI-OXIDANT DEFENSES PARTIALLY PROTECT *ESCHERICHIA COLI* FROM NEUTROPHIL ANTIMICROBIAL SYSTEMS.**  
CM Nitzel, P Lewis, and H Rosen, Seattle, WA. *University of Washington (WAFMR/WSCI Subspecialty Award Winner)* Abstract 75
- 12 **INTESTINAL INFUSIONS OF LACTULOSE SUPPRESS GHRELIN IN A DOSE-DEPENDENT MANNER: ROLE OF INTESTINAL OSMOLARITY IN PRANDIAL GHRELIN REGULATION.**  
TS Tylee, J Overduin, RS Frayo, and DE Cummings, Seattle, WA. *University of Washington (WAFMR/WSCI Subspecialty Award Winner)* Abstract 76
- 13 **PREGNANCY OUTCOME IN WOMEN EXPOSED TO SELECTIVE SEROTONIN REUPTAKE INHIBITORS: A PROSPECTIVE CONTROLLED COHORT STUDY OF 808 EXPOSED WOMEN.**  
S Ali, CD Chambers, KL Jones, and BL Parry, San Diego, CA, and La Jolla, CA. *University of California, San Diego (WSPR Subspecialty Award Winner)* Abstract 77
- 14 **EVIDENCE FOR PULMONARY ALVEOLAR LIPOFIBROBLASTS IN HUMAN LUNG.**  
S Sugano, S Romero, B Pheng, Y Wang, D Bassiri, S Dhanakoti, JS Torday, and VK Rehan, Torrance, CA.  
*University of California, Los Angeles (WSPR Subspecialty Award Winner)* Abstract 78
- 15 **DEVELOPMENT OF A SIMPLE, INEXPENSIVE MODEL FOR INSTRUCTION OF UMBILICAL VEIN CATHETERIZATION.**  
E Ng and AJ Macnab, Vancouver, BC. *University of British Columbia (WSPR Subspecialty Award Winner)* Abstract 79
- 16 **CONTROL OF AXON GUIDANCE DURING BRAIN DEVELOPMENT BY EPHEXIN, A NOVEL REGULATOR OF THE ACTIN CYTOSKELETON.**  
MZ Lin, M Sahin, P Greer, SM Shamah, and ME Greenberg, San Diego, CA, and Boston, MA.  
*University of California, Los Angeles (WAFMR/WSCI Subspecialty Award Winner)* Abstract 80
- 17 **EFFECT OF DIETARY OMEGA-6 FATTY ACID ON ANDROGEN-INDEPENDENT PROSTATE TUMOR PROGRESSION AND SURVIVAL IN SEVERE COMBINED IMMUNODEFICIENCY MICE.**  
TH Ngo, RJ Barnard, T Anton, C Tran, D Heber, and WJ Aronson, Fountain Valley, CA, and Los Angeles, CA. *Western University (WAFMR/WSCI Subspecialty Award Winner)* Abstract 81
- 18 **VARIABLE NUMBER TANDEM REPEATS IN THE PROSTACYCLIN SYNTHASE PROMOTER MAY BE ASSOCIATED WITH PRIMARY PULMONARY HYPERTENSION.**  
RJ Oyer, SP Nana-Sinkam, RS Stearman, S Sotto-Santiago, MD Moore, JE Loyd, and MW Geraci, Denver, CO, and Nashville, TN. *University of Colorado School of Medicine (WAFMR/WSCI Subspecialty Award Winner)* Abstract 82
- 19 **ADMINISTRATION OF AORTIC VASCULAR ENDOTHELIAL OR MESENCHYMAL STEM CELLS THAT CAN DIFFERENTIATE INTO ENDOTHELIAL CELLS PROTECTS AGAINST AND HASTENS RECOVERY FROM ISCHEMIC ACUTE RENAL FAILURE IN RATS.**  
KJ Weiss, FE Toegel, and C Westenfelder, Salt Lake City, UT. *University of Utah (WAFMR/WSCI Subspecialty Award Winner)* Abstract 83
- 20 **NONINVASIVE MEASUREMENTS OF INTRAMUSCULAR PRESSURE USING ULTRASOUND FOR DETECTING COMPARTMENT SYNDROMES.**  
JM Wiemann, T Ueno, AK Schwartz, WT Yost, and AR Hargens, La Jolla, CA, San Diego, CA, and Hampton, VA.  
*University of California, San Diego (WAFMR/WSCI Subspecialty Award Winner)* Abstract 84

## Adolescent Medicine

- 1 **ABDOMINAL PAIN AND VOMITING: AN UNEXPECTED DIAGNOSIS.**  
*JB Wallis, T Dobbs, and B Lo-Blais, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 1
- 2 **KAWASAKI DISEASE AT THE UNIVERSITY OF SOUTH ALABAMA CHILDREN'S AND WOMEN'S HOSPITAL.**  
*MY Mancao and K Prokopova, Mobile, AL. University of South Alabama* Abstract 2
- 3 **UNUSUAL PHENOTYPES ASSOCIATED WITH MICRODELETION 22Q11.2.**  
*LF Florez, P Rojas, D Moscatello, and Y Lacassie, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 3
- 4 **ACUTE GASTROINTESTINAL SYMPTOMS IN INFANTS: A WIDE DIFFERENTIAL.**  
*DW Lewis, JB Wallis, J Ey, R Robbins, E Knoebel, and A Vargas, Gulfport, MS and New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 4

## Allergy, Immunology and Rheumatology

- 5 **IS ACNE ASSOCIATED WITH SINUSITIS?**  
*L Yao, MM Fazikas, S Kamboj, and P Kumar, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 5
- 6 **TRIAMCINOLONE-INDUCED SCLERODERMA RENAL CRISIS.**  
*H Sarwar, LR Espinoza, and Z Yaqub, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 6
- 7 **ACUTE MYELOGENOUS LEUKEMIA AFTER TREATMENT WITH INFLIXIMAB.**  
*MM Ahmed, E Mubashir, SM Berney, S Hayat, M Hearth-Holmes, and RE Wolf, Shreveport, LA. Louisiana State University Health Sciences Center at Shreveport* Abstract 7
- 8 **MANAGEMENT OF GLATIRAMER (COPAXONE) REACTIONS: EXPERIENCE WITH DESENSITIZATION.**  
*SR Inamdar, M Rensel, F Hsieh, H Katz, T Rambasek, C Radojicic, and DL Lang, Madison, MS and Cleveland, OH. University of Mississippi Medical Center (Amgen Rheumatology Scholar Award Winner)* Abstract 8
- 9 **THE GENES, ENVIRONMENT, AND HOST IMMUNE RESPONSES IN THE ETIOLOGY OF SYSTEMIC LUPUS ERYTHEMATOSUS.**  
*JB Harley, JA Kelly, MT McClain, and JA James, Oklahoma City, OK. University of Oklahoma Health Sciences Center* Abstract 9
- 10 **MULTIFOCAL-OSTEONECROSIS IN THE SETTING OF HUMAN IMMUNODEFICIENCY VIRUS INFECTION.**  
*J Marquez, CS Restrepo, L Candia, and LR Espinoza, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 10
- 11 **TTP FOLLOWING CYCLOPHOSPHAMIDE IN SCLERODERMA.**  
*H Sarwar, D Cejka, and H McGrath, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 11

## Cardiovascular

- 12 **EFFECT OF THERMAL APPLICATIONS ON DURATION OF EXPERIMENTAL ATRIAL FIBRILLATION.**  
*RH Whitney III, MM Mower, PR Brown, and GK Ostrander, Baltimore, MA. The Johns Hopkins University School of Medicine (SAFMR/SSCI Student Research Award Winner)* Abstract 12

- 13 **COMPUTERIZED ELECTROCARDIOGRAPHIC DIAGNOSES OF CARDIAC ARRHYTHMIAS — ARE THEY REALLY RELIABLE?**  
*H Singh, A Guttigoli, S Banuru, U Patel, W Weerackody, S Niranjana, and A Khanna, Brooklyn, NY. Coney Island Hospital* Abstract 13
- 14 **PROFOUND SINUS BRADYCARDIA DUE TO DILTIAZEM OR VERAPAMIL.**  
*TA Mills, MM Kawji, and DL Glancy, New Orleans, LA and Joliet, IL. Louisiana State University Health Sciences Center* Abstract 14
- 15 **LARGE PRECORDIAL QRS VOLTAGE IS A FEATURE OF EARLY REPOLARIZATION ON THE ELECTROCARDIOGRAM AND USUALLY DOES NOT DENOTE COEXISTENT LEFT VENTRICULAR ENLARGEMENT.**  
*FF Zayed, WH Doghmi, RG Anand, and DL Glancy, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 15
- 16 **ELECTROCARDIOGRAPHIC FINDINGS IN 891 PATIENTS ≥ 90 YEARS OF AGE.**  
*GP Kelley, MA Stellingworth, SA Broyles, and DL Glancy, New Orleans, LA. Louisiana State University (SAFMR/SSCI Trainee Award Winner)* Abstract 16
- 17 **INDUCIBILITY OF VENTRICULAR ARRHYTHMIAS IN A RAT MODEL OF CARDIAC FIBROSIS.**  
*TA Williams, SC Marak, AL de Jongh Curry, RA Malkin, and Y Sun, Memphis, TN. University of Tennessee Health Science Center (SAFMR/SSCI Trainee Award Winner)* Abstract 17
- 18 **COMPARISON OF EXERCISE STRESS NUCLEAR CARDIAC IMAGING VERSUS PHARMACOLOGICAL STRESS NUCLEAR CARDIAC IMAGING IN WOMEN PRESENTING WITH CHEST PAIN IN A COMMUNITY HOSPITAL.**  
*SS Jain, H Rao, G Sangana, A Khanna, and S Niranjana, Brooklyn, NY. Coney Island Hospital* Abstract 18
- 19 **CONCORDANCE OF OBSTRUCTIVE AND NON-OBSTRUCTIVE CORONARY STENOSES – POTENTIAL IMPACT ON STRESS TESTING.**  
*K Sellberg, R Gerkin, and KB Desser, Phoenix, AZ. Banner Good Samaritan Medical Center* Abstract 19
- 20 **DOES THE SEBACEOUS GLAND PLAY A ROLE IN ATHEROSCLEROSIS?**  
*UM Patel and H Weerackody, Brooklyn, NY. Coney Island Hospital* Abstract 20
- 21 **REPRODUCIBILITY OF ANGINAL SYMPTOMS DURING CORONARY ANGIOGRAPHY IN PATIENTS WITH NON OBSTRUCTIVE CORONARY ARTERIES.**  
*UM Patel, H Weerackody, R Ailiani, A Gupta, A Eapen, A Flood, S Niranjana, S Islam, and A Khanna, Brooklyn, NY. Coney Island Hospital* Abstract 21
- 22 **INCIDENCE AND OUTCOME AMONG PATIENTS WITH NON ST ELEVATION MYOCARDIAL INFARCTION (NSTEMI) AND CARDIOGENIC SHOCK (CS). A THREE YEAR COMMUNITY HOSPITAL EXPERIENCE IN NEW YORK CITY.**  
*U Patel, K Pochampally, R Ailiani, M Agrawal, A Khanna, and S Niranjana, Brooklyn, NY. Coney Island Hospital* Abstract 22
- 23 **FREQUENCY AND CHARACTERISTICS OF PATIENTS WITH VASOVAGAL SYMPTOMS DURING SHEATH REMOVAL POST CARDIAC CATHETERIZATION (CATH). A COMMUNITY HOSPITAL EXPERIENCE.**  
*S Banuru, A Khanna, S Niranjana, A Garg, and H Weerackody, Brooklyn, NY. Coney Island Hospital* Abstract 23
- 24 **STENT TREATMENT OF LEFT SUBCLAVIAN ARTERY STENOSIS IN PATIENTS REFERRED FOR CORONARY ARTERY BYPASS SURGERY.**  
*W Mohammed, TR Norred, BN Khuri, and DL Glancy, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 24

- 25 C-REACTIVE PROTEIN AND THE PREDICTION OF CARDIOVASCULAR EVENTS IN PATIENTS WITH DOCUMENTED CORONARY ARTERY DISEASE: EFFECTS OF ASPIRIN AND STATIN THERAPY.**  
*JP Zambrano, J Chirinos, S Chakko, L Tamariz, A Palacio, G Perez, and A Mendez, Miami, FL and Baltimore, MD. University of Miami* Abstract 25
- 26 SUCCESSFUL ANGIOPLASTY WITH A CUTTING BALLOON OF RECURRENT RENAL ARTERY STENOSIS DUE TO FIBROMUSCULAR DYSPLASIA.**  
*EM Velasquez, BN Khuri, and DL Glancy, New Orleans, LA and Baton Rouge, LA. Louisiana State University Health Sciences Center* Abstract 26
- 27 MULTIPLE STROKES IN A 52-YEAR-OLD WOMAN WITH AN OCCULT PULMONARY ARTERIOVENOUS FISTULA RESULTING FROM A STAB WOUND 20 YEARS EARLIER.**  
*TA Mills, SM Gupta, LH Harrison, J Lopera, EJ Daveron, FR Helmcke, JA Martinez, and DL Glancy, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 27
- 28 ACCELERATED AGE-RELATED TREND OF ARTERIAL STIFFNESS IN YOUNG ADULTS WITH METABOLIC SYNDROME: THE BOGALUSA HEART STUDY.**  
*S Li, W Chen, SR Srinivasan, and GS Berenson, New Orleans, LA. Tulane University* Abstract 28
- 29 CONSTELLATION OF METABOLIC SYNDROME VARIABLES AT LOW LEVELS IN CHILDHOOD IS BENEFICIALLY ASSOCIATED WITH ADULTHOOD CARDIOVASCULAR RISK: THE BOGALUSA HEART STUDY.**  
*W Chen, SR Srinivasan, S Li, J Xu, and GS Berenson, New Orleans, LA. Tulane University* Abstract 29
- 30 HERITABILITY OF CARDIOVASCULAR RISK FACTORS IN A LONGITUDINAL COHORT OF VERIFIED AND UNVERIFIED BLACK AND WHITE SIBLINGS: THE BOGALUSA HEART STUDY.**  
*W Chen, J Xu, SR Srinivasan, S Li, GS Berenson, and E Boerwinkle, New Orleans, LA and Houston, TX. Tulane University* Abstract 30
- 31 SUCCESSFUL TREATMENT OF INNOMINATE ARTERY BIFURCATION STENOSIS WITH KISSING STENTS.**  
*W Mohammed, TR Norred, BN Khuri, and DL Glancy, New Orleans, LA. Louisiana State University* Abstract 31
- 32 ELIGIBILITY FOR CARDIAC RESYNCHRONIZATION THERAPY IN GERIATRIC PATIENTS IN A COMMUNITY HOSPITAL.**  
*T Dhillon, U Patel, N Agrawal, R Ailiani, S Islam, A Khanna, and S Niranjana, Brooklyn, NY. Coney Island Hospital* Abstract 32
- 33 ATRIAL NATRIURETIC PEPTIDE INHIBITS COLLAGEN PRODUCTION IN CARDIAC FIBROBLASTS.**  
*D Wang, S Oparil, and Y Chen, Birmingham, AL. University of Alabama at Birmingham (SAFMR/SSCI Young Faculty Award Winner)* Abstract 33
- 34 MECHANISM OF SEPTAL BOUNCE IN PATIENTS WITH CONSTRICTIVE PERICARDITIS.**  
*A Shirwany, IA D'Cruz, and DS Weimann, Memphis, TN. University of Tennessee* Abstract 34
- 35 INTRAMYOCARDIAL LIPID ACCUMULATION CORRELATES WITH ALTERATIONS IN GENE EXPRESSION IN THE FAILING HUMAN HEART.**  
*S Sharma, J Adroque, H Taegtmeyer, K Youker, GP Noon, and OH Frazier, Houston, TX. University of Texas Houston Medical School* Abstract 35
- 36 AUTOIMMUNITY AND REMODELING AT SITES REMOTE TO MYOCARDIAL INFARCTION.**  
*PA Gideon, KJ Warrington, L Lu, Y Sun, and KT Weber, Memphis, TN. University of Tennessee Health Science Center (SAFMR/SSCI Trainee Award Winner)* Abstract 36

- 37 ATRIAL NATRIURETIC PEPTIDE MODULATES EXTRACELLULAR EXPRESSION IN PATHOLOGIC BUT NOT PHYSIOLOGIC LEFT VENTRICULAR HYPERTROPHY.**  
*AE Sheridan, JA Feng, D Wang, P Li, S Oparil, and YF Chen, Birmingham, AL. University of Alabama at Birmingham (SSCI Young Investigator Award Winner)* Abstract 37
- 38 SPIRONOLACTONE AS IMMUNOMODULATORY THERAPY IN ALDOSTERONISM.**  
*A Malhotra, IC Gerling, Y Sun, KJ Warrington, AE Postlethwaite, and KT Weber, Memphis, TN. University of Tennessee Health Science Center* Abstract 38
- 39 ROLE OF H<sub>2</sub>O<sub>2</sub> IN INDUCING AUTOREACTIVITY OF PERIPHERAL BLOOD MONONUCLEAR CELLS IN ALDOSTERONISM.**  
*F Rehman, RA Ahokas, IC Gerling, KJ Warrington, Y Sun, PA Herring, AE Postlethwaite, and KT Weber, Memphis, TN. University of Tennessee Health Science Center (SAFMR/SSCI Trainee Award Winner)* Abstract 39
- 40 THE PROINFLAMMATORY CORONARY VASCULAR PHENOTYPE OF ALDOSTERONISM: ROLE OF CYTOSOLIC FREE [Mg<sup>2+</sup>]<sub>i</sub> AND [Ca<sup>2+</sup>]<sub>i</sub> IN PERIPHERAL BLOOD MONONUCLEAR CELL ACTIVATION.**  
*LA Wodi, RA Ahokas, KJ Warrington, IC Gerling, Y Sun, SK Bhattacharya, AE Postlethwaite, and KT Weber, Memphis, TN. University of Tennessee Health Science Center (SSCI Young Investigator Award Winner)* Abstract 40
- 41 TISSUE ANGIOTENSIN II AND INFLAMMATORY COMPONENTS OF REPAIR IN THE RAT HEART.**  
*AD Robinson, Y Sun, J Zhang, L Lu, and KT Weber, Memphis, TN. University of Tennessee Health Science Center (SAFMR/SSCI Student Research Award Winner)* Abstract 41
- 42 MODULATION OF TUMOR NECROSIS FACTOR- $\alpha$  PRODUCTION BY HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS. CONTRASTING ROLES OF ANGIOTENSIN II AND ACETYLCHOLINE.**  
*AD Whitted, JF Ingels, AE Postlethwaite, and KT Weber, Memphis, TN. University of Tennessee Health Science Center* Abstract 42
- 43 IN CORPULENT JCR RATS, OLIVE OIL AND FISH OIL DIETS EFFECTIVELY MITIGATE THE EFFECT OF HYPERINSULINEMIA TO INDUCE SREBP-1 AND LIPOGENIC ENZYME GENE EXPRESSION.**  
*A Sheybani, MB Elam, HG Wilcox, LM Cagen, and X Deng, Memphis, TN. University of Tennessee Health Sciences Center* Abstract 43
- 44 YOU CAN FOOL SOME PEOPLE SOME OF THE TIME: EFFECTIVENESS OF NIACIN, WARFARIN, AND ANTIOXIDANT VITAMIN BLINDING IN THE ADMIT STUDY.**  
*DA Dishmon, MJ Graney, CW Thompson, and MB Elam, Memphis, TN. University of Tennessee Health Sciences Center* Abstract 44
- 45 IDENTIFYING POTENTIAL HEALTH RISK FACTORS OF HYPERTENSION USING MENTAL STRESS TESTS IN DIALYSIS, INTENSIVE CARE, OR EMERGENCY ROOM NURSES AS COMPARED TO OTHER NURSING SPECIALTIES.**  
*J Liao, EA Aguilar, G Butterbaugh, B Roques, M Rose, R Costa, T Reisin, and E Reisin, New Orleans, LA. Louisiana State University Health Sciences Center (Amgen Nephrology Scholar Award Winner)* Abstract 45
- 46 THE RELATIONSHIP BETWEEN STRESS-INDUCED NEUROPHYSIOLOGIC RESPONSES AND COMMON CAROTID ARTERY ULTRASONOGRAPHIC IMAGING IN NORMOTENSIVE AND PRE-HYPERTENSIVE ADULTS.**  
*W Gabbard, K Tourgeman, EA Aguilar, J Liao, G Butterbaugh, B Roques, M Rose, R Costa, and E Reisin, New Orleans, LA. Louisiana State University Health Sciences Center (Amgen Nephrology Scholar Award Winner)* Abstract 46

- 47 BODY MASS INDEX MEASURED SERIALY FROM CHILDHOOD TO ADULthood CONSISTENTLY PREDICTS LEFT VENTRICULAR MASS INDEX IN YOUNG ADULTS: THE BOGALUSA HEART STUDY.**  
*X Li, E Ulusoy, W Chen, SR Srinivasan, S Li, and GS Berenson, New Orleans, LA. Tulane University (SAFMR/SSCI Student Research Award Winner)* Abstract 47
- 48 A HEME OXYGENASE INHIBITOR RESTORES ENDOTHELIAL VASODILATOR FUNCTION IN OBESE ZUCKER RATS.**  
*SD Appleton, RA Johnson, and FK Johnson, New Orleans, LA. Tulane University (SAFMR/SSCI Trainee Award Winner)* Abstract 48
- 49 NONDIPPING AND MENTAL STRESS-INDUCED HORMONAL AND HEMODYNAMIC CHANGES AS THE RISK OF DEVELOPMENT OF HYPERTENSION AND CARDIOVASCULAR DISEASE.**  
*R Zhang, EA Aguilar, J Liao, G Butterbaugh, C Blake, B Roques, M Rose, R Costa, S Gupta, and E Reisin, New Orleans, LA. Louisiana State University Health Sciences Center (SAFMR/SSCI Young Faculty Award Winner)* Abstract 49
- 50 THE EFFECT OF CHRONIC HYPERINSULINEMIA ON FIBROUS TISSUE OF VENTRICULAR MYOCARDIUM IN NON TRANSPLANT MODEL OF CHRONIC HYPERINSULINEMIC DOGS.**  
*H Oktaei, MH Shokouh Amiri, O Gaber, L Gaber, A Salem, and AE Kitabchi, Memphis, TN. University of Tennessee Health Science Center* Abstract 50
- 51 TROPONIN I LEVELS IN HYPOTHYROID PATIENTS.**  
*M Agrawal, R Ailiani, U Patel, A Guttigoli, R Patil, C Shah, A Khanna, and S Niranjana, Brooklyn, NY. Coney Island Hospital (SAFMR/SSCI Trainee Award Winner)* Abstract 51
- Clinical Epidemiology and Preventive Medicine**
- 52 UTILIZATION OF EMERGENCY DEPARTMENT BY ADOLESCENTS.**  
*KW Monroe, E Hook, M Jones, and WD King, Birmingham, AL. University of Alabama* Abstract 52
- 53 EPIDEMIOLOGY OF FALLS IN PEDIATRIC PATIENTS REQUIRING ADMISSION IN JEFFERSON COUNTY ALABAMA.**  
*JE McCain, KW Monroe, and WD King, Birmingham, AL. University of Alabama* Abstract 53
- 54 CLINICAL OPHTHALMIC CHARACTERIZATION OF PTOSIS AND TREATMENT OUTCOMES IN HISPANIC NEW MEXICANS WITH OCULOPHARYNGEAL MUSCULAR DYSTROPHY.**  
*JS Jaramillo and RC Allen, Albuquerque, NM. University of New Mexico School of Medicine* Abstract 54
- 55 EPIDEMIOLOGY OF CYCLOPEDAL INJURIES IN PEDIATRIC PATIENTS IN JEFFERSON COUNTY REQUIRING ADMISSION TO CHILDREN'S HOSPITAL.**  
*M Meredith, KW Monroe, and WD King, Birmingham, AL. University of Alabama* Abstract 55
- 56 PREVENTION OF CATHETER-ASSOCIATED DEEP VENOUS THROMBOSIS: A SYSTEMATIC REVIEW.**  
*AC Kirkpatrick, SW Rathbun, TL Whitsett, GE Raskob, and MS Bronze, Edmond, OK and Oklahoma City, OK. Oklahoma University* Abstract 56
- 57 AGE OF ONSET OF EXCESS WEIGHT BY PARENT REPORT AMONG OVERWEIGHT CHILDREN AND ADOLESCENTS.**  
*LK Carlisle and MS Sothorn, New Orleans, LA. Louisiana State University* Abstract 57
- 58 BIRTH WEIGHT AMONG SEVERELY OVERWEIGHT CHILDREN: DIFFERENCES BY RACE AND GENDER.**  
*LK Carlisle and MS Sothorn, New Orleans, LA. Louisiana State University* Abstract 58

## Endocrinology and Metabolism

- 59 **INSULIN (INS) INITIATES CALMODULIN (CaM) GENE TRANSCRIPTION BY FIRST STIMULATING O-GlcNAc TRANSFERASE (OGT).**  
*J Wright, G Majumdar, P Markowitz, A Martinez-Hernandez, R Raghov, and S Solomon, Memphis, TN. University of Tennessee, Center of Health Sciences (SAFMR/SSCI Student Research Award Winner)* Abstract 59
- 60 **BENEFIT OF MULTIPLE DAILY INJECTIONS OF INSULIN PRIOR TO INSULIN PUMP THERAPY IN TYPE 1 DIABETES.**  
*SS Humphrey, AS Quinn, and ID Schwartz, Columbia, SC. University of South Carolina* Abstract 60
- 61 **MECHANISM(S) OF TNF- $\alpha$ -INDUCED INSULIN RESISTANCE: PROTEOMICS.**  
*J Shull, S Monnier, J Woo, G Majumdar, SS Solomon, and I Gerling, Memphis, TN. University of Tennessee, Center of Health Sciences (SAFMR/SSCI Student Research Award Winner)* Abstract 61
- 62 **INSULIN GROWTH FACTOR BINDING PROTEIN-3 (IGFBP-3) MEDIATES CYTOKINE-INDUCED APOPTOSIS IN MESANGIAL CELLS.**  
*TL Vasylyeva and R Ferry Jr., San Antonio, TX. The University of Texas Health Science Center at San Antonio (Aventis Endocrinology/Metabolism Scholar Award Winner)* Abstract 62
- 63 **THE FEASIBILITY OF CONTINUOUS SUBCUTANEOUS INSULIN INFUSION (CSII) THERAPY IN TYPE 1 DIABETIC CHILDREN AND ADOLESCENTS IN A PRIVATE PEDIATRIC ENDOCRINE PRACTICE.**  
*K Steijlen, TJ DeClue, T Lin, and B Gordon, Tampa, FL. University of South Florida (SSPR/APA Trainee Travel Award Winner)* Abstract 63
- 64 **CYCLIC VOMITING SYNDROME IN DIABETES MELLITUS-A SUBSET OF DIABETIC GASTROPARESIS.**  
*C Christensen, A Al-Juburi, and TL Abell, Jackson, MS and Little Rock, AR. University of Mississippi Medical Center (Aventis Endocrinology/Metabolism Scholar Award Winner)* Abstract 64
- 65 **CAROTID ULTRASONOGRAPHY AND MENTAL STRESS-INDUCED HEMODYNAMIC AND NEUROHORMONAL RESPONSES: POTENTIAL MARKERS OF METABOLIC SYNDROME.**  
*MR Morse, S Morse, EA Aguilar, J Liao, W Gabbard, G Butterbaugh, B Roques, M Rose, R Costa, and E Reisin, New Orleans, LA. Louisiana State University Health Sciences Center (Amgen Nephrology Scholar Award Winner)* Abstract 65
- 66 **LIPECTOMY OF OBESE AND LEAN ZUCKER RATS AND THE EFFECTS ON A MACRONUTRIENT DIET.**  
*AB Lee, JR Porter, and F Svec, Baton Rouge, LA and New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 66

## Gastroenterology and Clinical Nutrition

- 67 **PATIENTS WITH SYMPTOMS OF SEVERE GASTROPARESIS HAVE A HIGH INCIDENCE OF BOTH ACQUIRED AND CONGENITAL HYPERCOAGULABLE DISORDERS.**  
*K Blanchard, W Rock, R Schmieg, F Araghizadeh, K Borman, and TL Abell, Jackson, MS. University of Mississippi Medical Center (SAFMR/SSCI Trainee Award Winner)* Abstract 67
- 68 **AUTONOMIC FAILURE SECONDARY TO A VIRAL ILLNESS-A CASE REPORT.**  
*A Lobrano, K Blanchard, and TL Abell, Jackson, MS. University of Mississippi Medical Center (SAFMR/SSCI Trainee Award Winner)* Abstract 68
- 69 **DOSE RESPONSE STUDY OF POLYETHYLENE GLYCOL 3350 FOR FECAL DISIMPACTATION IN CHILDREN WITH CHRONIC CONSTIPATION.**  
*S Ali, W Ward, KD Crissinger, and DA Gremse, Mobile, AL. University of South Alabama* Abstract 69

- 70 EFFECT OF CLOSURE OF LOCAL LIVER TRANSPLANT PROGRAM ON NEW MEXICO PATIENTS ON WAITING LIST.**  
*ES Buchen and AM Harford, Albuquerque, NM. University of New Mexico (SAFMR/SSCI Student Research Award Winner)* Abstract 70
- 71 AMEBIASIS EPIDEMIOLOGY REVISITED.**  
*YA Abu Qwaider, EP Variyam, and MS Bronze, Lubbock, TX and Oklahoma City, OK. Texas Tech University* Abstract 71
- 72 MENETRIER'S DISEASE: A CASE PRESENTATION AND DISCUSSION.**  
*PJ Pai and MR English, New Orleans, LA. Children's Hospital, Louisiana State University* Abstract 72
- 73 EFFICACY OF INFLIXIMAB THERAPY IN PEDIATRIC PATIENTS WITH REFRACTORY CROHN'S DISEASE.**  
*ZI Fleming, DA Gremse, and KD Crissinger, Mobile, AL and Monroeville, AL. University of South Alabama* Abstract 73
- 74 SCREENING FOR IRON OVERLOAD IN AFRICAN AMERICANS.**  
*JG Wilson, M Azzouz, GK Sood, and JF Maher, Jackson, MS. University of Mississippi Medical Center* Abstract 74
- 75 FIRST DETAILED CHARACTERIZATION OF FUNCTIONAL DYSPEPSIA AMONG AFRICAN-AMERICANS.**  
*WC Wigington, WD Johnson, C Cosman, L James, O Gowdy, O Allen, D Edmonson, and M Petrini, Jackson, MS. The University of Mississippi Medical Center* Abstract 75
- 76 LUMEN-TO-SURFACE pH GRADIENT IN BARRETT'S ESOPHAGUS.**  
*SM Abdalnour-Nakhoul and RC Orlando, New Orleans, LA. Tulane Medical School* Abstract 76
- 77 A RETROSPECTIVE LOOK AT SYMPTOMS IN GASTROESOPHAGEAL REFLUX DISEASE (GERD) PATIENTS BEFORE AND AFTER NISSEN FUNDOPLICATION.**  
*DO Wiemers, M Moncure, R McCallum, and I Sarosiek, Kansas City, KS. University of Kansas* Abstract 77
- 78 CANDIDA ESOPHAGITIS IN INFANTS WITH GASTROESOPHAGEAL REFLUX AND FEEDING INTOLERANCE.**  
*AM Billings, CJ Billings, KD Crissinger, and DA Gremse, Mobile, AL. University of South Alabama* Abstract 78

#### Gerontology

- 79 DIAGNOSTIC USEFULNESS OF HOLTER MONITORING IN GERIATRIC PATIENTS OF A COMMUNITY HOSPITAL.**  
*AG Garg, U Patel, S Banuru, B Pasternak, H Weerackody, P Krishnan, and A Khanna, Brooklyn, NY. Coney Island Hospital* Abstract 79
- 80 COMPARISON OF URINARY TRACT INFECTIONS IN MEN AND WOMEN AGED 64 AND YOUNGER AND 65 AND OLDER.**  
*RF Harris, H Rothschild, SW Looney, and J Figueroa, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 80

#### Health Care Research

- 81 DOES WAIVER OF WRITTEN INFORMED CONSENT FROM INSTITUTIONAL REVIEW BOARD AFFECT RESPONSE RATES IN A SURVEY STUDY?**  
*AS Jannu, S Thomas, J Breault, P Muntner, and MA Krousel-Wood, Jefferson, LA and New Orleans, LA. Ochsner Clinic Foundation* Abstract 81

- 82 WARNING: PUBLIC HOSPITAL PATIENTS DON'T UNDERSTAND PRESCRIPTION WARNING LABELS!**  
S Savory, R Parker, PF Bass, TC Davis, CL Arnold, J McLarty, M Middlebrooks, CB Manning, and J Bocchini, Shreveport, LA and Atlanta, GA. *Louisiana State University Health Sciences Center at Shreveport (SAFMR/SSCI Student Research Award Winner)* Abstract 82
- 83 PSYCHOMETRIC EXAMINATION OF THE DAILY SPIRITUAL EXPERIENCES SCALE WITH A CONVENIENCE SAMPLE OF AFRICAN AMERICANS.**  
FV Loustalot, SB Wyatt, BJ Boss, WL May, and T McDyess, Jackson, MS. *University of Mississippi Medical Center* Abstract 83
- 84 TOO MANY SERVICES? UTILIZATION OF HEALTHCARE SERVICES FOR PATIENTS ATTENDING AN URBAN PEDIATRIC EMERGENCY ROOM.**  
MB Laurens, TD Moon, JA Levy, and SM Weimer, New Orleans, LA. *Tulane University School of Medicine* Abstract 84
- 85 PRO-OXIDANT ACTION OF ETHANOL ON TERT-BUTYL HYDROPEROXIDE KILLING OF LIVER CELLS.**  
D Daniel and PO Obih, New Orleans, LA. *Xavier University* Abstract 85
- 86 GENE EXPRESSION FOR SST2 AND KDR IN JOINT FLUID FROM PATIENTS WITH OSTEOARTHRITIS AND RHEUMATOID ARTHRITIS.**  
T Cockerham, SM Sondes, B Gebhardt, EA Woltering, and FH Siddiqui, New Orleans, LA. *Louisiana State University Health Sciences Center (SAFMR/SSCI Trainee Award Winner)* Abstract 86

### Hematology and Oncology

- 87 VARIABLE INTENSITY CONDITIONING WITH DURABLE ENGRAFTMENT AND LESS GRAFT VS HOST DISEASE.**  
J Files, CL Bigelow, S Elkins, and C Hardy, Jackson, MS. *University of Mississippi Medical Center* Abstract 87
- 88 SPONTANEOUS EPIDURAL HEMATOMA IN CHILDREN WITH SICKLE CELL DISEASE: CASE REPORT AND LITERATURE REVIEW.**  
CM Preissig, C Troup, B Sleight, and U Narsinghani, Duluth, GA and Macon, GA. *Medical Center of Central Georgia* Abstract 88
- 89 ACUTE NECROTIZING ENCEPHALITIS IN SICKLE CELL DISEASE - THE ASSOCIATION WITH MYCOPLASMA PNEUMONIAE INFECTION AND ACUTE CHEST SYNDROME.**  
KL Nelson, RP Warriar, and C Arcement, River Ridge, LA and New Orleans, LA. *Louisiana State University Health Sciences Center* Abstract 89
- 90 CASE REPORT: THROMBOTIC THROMBOCYTOPENIC PURPURA.**  
CS Snead and S Sallah, Shreveport, LA. *Louisiana State University Health Sciences Center* Abstract 90
- 91 MERKEL CELL CANCER IN A PATIENT WITH CHRONIC LYMPHOCYTIC LEUKEMIA TREATED WITH RITUXIMAB AND FLUDARABINE.**  
PV Ramshesh and J Sanmugarajah, Shreveport, LA and Brooklyn, NY. *Louisiana State University* Abstract 91
- 92 NOLATREXED PHASE IB CLINICAL TRIAL IN A DOSE INTENSIFICATION SCHEDULE IN ADVANCED CANCER PATIENTS.**  
C Schloss, LB Anthony, M Cronin, and F Oldham, New Orleans, LA. *Louisiana State University Health Sciences Center* Abstract 92
- 93 SKI AND SNO ONCOGENE EXPRESSION IN RHABDOMYOSARCOMA.**  
KE Chino, J Hanrahan, T Howard, B Reinert, and DG Bear, Albuquerque, NM. *University of New Mexico* Abstract 93

- 94 INCIDENCE OF CONGENITAL ANOMALIES IN CHILDREN WITH WILMS' TUMOR.**  
*L Le, RV Gardner, M Dave, H Correa, and RP Warriar, New Orleans, LA. Louisiana State University Health Sciences Center* Abstract 94
- 95 SECRETION OF BETA HUMAN CHORIONIC GONADOTROPIN (hCG) BY SQUAMOUS CELL CARCINOMA (SCC) LUNG IN A YOUNG FEMALE SMOKER.**  
*PV Ramshesh, Shreveport, LA. Louisiana State University* Abstract 95
- 96 THE IMPLICATIONS OF SURGICAL CURE OF METASTATIC SMALL CELL LUNG CARCINOMA.**  
*MR Moore and RB Williams, Shreveport, LA. Louisiana State University, Shreveport* Abstract 96
- HIV/AIDS and Infectious Disease**
- 97 ENDOPHTHALMITIS CAUSED BY CLOSTRIDIUM SPECIES OTHER THAN PERFRINGENS.**  
*JC Bradley, JC Sarria, RC Kimbrough, AM Vidal, and DL McCartney, Lubbock, TX. Texas Tech Health Sciences Center (SAFMR/SSCI Trainee Award Winner)* Abstract 97
- 98 A SURVEY OF BONE AND JOINT INFECTIONS OCCURRING IN SICKLE CELL HEMOGLOBINOPATHIES.**  
*MJ Burton and RL Nolan, Jackson, MS. University of Mississippi School of Medicine (SAFMR/SSCI Trainee Award Winner)* Abstract 98
- 99 COMBINED POSITRON EMISSION TOMOGRAPHY AND COMPUTERIZED TOMOGRAPHY (PET CT SCAN) AS AN AID IN THE DIAGNOSIS OF INVASIVE INFECTION IN A PATIENT WITH CHRONIC GRANULOMATOUS DISEASE.**  
*S Ali, MS Figarola, MY Mancao, and B Estrada, Mobile, AL. University of South Alabama* Abstract 99
- 100 HEPATITIS B SURFACE ANTIBODY RESPONSES FOLLOWING REVACCINATION OF PREVIOUS NON-RESPONDERS TO HEPATITIS B VACCINES.**  
*G Ramsey, DE Herbert, TM Aikens, S Bradley, K Shumaker, P Wilson, and KM Ramsey, Mobile, AL. University of South Alabama (SAFMR/SSCI Student Research Award Winner)* Abstract 100
- Medical Education and Medical Ethics**
- 101 INITIAL EVALUATION OF BEDSIDE TEACHING WITH MEDICAL STUDENTS USING HIGH FIDELITY HUMAN PATIENT SIMULATION.**  
*V Kozmenko, SW Chauvin, T Yang, K DeLanzac, R DiCarlo, and C Hilton, New Orleans, LA. Louisiana State University School of Medicine* Abstract 101
- Perinatal Medicine**
- 102 SURFACTANT ADMINISTRATION ACUTELY AFFECTS CEREBRAL HEMODYNAMICS IN VERY LOW BIRTH WEIGHT INFANTS.**  
*JR Kaiser, CH Gauss, and DK Williams, Little Rock, AR. University of Arkansas for Medical Sciences* Abstract 102
- 103 PREDICTING PACKED RED BLOOD CELL TRANSFUSION NEEDS IN VERY LOW BIRTH WEIGHT INFANTS.**  
*JG Fabres, G Wehrli, MB Marques, RA Dimmitt, RL Schelonka, and VA Phillips, Birmingham, AL. University of Alabama at Birmingham (SSPR/APA Trainee Travel Award Winner)* Abstract 103
- 104 VERY LOW BIRTH WEIGHT INFANTS' SHORT TERM OUTCOME AFTER HIGH-FREQUENCY OSCILLATORY VENTILATION.**  
*SY Arce and J Rivera, Aguadilla and San Juan, Puerto Rico. University of Puerto Rico-School of Medicine* Abstract 104

- 105 GROWTH CURVES IN VERY LOW BIRTH WEIGHT INFANTS BORN IN PUERTO RICO.**  
*MA Molinari, IE Garcia, L Garcia, and M Valcarcel, Guaynabo and San Juan, Puerto Rico. University of Puerto Rico School of Medicine* Abstract 105
- 106 INCIDENCE OF INTRAUTERINE GROWTH RETARDATION INFLUENCED BY +/- PRESENCE OF PREGNANCY INDUCED HYPERTENSION [PIH].**  
*BW Bonta, JL York, and WM DeVoe, Johnson City, TN. East Tennessee State University* Abstract 106
- 107 EXAGGERATED LEUKEMOID REACTION IN AN EXTREME LOW BIRTH WEIGHT INFANT.**  
*MA Molinari, L Garcia, JA Rivera, M Valcarcel, PJ Santiago, and D Sanabria, Guaynabo and San Juan, Puerto Rico. University of Puerto Rico School of Medicine* Abstract 107
- Pulmonary and Critical Care Medicine**
- 108 DEEP SEDATION WITH PROPOFOL IN PEDIATRIC PATIENTS UNDERGOING INVASIVE PROCEDURES.**  
*BE Callans and MK Winkler, Birmingham, AL. University of Alabama at Birmingham* Abstract 108
- 109 TO DETERMINE SAFETY AND EFICACY OF PEDIATRIC PROCEDURAL SEDATION AND ANALGESIA PERFORMED IN A CHILDREN'S HOSPITAL.**  
*CM Preissig, U Narsinghani, S Williams, N Ternate, R Vogel, and L Clark, Duluth, GA and Macon, GA. Medical Center of Central Georgia* Abstract 109
- 110 FATAL HYPERMAGNESEMIA DUE TO AN EPSOM SALT ENEMA.**  
*NM Tofil, KW Benner, and MK Winkler, Birmingham, AL. University of Alabama at Birmingham* Abstract 110
- Renal, Electrolyte, and Hypertension**
- 111 MEDIAL ARTERY CALCIFICATION MIMICKING TEMPORAL ARTERITIS IN AN END-STAGE RENAL DISEASE (ESRD) PATIENT.**  
*A Al-Absi and BM Wall, Memphis, TN. University of Tennessee Health Science Center* Abstract 111
- 112 MODERN NEPHROLOGY: "ONE-STOP-SHOP" APPROACH.**  
*TJ Vachharajani and NK Atray, Shreveport, LA. Louisiana State University Health Sciences Center - Shreveport* Abstract 112
- 113 CELIAC SPRUE AND RENAL CELL CARCINOMA: A UNIQUE ASSOCIATION.**  
*M Qadri, NK Atray, and TJ Vachharajani, Shreveport, LA. Louisiana State University Health Sciences Center (SAFMR/SSCI Young Faculty Award Winner)* Abstract 113
- 114 REDUCED EXPRESSION OF 8-OXOGUANINE-DNA GLYSOSYLASE IN THE EKER RAT TREATED WITH TGHQ.**  
*SL Habib, TJ Monks, and SS Lau, San Antonio, TX and Austin, TX. The University of Texas Health Science Center* Abstract 114
- 115 TREATMENT OF GANCICLOVIR RESISTANT CYTOMEGALOVIRUS INFECTION WITH FOSCARNET IN A KIDNEY-PANCREAS TRANSPLANT PATIENT.**  
*F Zaman, S Chandupatla, L Zsom, KD Abreo, and ZB Zibari, Shreveport, LA. Louisiana State University Health Sciences Center* Abstract 115
- 116 ANEMIA CLNIC: ACHIEVING CONTROL OF ANEMIA ASSOCIATED WITH CHRONIC KIDNEY DISEASE.**  
*JT Robey, CA Gadegbeku, RL Sturdivant, L Uber, DH Brooks, and J Barnes, Charleston, SC. Medical University of South Carolina (Amgen Nephrology Scholar Award Winner)* Abstract 116
- 117 PAR-2 RECEPTORS STIMULATE SODIUM TRANSPORT IN COLLECTING DUCT CELLS.**  
*KS Hering-Smith, MC Carmichael, FR Schiro, and LL Hamm, New Orleans, LA. Tulane University Health Sciences Center (SAFMR/SSCI Student Research Award Winner)* Abstract 117