



PRELIMINARY PROCEEDINGS

WRIGHT STATE UNIVERSITY
BOONSHOFT SCHOOL OF MEDICINE

FIRST ANNUAL RESEARCH SYMPOSIUM

April 6, 2022

4:30 – 7:00 p.m.

Student Union: Apollo,
Atlantis, and Endeavor Rooms



Program

4:00 p.m.

Poster Setup &
Registration

4:30 p.m.

Dr. Valerie Weber
Welcome

4:40 p.m.

Student Grant
Awardees

5:05 p.m.

Faculty Research
Talks

6:15 p.m.

Poster Session &
Refreshments

Featured Student Research Talks

Christopher Dupont, B.A., MS3

Understanding Muscle Weakness in Hyperkalemic Periodic Paralysis

Chris Dupont is a third medical student at the Boonshoft School of Medicine. Chris grew up in Quebec, a French-speaking province of Canada, and later moved to Europe to pursue a professional soccer career. Throughout his soccer career, he suffered from many muscle injuries which led to his interest in studying muscle physiology. As a physics undergraduate at Wright State University, he started doing research in Dr. Mark Rich's lab, where he applied his physics degree to study the electrical properties of diseased skeletal muscle. After a few months in Dr. Rich's lab, he quickly realized the power of medical research. It inspired him to pursue a career as a physician-scientist with the goals of helping others and engaging in breakthrough discoveries.

Scout Bowman-Gibson, B.S., MS2/G1

Isolation and Application of Extracellular Vesicles

Scout Bowman-Gibson is an MD-PhD student in her first year of graduate study with the Biomedical Sciences PhD program at Wright State University. Scout is originally from Cincinnati, Ohio and attended Ohio State University for undergraduate studies. While in her first year of medical school at Boonshoft School of Medicine, she began conducting research in Dr. Thomas L. Brown's lab. Scout's interests in disease pathophysiology and diagnostic technology has led her to continue her education and development as a physician-scientist.

Featured Student Research Talks

Tonia Rhone, M.S., MS3

Patient-Centered Focus Groups as a Catalyst for Anti-Racism Research and Quality Improvement in an Urban Academic OB/GYN Clinic

Tonia Rhone is a third-year MD student at Wright State University Boonshoft School of Medicine. She was born and raised in Edmond, OK. Tonia attended Baylor University in Waco, Texas and earned her BS.Ed in Health Science Studies. Choosing a non-traditional path to medicine, she attended Case Western Reserve University in Cleveland, Ohio and earned a master's degree in Medical Physiology before applying to medical school in 2019. Tonia spent her gap years also working as a Clinical Research Coordinator and Assistant at the Harrington Heart & Vascular Institute at University Hospitals in Cleveland, OH. Her role in research focused on evaluating novel multidisciplinary care interventions and barriers to implementation in interventional cardiology. This experience further ignited a passion for combating racially disparate outcomes in medicine, with a specific interest in improving existing institutional practices and developing new interventions. Recognizing the need for this work in maternal healthcare and as an aspiring OBGYN, Tonia is committed to being at the forefront of advocacy and translational research in the field. Tonia also currently serves as a part of the Black Maternal Health Leadership Team at Tufts University School of Medicine, led by her mentor Dr. Ndidi Amutah-Onukagha.

Featured Faculty Research Talks

Timothy Crawford, Ph.D., M.P.H.

Exploring the Impact of Discrimination and HIV-related Stigma on Engagement in HIV Care: Findings from a Pilot Study among Older African Americans Living with HIV

Dr. Timothy N. Crawford is an epidemiologist and biostatistician in the departments of population and public health sciences and family medicine. His research focuses on the intersection of HIV, race, and age. He is specifically interested in understanding how HIV-related stigma, racism, sexism, ageism, and heterosexism intersect to affect HIV care outcomes among older African Americans living with HIV.

Jason Miner, M.D.

Defining Mild Traumatic Brain Injury: Making the Leap from Research Definition to Clinical Practice

Jason Miner MD, Major USAF is a trauma and acute care surgeon for the United States Air Force with an imbedded faculty position at Wright State University and Miami Valley Hospital, a Level I trauma center in Dayton, OH. He was born in Tulsa, OK and received his undergraduate degree in Biomedical Zoology from the University of Oklahoma prior to matriculating to medical school at the University of Oklahoma College of Medicine. Dr. Miner completed his residency in General Surgery at Wright State University in Dayton, as well as, a two year fellowship in Surgical Critical Care and Acute Care Surgery. He enlisted in the United States Air Force in 2005, and served as an intelligence analyst for the 135th Fighter Wing of the Oklahoma Air National Guard prior to his medical training. In this capacity, he deployed in service of Operation Iraqi Freedom in 2008. Upon entering medical school, he transitioned to active duty where he continues to serve, and recently completed a deployment to Niger, Africa as a part of a six person forward surgical team supporting the Army Special Forces. Dr. Miner is a member of the American Medical Association, the American College of Surgeons, the Excelsior Surgical Society, and became an Associate member of the American Association for the Surgery of Trauma in the inaugural class of 2019.

Featured Faculty Research Talks

Sydney Silverstein, Ph.D. & Danielle Gainer, M.D.

Rethinking Trauma-Informed Care: How Qualitative Research Can Inform Clinical Practice

Dr. Sydney Silverstein is an Assistant Professor at the Center for Interventions, Treatment, and Addictions Research (CITAR) and the Department of Population & Public Health Sciences. Trained as an anthropologist, she has conducted mixed-methods research on illicit drugs and drug use for over eight years, in both Peru and the United States. She has published numerous qualitative studies analyzing the experiences of people who use drugs, their attempts at self-treatment and self-management of their substance use, and their attempts at recovery. She has also developed innovative ways to use participatory visual methods, such as photography and film, in her research. Currently, she is a Co-PI on several studies, including a mixed-methods study of methamphetamine use, a mixed-methods study of the utility and efficacy of Ohio's 911 Good Samaritan Law and a study, along with Dr. Gainer, examining the experiences of people who have survived a recent, non-fatal overdose. She is also a member of the Community Overdose Action Team (COAT) through PHDMC.

Dr. Gainer is an Assistant Professor and Director of the Research Division in the WSU Department of Psychiatry, and an affiliate of the Center for Interventions, Treatment, and Addictions Research. She is Board Certified in Psychiatry and Addiction Medicine and actively practices medicine in multiple settings around the Dayton area. She has conducted research projects related to opioid use disorder focusing on psychiatric co-morbidities in OUD and factors related to SUD treatment retention. She is currently a Co-PI on a study examining people's experience of non-fatal overdose and subsequent care trajectories.

Kwang-Jin Cho, Ph.D.

K-Ras plasma membrane interactions: a tractable therapeutic target

Dr. Kwang-jin Cho completed his Ph.D. in Molecular Cell Biology at the University of Queensland, Australia in 2009. He then moved to the University of Texas Health Science Center at Houston, Texas for his postdoctoral fellowship. In October, 2016, he joined the Department of Biochemistry and Molecular Biology at Wright State University.

Poster Session & Reception

Student Union Apollo Room
6:15 – 7:00 p.m.

On the following pages you will find information regarding the poster presentations for this evening's symposium. The poster number corresponds to the location of the poster. All departments are associated with Wright State University or the Boonshoft School of Medicine unless otherwise noted.

Poster: 1

Keavash Assani

The Effect of the COVID-19 Pandemic on the Stage of Presentation of Common Cancers at a Community Hospital

Walk CT, Katchen S, Assani K, Tuttle R

Mentor: *Priti Parikh, Ph.D.*

Department: *Surgery*

Poster: 2

Molly Balcer

The Role of Complement in the Pathogenesis of Myasthenia Gravis and Neuromyelitis Optica

Balcer M, Eicher T, Deardorff A

Mentors: *Tracy J Eicher, M.D. and Adam Deardorff, M.D., Ph.D.*

Department: *Neurology*

Poster: 3

Jesse Cannella

Providing Gender-Affirming Care for Transgender Patients

Cannella J, Bhatt N, Gentile J

Mentor: *Nita Bhatt, M.D., M.P.H.*

Department: *Psychiatry*

Poster: 4

Maria Rehtin

False Negative: a case report on disseminated histoplasmosis in the setting of a negative urine antigen test

Rehtin M, McCoy L

Mentor: *Luke McCoy, M.D.*

Department: *Internal Medicine*

Poster: 5

Kelly Spiller and Olatunde Bashorun

The Last Resort: Proximal-Based Sural Artery Cross Leg Flap with Long Term Follow-Up, A Case Report

O'Gara RW, Bashorun OH, Spiller KE, Anderson SR, Venkatarayappa I, Johnson RM

Mentor: *R. Michael Johnson, M.D.*

Department: *Orthopedic and Plastic Surgery*

Poster: 6

Caroline Wong, Sarah Yu, and Monica George

A Clinically Isolated Syndrome of Cranial Nerve III Palsy

Goenka A, Wong C, Yu S, George M

Mentor: *Ajay Goenka, M.D.*

Department: *Neurology*

Poster: 7

Sarah Yu and Trang Nguyen

Management of a Mangled Thumb and Index Finger: Pearls for a Successful Outcome

Anderson S, Yu S, Nguyen T, Wimalawansa S

Mentors: *Sunishka Wimalawansa, M.D., MBA and Spencer Anderson, M.D.*

Department: *Plastic Surgery*

Poster: 8

Sarah Yu and Monica George

Hashimoto Encephalopathy: Assessing the markers for recurrence in the pediatric population

Goenka A, George M, Yu S

Mentor: *Ajay Goenka, M.D.*

Department: *Neurology*

Poster: 9

Maria Anderson

Examining Opioid Prescribing Differences Among Male and Female Clinicians Pre and Post PRESTO Training

Anderson M, Bricker D, Crawford T, Castle A, Hershberger P

Mentors: *Paul Hershberger, Ph.D. and Angie Castle, M.A.*

Department: *Family Medicine*

Poster: 10

Maneesh Chidambaram

**Intra-anal Botulinum Toxin Injection And Dilation:
Outcomes For Children And Adolescents With
Constipation**

Chidambaram M, Kemme S, El-Chammas K, Fei L,
Kaul A, Mathur M, Singh A, Sun Q, Liu C, Santucci N

Mentor: *Neha Santucci, M.D.*

Department: *Gastroenterology*

Poster: 11

Timothy Frommeyer

**Assessment of Patient Perceptions of Technology
and the Use of Machine-Based Learning in a Clinical
Encounter**

Frommeyer TC, Nallanagulagari T, Johnson J, Bett ES

Mentor: *Ean Bett, M.D.*

Department: *Grant Family Medicine Residency & Ohio
University, Heritage College of Osteopathic Medicine*

Poster: 12

Tanner Hudson

**Epidemiology of Patellar Dislocations in the United
States: A 20-Year Analysis**

Hudson TL, Lyons JG

Mentor: *Joseph Lyons, M.D.*

Department: *Orthopaedic Surgery*

Poster: 13

Tanner Hudson

**Retrospective Analysis of Opioid Prescription
Patterns Following Anterior Cruciate Ligament
Reconstruction in a Pediatric Population**

Hudson TL, Huff SW, Henningsen JD, Erb E, Froehle
AW, Albert MC

Mentor: *Scott Huff, M.D.*

Department: *Orthopaedic Surgery*

Poster: 14

John Karanja Kamau

**Cardiomyopathy characterization of the mdx: lipin1
transgenic mice model**

Kamau JK, Hongmei R

Mentor: *Hongmei Ren, Ph.D.*

Department: *Biochemistry and Molecular Biology*

Poster: 15

Hayden Jaworski

**The Role of the Microbiota-Gut-Brain Axis and
Antibiotics in ALS and Neurodegenerative Diseases**

Obenovich M, Jaworski H, Tadimalla T, Mistry A,
Sykes L, Perry G, Bonomo RA

Mentor: *Mark E. Obrenovich, Ph.D., M.Sc.*

Department: *Pathology and Chemistry Case
Western Reserve University and Louis Stoke
Veterans Association Medical Center*

Poster: 16

Emma Newman

**Accuracy and Sensitivity of FAST Examinations in
Obese Geriatric Trauma Patients**

Repas SJ, Newman E, Scarbro MJ, Pröschel SM,
Santanello S, Siebenburgen C

Mentor: *Christa Siebenburgen, M.D.*

Department: *Kettering Medical Center Acute Care
Surgery*

Poster: 17

Logan Nye

**Weight-Bearing Radiographs are Associated with
Higher Grading of Knee Osteoarthritis Compared to
Supine Position in a Blinded, Radiographic
Assessment**

Brueggeman DA, Via GG, Nye L, Froehle A, Lawless
M, Krishnamurthy A

Mentor: *Anil Krishnamurthy, MBBS*

Department: *Orthopaedic Surgery*

Poster: 18

Betsy Gauthier

**The effects of preterm birth, adverse birth
outcomes, and BMI in biracial babies**

Gauthier B, Hawkins AM, Maxwell RA

Mentor: *Rose A. Maxwell, Ph.D., MBA*

Department: *Obstetrics and Gynecology*

Poster: 19

Courtney Payne

Examination of Breastfeeding Retention during the First 6 Months of Life, A Local Retrospective Study

Payne CA, Maxwell RA

Mentor: *Rose A. Maxwell, Ph.D., MBA*

Department: *Obstetrics and Gynecology*

Poster: 20

Brandon Piyevsky

Evaluating the Readability of Online Testosterone Resources

Callegari M, Piyevsky B, Pei E, Pominville R, Prunty M, Jesse E, Loeb A, Abou-Ghayda R, Thirumavalavan N

Mentor: *Michael Callegari, M.D.*

Department: *Urology*

Poster: 21

Brandon Piyevsky

Impact and Implications of the COVID-19 pandemic on Urologic Training

Maclean J, Piyevsky B, Tay K, Rhodes S, Prunty M, Jesse E, Abou-Ghayda R, Zell M, Callegari M

Mentor: *Michael Callegari, M.D.*

Department: *Urology*

Poster: 22

Brandon Piyevsky

Readability Assessment of Online Men's Health Education Materials from the Sexual Medicine Society of North America, Urology Care Foundation, and European Association of Urology

Callegari M, Zhou C, Piyevsky B, Edwins R, Jesse E, Prunty M, Loeb A, Thirumavalavan N, Abou-Ghayda R

Mentor: *Michael Callegari, M.D.*

Department: *Urology*

Poster: 23

Brandon Piyevsky

Urologic Practice Consolidation: A Cross Sectional Analysis from 2014 to 2021

Piyevsky B, Cwalina T, Callegari M, Drozd A, Jesse E, Prunty M, Alfahmy A, Zell M, Jankowski

Mentor: *Christa Siebenburgen, M.D.*

Department: *Urology*

Poster: 24

Nanditha Ravichandran

Could the Stress Index Be Useful in Early Recognition of Adverse Physiological Changes in Elderly Trauma?

Ravichandran N, Chaudry S, Ogbudinkpa C, Ekeh A, Walusimbi M

Mentor: *Mbaga Walusimbi, M.D.*

Department: *Surgery*

Poster: 25

Vijay Rings and Ali Zia

Outcomes of Traditional Upper Airway Surgery and Upper Airway Stimulation in Morbidly Obese Patients

Gao TZ, Gibbs H, Zia A, Rings V, Koch B, Chio EG

Mentor: *Eugene G. Chio, M.D.*

Department: *Otolaryngology*

Poster: 26

Cory Roeth

Prevalence of Gunshot Wounds to the Head in Civilian Trauma and Factors Associated with Mortality: A 15-Year Experience

Roeth C, Parikh P, Hardman C, Ekeh AP

Mentor: *Priti Parikh, Ph.D.*

Department: *Surgery*

Poster: 27

Parvaneh Shadkam-Farrokh and Kunal Gupta

A Student-Led QI Initiative to Increase Resident Referrals for Diabetes Self Management Education (DSME) in a Federally Qualified Health Center

Shadkam-Farrokh P, Gupta K, Righter E

Mentor: *Elisabeth Righter, M.D.*

Department: *Family Medicine*

Poster: 28

Michelle Adamczyk

Medical Student Confidence vs Exam Performance throughout Pre-Clinical Education

Adamczyk M, Silva AMS

Mentor: *Dean Parmelee, M.D.*

Department: *Medical Education*

Poster: 29

Elisabeth Adkins

Family Medicine Physicians and Patients with Developmental Disabilities

Adkins E, Payne A, Hershberger PJ, Crawford TN

Mentor: *Paul Hershberger, Ph.D.*

Department: *Family Medicine*

Poster: 30

Alex Gilman

Innovative surgical workshops targeting undergraduate, premedical, and medical students

Gilman A, Kraszpulska B

Mentors: *Barbara Kraszpulska, Ph.D. and Robert Lober, M.D., Ph.D.*

Department: *Department of Anatomy Boonshoft School of Medicine & Department of Neurosurgery Dayton Children's Hospital*

Poster: 31

Stephanie Hearne

4th-Year-Student-Led Community Resources Clerkship Module Addressing Social Determinants of Health

Hearne SR, Kindig M

Mentor: *Marilyn Kindig, D.O.*

Department: *Obstetrics and Gynecology*

Poster: 32

Ericson John Torralba

Integration of Abdominal Imaging into a Gross Anatomy Medical School Curriculum

Torralba EJ, Kunzelman J, Silva AM, Parmelee D, Silva AC

Mentors: *Dean Parmelee, M.D. and Alvin Silva, M.D.*

Department: *Medical Education*

Poster: 33

Ericson John Torralba

Non-Invasive Medical Imaging of Thermal Burn Injuries Utilizing 94GHz Millimeter Wave Reflectometer

Torralba EJ, Zhang W, Travers JB, Brown E

Mentors: *Elliott Brown, Ph.D. and Jeffrey Bryant Travers, M.D., Ph.D.*

Department: *Pharmacology and Toxicology & Physics and Electrical Engineering*

Poster: 34

Colette Beard, Natalie Castillo, Monica George, Josef Rivera, and Estelle Viaud-Murat
Integrating COVID-19 Virus and Vaccine Education into new Refugee Onboarding at a Global Health Clinic: a Public Health Intervention

Beard CA, Castillo N, George M, Rivera J, Viaud-Murat E, Moneke C, Hershberger P, Crawford TN, Conway K

Mentor: *Katharine Conway, M.D., M.P.H.*

Department: *Family Medicine*

Poster: 35

Josef Rivera

'They can't get to the root of the hurt': A qualitative study of adverse experiences in the narratives of people with opioid use disorder

Rivera J, Silverstein S, Gainer D, Daniulaityte R

Mentors: *Sydney Silverstein, Ph.D.; Danielle Gainer, M.D. and Raminta Daniulaityte, Ph.D.*

Department: *Boonshoft School of Medicine & College of Health Solutions, Arizona State University*

Poster: 36

Natalie Castillo, Monica George, Estelle Viaud-Murat, Colette Beard, and Josef Rivera

Unseen Barriers and Opportunities for Public Health Intervention observed in Secondary English Speakers during the SARS-CoV-2 Pandemic, with emphasis on the Hispanic/Latino population

Castillo N, George M, Viaud-Murat E, Beard C, Rivera J, Moneke C, Hershberger P, Conway K, Crawford TN

Mentor: *Katharine Conway, M.D., M.P.H.*

Department: *Family Medicine*

Poster: 37

Monica George and Estelle Viaud-Murat

Language Proficiency Influences Disease Prevention Behaviors: Patterns Observed in the Influenza and COVID-19 Vaccines

George M, Viaud-Murat E, Moneke C, Repas SJ, Evola CM, Dickman J, Hershberger P, Conway K, Crawford TN

Mentor: *Katharine Conway, M.D., M.P.H.*

Department: *Family Medicine*

Poster: 38

Estelle Viaud-Murat

We See Things Differently: Comparing and Contrasting the Perceptions of Local Staff and Visiting Healthcare Workers During Global Health Rotations

Viaud-Murat E, Mulenga M, Parikh P, Wren S

Mentor: *Priti Parikh, Ph.D.*

Department: *General Surgery*

Poster: 39

Morgan Cooley

Quality Improvement: Patient Education for Management of Hypertension in Pregnancy

Goel K, Maxwell R, Cooley M, Yaklic J, Rackett T

Mentor: *Rose A. Maxwell, Ph.D., MBA*

Department: *Obstetrics and Gynecology*

Poster: 40

Tiffani Spaulding, Tamiel Murray, and Katherine Wilcher

HIV-related Stigma, Experiences of Discrimination, and HIV Care Outcomes among Older African Americans Living with HIV in Ohio

Crawford TN, Silverstein SM, Cheribin D, Murray T, Spaulding T, Rivera J, Wilcher K

Mentors: Timothy Crawford, Ph.D., M.P.H. and Sydney Silverstein, Ph.D.

Department: *Population and Public Health Sciences & Family Medicine*

Poster: 41

Whitney Jenkins

Motivations for Using Methamphetamine in Dayton, Ohio a Mixed Methods Study

Jenkins WN, Silverstein SM, Daniulaityte R

Mentor: *Sydney Silverstein, Ph.D.*

Department: *Population and Public Health Sciences*

Poster: 42

Catherine Evers Smith

Impact of Social Determinants of Health on Infant Mortality

Evers Smith CM, Todd A

Mentor: *Amber Todd, Ph.D.*

Department: *Medical Education*

Poster: 43

Brenna Lammers

The Relationship between Upstream Variables and Diabetes in Ohio

Lammers B

Mentors: *Jeannette Manger, Ph.D. and Amber Todd, Ph.D.*

Department: *Medical Education*

Poster: 44

Judith Mathess and Maria Labello

Patient Satisfaction With Perinatal Telehealth Visits During the COVID-19 Pandemic

Kindig M, Maxwell R, Stump H, Mathess J, Labello M, Perrin J, Stahl W

Mentor: *Marilyn Kindig, D.O.*

Department: *Obstetrics and Gynecology*

Poster: 45

Anh Nguyen and Grace Owens

Prevalence of firearm ownership in Wright State Physicians patients and attitude toward firearm safety screening

Nguyen AP, Owens GE, Conway KM, Hershberger PJ, Crawford TN

Mentors: *Katharine Conway, M.D., M.P.H., and Paul Hershberger, Ph.D.*

Department: *Family Medicine*

Poster: 46

Temitope Omoladun

Disparities in Health Care Utilization and the Effect of Family Resilience and Neighborhood Support

Omoladun T, Vish N

Mentor: *Nora Vish, M.D.*

Department: *Dayton Children's Hospital*

Poster: 47

Brooklynne Dilley and Samantha Roberts

Childhood Underinsurance During the Covid-19 Pandemic

Dilley BA, Roberts SA, Stolfi A, Eberhart G, Pascoe JM

Mentor: *John Pascoe, M.D., M.P.H.*

Department: *Pediatrics*

Poster: 48

Samantha Roberts and Brooklynne Dilley

Children and COVID-19: A Primary Care Perspective

Roberts SA, Dilley BA, Stolfi A, Eberhart G, Pascoe J

Mentor: *John Pascoe, M.D., M.P.H.*

Department: *Pediatrics*

Poster: 49

Ibrahim Alkhomsy and Brooklyn Morris

Generating heart specific lipin-1 deficient mouse model

Alkhomsy I, Morris B, Ren H

Mentor: *Hongmei Ren, Ph.D.*

Department: *Biochemistry and Molecular Biology*

Poster: 50

Abdullah Alshudukhi

Lipin1 ameliorates dystrophic phenotypes in mdx mice via enhancing membrane integrity

Alshudukhi A, Jama A, Voss A, Ren H

Mentor: *Hongmei Ren, Ph.D.*

Department: *Biochemistry and Molecular Biology*

Poster: 51

Mashaal Alyahya

Replication Stress Induced by the Ribonucleotide Reductase Inhibitors Guanazole, Triapine, and Gemcitabine in Schizosaccharomyces Pombe

Alyahya MY, Khan S, Bhadra S, Samuel RE, Xu YJ

Mentor: *Yong-jie Xu, M.D., Ph.D.*

Department: *Pharmacology and Toxicology*

Poster: 52

Sankhadip Bhadra

Role of TTT complex in regulating DNA replication checkpoint in fission yeast

Bhadra S, Khan S, Alyahya MY, Singh A, Xu YJ

Mentor: *Yong-jie Xu, M.D., Ph.D.*

Department: *Pharmacology and Toxicology*

Poster: 53

Scout Bowman-Gibson and Bryce Linkous

Placental-specific transcriptomics of preeclamptic pregnancies with increased adiposity

Bowman-Gibson S, Linkous B, Chandiramani C, Adkins E, Desouza J, Rackett T, Nolan K, Stone E, Maxwell R, Dhanraj D, Brown TL

Mentor: *Thomas L. Brown, Ph.D.*

Department: *Neuroscience, Cell Biology and Physiology & Obstetrics and Gynecology*

Poster: 54

Alexandra Brown

Effects of Lipin1 Deficiency and Overexpression in the Dystrophic Diaphragm

Brown AS, Rakoczy RJ, Wyatt CN, Ren H

Mentor: *Hongmei Ren, Ph.D.*

Department: *Biochemistry and Molecular Biology*

Poster: 55

Reid Fursmidt

Evaluating the in vitro efficacy of bovine lactoferrin products against SARS-CoV-2 variants of concern

Wotring JW, Fursmidt R, Ward L, Sexton JZ

Mentor: *Jonathan Sexton, Ph.D.*

Department: *Medicinal Chemistry*

Poster: 56

Abdulrahman Jama

The Role of Lipin1 in Skeletal Muscle of MDX mice

Jama A, Alshudukhi A, Voss A, Ren H

Mentor: *Hongmei Ren, Ph.D.*

Department: *Biochemistry and Molecular Biology*

Poster: 57

Shaina Ailawadi and Raghav Talreja

Titanium dioxide and zinc oxide nanoparticles in sunscreens: impact on cytokine expression in human skin post-UVB exposure

Ailawadi S, Talreja R, Pastingel N, Sulentic C

Mentor: *Courtney Sulentic, Ph.D.*

Department: *Pharmacology and Toxicology*

Acknowledgements

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Thank you to BSOM MedOps, Collin Vinson and the Academic Medicine Interest Group for their support during the day of the symposium.



GO HANDS-FREE!

Use the QR code above to view
our virtual event program.
