

FERRIS STATE UNIVERSITY

COLLEGE OF PHARMACY

Interoffice Memorandum
College of Pharmacy
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TO: All College of Pharmacy and FSU Community Members and Alumni
FROM: Thomas Dowling, Assistant Dean, Research and Professional Development
DATE: October 21, 2023
RE: FY23 College of Pharmacy Scholarly Activity Report (July 1, 2022 - June 30, 2023)

1.0 GRANT AND CONTRACT AWARDS

PHARMACY PRACTICE DEPARTMENT

Faculty	Sponsor and Award Details
Elder, Jodie Sexton, Scott	Michigan-Metro Health Integrated Network Project Title: <i>Comprehensive Medication Management</i> Total Award: \$40,000
Klepser, Michael	Michigan Department of Health and Human Services Project Title: <i>Medication Therapy Management</i> Total Award: \$34,602
Kelsh, Shelby; Sahr, Michelle; Axford, Katie	Truth Initiative Project Title: <i>Ferris State Tobacco/Vape-Free Campus Campaign</i> Total Award: \$18,640

2.0 PUBLICATIONS

Amissah, Felix

Poku, R. A., Amissah, F., Alan, J. K. (2023). PI3K functions downstream of CDC-42 to drive cancer phenotypes in melanoma cell lines. *Small GTPase*.

Bayles, C. E., Hale, D. E., Konieczny, A. M., Anderson, V. D., Richardson, C. R., Brown, K. V., Nguyen, J. T., Hecht, J., Schwartz, N., Kharel, M. K., Amissah, F., Dowling, T. C., Nybo, E. (2022). Upcycling the anthracyclines: new mechanisms of action, toxicology, and pharmacology. *Toxicology and Applied Pharmacology*.

Asong, G., Voshavar, C., Amisshah, F., Bricker, B., Lamango, N., Ablordeppey, S. (2022). An evaluation of the anticancer properties of SYA014, a Homopiperazine-Oxime analog of haloperidol in Triple Negative Breast Cancer Cells. *Cancers*, 14(24).

Feild, C., Amisshah, F., Poku, R. (2022). Chapter 5 Cholinergic Antagonists. *Lippincott Illustrated Reviews: Pharmacology 8th edition*. Wolters Kluwer.

Poku, R., Amisshah, F. (2022). Chapter 4 Cholinergic Agonists. *Lippincott Illustrated Reviews: Pharmacology 8th edition*. Wolters Kluwer.

Vilme, H., Duke, N. N., Dokurugu, Y., Akin-Odanye, E. O., Paul, C., Kaninjing, E., Lopez, I. A., Matsouaka, R., Brown Speights, J. S., De Leon, J., Sauls, D. L., Ndip, R. N., Amisshah, F., Bosworth, H., Warren, C. L., Muiruri, C. (2022). Food insecurity among university students in the United States amidst the COVID-19 pandemic. *The Journal of American College Health*.

Axford, Katie

Axford, K. L. (2022). Chapter 9 Cardiology: Warfarin/CYP2C9, VKORC1, CYP4F2 Case. In D. F. Kisor, D. R. Bright, T. R. Smith, & K. Wiisanen (Eds.), *Pharmacogenomics: Foundations, Competencies, and the Pharmacists' Patient Care Process* (2nd ed.). Washington, DC: American Pharmacists Association.

Bernknopf, Allison

Goldwire, M. A., Johnson, S. T., Abdalla, M., Advani, A., Bernknopf, A. C., Colella, A., Kehr, H. A., Kier, K., May, D., May, J. R., Picone, M. F., Saad, M., Thornby, K., Ward, K. (2023). Medical Misinformation: A Primer and Recommendations for Pharmacists. *JACCP: Journal of the American College of Clinical Pharmacy*.

Bouthillier, Michael

Müller, F., Skok, J. I., Arnetz, J. E., Bouthillier, M. J., Holman, H. T. (2023). Primary Care Clinicians' Attitude, Knowledge, and Willingness to Address Climate Change in Shared Decision-Making. *Journal of the American Board of Family Medicine : JABFM*.

Bouthillier, M. J., Holman, H. T., Müller, F. (2023). *Thinking "Green" When Treating "Pink Puffers" and "Blue Bloaters": Reducing Carbon Footprint When Prescribing Inhalers* (vol. 36, pp. Ahead of print). American Board of Family Medicine.

Bright, David

Beam, T., Klepser, D., Klepser, M. E., Bright, D. R., Klepser, N., Schuring, H., Wheeler, S., Langerveld, A. (2023). COVID-19 host genetic risk study conducted at community pharmacies: Implications for public health, research and pharmacists' scope of practice. *Research in Social and Administrative Pharmacy*.

DiPietro Mager, N., Bright, D. R. (2023). Advancing Public Health through Community Pharmacy Practice. *Pharmacy*, 57(11).

DiPietro Mager, N., Bright, D. R., Shipman, A. J. (2022). Beyond contraception: Pharmacist roles to support maternal health. *Pharmacy*, 163.

VanLangen, K. M., Schmidt, K., Sohn, M., Meny, L. M., Bright, D. R. (2022). Development of an APPE Readiness Assessment Plan: Initial Evaluation and Next Steps. *American Journal of Pharmaceutical Education*.

Pelaccio, K., Bright, D. R., Dillaway, H., O'Connell, M. B. (2022). Birth control use and access including pharmacist-prescribed contraception services during COVID-19. *Pharmacy*, 1-, 142.

DiPietro Mager, N., Bright, D. R. (2022). Promising practice and pockets of excellence: Community pharmacists supporting wellness for reproductive-age women. *Health Services Research* (57), 1384-89.

D. Kisor, D. R. Bright, T. Smith, & K. Wiisanen (Eds.), *Pharmacogenomics: Foundations, competencies, and the pharmacists' patient care process. 2nd Edition*. American Pharmacists Association.

Devuyst-Miller, Susan

Okoro, O. N., Devuyst-Miller, S. A., MacDonald, D. A., Montag-Schafer, K. G., Pereira, C. R., Schweiss, S. K., Yapel, A. M. (2022). Integrating social determinants into pharmacotherapy courses: A case-based learning approach. *Currents in pharmacy teaching & learning*.

Ding, Qian

Ding, Q., Shiltz, D., Hossami, D., Konieczny, A. (2022). The Economic Burden of Biologic Disease-modifying Antirheumatic Drugs in Rheumatoid Arthritis Patients in the United States. *Expert Review of Pharmacoeconomics & Outcomes Research*, 22(8), 1231-1241.

Dowling, Thomas

Bayles, C. E., Hale, D. E., Konieczny, A. M., Anderson, V. D., Richardson, C. R., Brown, K. V., Nguyen, J. T., Hecht, J., Schwartz, N., Kharel, M. K., Amisshah, F., Dowling, T. C., Nybo, E. (2022). Upcycling the anthracyclines: new mechanisms of action, toxicology, and pharmacology. *Toxicology and Applied Pharmacology*.

Vanloo, D. A., Dowling, T. C. (2022). Renal Drug Dosing Concepts (Chapter 3). In J. E. Murphy (Ed.), *Clinical Pharmacokinetics (7th Ed, 2022)*. ASHP, Bethesda, MD.

Cucci, M. D., Gerlach, A. T., Mangira, C., Murphy, C. V., Roberts, J. A., Udy, A. A., Dowling, T. C., Mullen, C. L. (2022). Performance of different body weights in the Cockcroft-Gault equation in critically ill patients with and without augmented renal clearance: A multicenter cohort. *Pharmacotherapy*.

Girand, Heather

DeLuca, J. L., Girand, H. L., Hilaire, M. L., Lindsey, C., Evans, J., Prescott Jr, W. A. (2023). *A Call To Action for the Professional Development of Mid-Career Faculty* (9th ed., vol. 87, pp. 10044).

Girand, H. L. (2023). Influenza. *Pharmacotherapy Principles and Practice Study Guide: A Case-Based Care Plan Approach* (Sixth Edition ed.). New York, NY: McGraw-Hill Education.

Girand, H. L. (2023). Upper Respiratory Infection. *Pharmacotherapy Principles and Practice Study Guide: A Case-Based Care Plan Approach* (Sixth Edition ed.). New York, NY: McGraw-Hill Education.

Girand, H. L., McNeil, J. C. (2022). Lock therapy for prevention and treatment of intravascular non-hemodialysis catheter-related infection. *UpToDate*. Waltham, MA: UpToDate. www.uptodate.com

Kelly (Sahr), Michelle

Kelsh, S., Ottney, A. R., Young, M., Kelly (Sahr), M., Larson, R., Sohn, M. (2023). Young Adults' Electronic Cigarette Use and Perceptions of Risk. *Tobacco Use Insights*, 16, 1-6.

Sahr, M., Blower, N., Johnston, R. (2022). Patient perceptions of acute infectious diseases POCT in community pharmacies. *Journal of the American Pharmacists Association*, 62(6), 1786-1791.

Kelsh, Shelby

Kelsh, S., Ottney, A. R., Young, M., Kelly (Sahr), M., Larson, R., Sohn, M. (2023). Young Adults' Electronic Cigarette Use and Perceptions of Risk. *Tobacco Use Insights*, 16, 1-6.

Klepser, Michael

Beam, T., Klepser, D., Klepser, M. E., Bright, D. R., Klepser, N., Schuring, H., Wheeler, S., Langerveld, A. (2023). COVID-19 host genetic risk study conducted at community pharmacies: Implications for public health, research and pharmacists' scope of practice. *Research in Social and Administrative Pharmacy*.

McMahon, B., Fouts, M., Klepser, D., Klepser, M. E. (2023). Implementation of a pharmacy-based blood lead testing program: a retrospective analysis. *Journal of the American Pharmacists Association : JAPhA*.

Klepser, N., Koski, M., Koski, R. R., Klepser, D., Klepser, M. (2023). Community Pharmacist-Provided Test and Treat Programs for Acute Infectious Conditions. *Journal of American College of Clinical Pharmacy, TBD(TBD)*, 1-11.

VanderHorst, D., Klepser, M. E. (2022). Laboratory testing considerations. *Critical Care Pharmacotherapy, Second Edition*.

Klepser, D. G., Klepser, M. E., Peters, P. J., Hoover, K. W., Weidle, P. J. (2022). Implementation and Evaluation of a Collaborative, Pharmacy-Based Hepatitis C and HIV Screening Program. *Preventing chronic disease*, 19, E83.

Beuschel, T., Gootee, E., Jordan, M., Sikkenga, T., Klepser, D. G., Holmquist, H., de Voest, A., Klepser, M. E. (2022). Time and motion study of hepatitis C virus point-of-care testing in community pharmacies. *Journal of the American Pharmacists Association : JAPhA*.

Klepser, M. E., Koski, R. R. (2022). Molecular Point-of-Care Testing in the Community Pharmacy Setting: Current Status and Future Prospects. *Expert Review of Molecular Diagnostics*.

Pontefract, B., Klepser, M. E. (2022). The antifungal agents. *Understanding Pharmacology for Pharmacy Technicians, 2nd Edition*.

Hohmeier, K. C., McKeirnan, K., Akers, J., Klepser, M. E., Klepser, S. A., Chen, C., Klepser, D. G. (2022). Implementing community pharmacy-based influenza point-of-care test-and-treat under collaborative practice agreement. *Implementation science communications, 3*(1), 77.

Mahoney, M. V., Bhagat, H., Christian, R., Del Rio, C., Hohmeier, K. C., Klepser, M. E., Pogue, J. M. (2022). *Pharmacists as important prescribers of coronavirus disease 2019 (COVID-19) antivirals*. (1st ed., vol. 2, pp. e112).

Koski, Renee

Klepser, N., Koski, M., Koski, R. R., Klepser, D., Klepser, M. (2023). Community Pharmacist-Provided Test and Treat Programs for Acute Infectious Conditions. *Journal of American College of Clinical Pharmacy, TBD(TBD)*, 1-11.

Klepser, M. E., Koski, R. R. (2022). Molecular Point-of-Care Testing in the Community Pharmacy Setting: Current Status and Future Prospects. *Expert Review of Molecular Diagnostics*.

Koski, R. R., Hill, L., Taavola, K. (2022). Efficacy and Safety of Biologics for Chronic Rhinosinusitis with Nasal Polyps. *Journal of Pharmacy Technology, 8*.

Kurup, Sonali

Cochran, C., Martin, K., Rafferty, D., Choi, J., Leontyev, A., Shetty, A., Kurup, S., Puthanveetil, P. (2023). Untargeted Metabolomics Based Prediction of Therapeutic Potential for Apigenin and Chrysin. *International journal of molecular sciences, 24*(4).

Larson, Rodney

Kelsh, S., Ottney, A. R., Young, M., Kelly (Sahr), M., Larson, R., Sohn, M. (2023). Young Adults' Electronic Cigarette Use and Perceptions of Risk. *Tobacco Use Insights, 16*, 1-6.

Meny, Lisa

Newman, K., Richter, L. M., Meny, L. M., Arnoldi, J., Danielson, J. (2023). A Mixed-Methods Analysis of the Promotion and Tenure Process for Experiential Education Faculty. *American Journal of Pharmaceutical Education*.

VanLangen, K. M., Schmidt, K., Sohn, M., Meny, L. M., Bright, D. R. (2022). Development of an APPE Readiness Assessment Plan: Initial Evaluation and Next Steps. *American Journal of Pharmaceutical Education*.

Meny, L. M. (2022). *Moving AACP Curriculum Quality Survey Results from Good to Great*. Alexandria, VA: American Association of Colleges of Pharmacy.

Mersfelder, Tracey

Shamsi, W. E., Mersfelder, T. L., Kavanaugh, K. J. (2022). Utility of a Diabetes Medication Poster in a Primary Care Clinic. *Journal of Pharmacy Practice*.

Nybo, Eric

Tirkkonen, H., Brown, K. V., Niemczura, M., Faudemer, Z., Brown, C., Ponomareva, L., Helmy, Y., Thorson, J. S., Nybo, E., Metsä-Ketelä, M., Shaaban, K. A. (2023). Engineering BioBricks® for deoxysugar biosynthesis and generation of new tetracenomycins. *ACS Omega*.

Bayles, C. E., Hale, D. E., Konieczny, A. M., Anderson, V. D., Richardson, C. R., Brown, K. V., Nguyen, J. T., Hecht, J., Schwartz, N., Kharel, M. K., Amissah, F., Dowling, T. C., Nybo, E. (2022). Upcycling the anthracyclines: new mechanisms of action, toxicology, and pharmacology. *Toxicology and Applied Pharmacology*.

Wang, R., Nguyen, J. T., Hecht, J., Schwartz, N., Brown, K. V., Ponomareva, L., Niemczura, M., van Dissel, D., van Wezel, G., Thorson, J. S., Metsä-Ketelä, M., Shaaban, K. M., Nybo, E. (2022). A BioBricks® metabolic engineering platform for the biosynthesis of anthracyclinones in *Streptomyces coelicolor*. *ACS Synthetic Biology*.

Ottney, Anne

Kelsh, S., Ottney, A. R., Young, M., Kelly (Sahr), M., Larson, R., Sohn, M. (2023). Young Adults' Electronic Cigarette Use and Perceptions of Risk. *Tobacco Use Insights*, 16, 1-6.

Pontefract, Benjamin

Pontefract, B., Klepser, M. E. (2022). The antifungal agents. *Understanding Pharmacology for Pharmacy Technicians, 2nd Edition*.

Potter, Gregg

Potter, G. S., Lubiba, G. (2022). More than Skin Deep: The Lack of Skin Tone Representation in Health Care. *Michigan Pharmacist*, 60(4), 16-17.

Saadeh, Claire

Saadeh, C. E. (2023). Patient Reported Outcomes for Oral Oncolytic Therapy: A Pilot Study Utilizing an Electronic Patient Portal in a Community Cancer Center. *Journal of Oncology Pharmacy Practice*.

Schmidt, Kyle

Webster, R. E., Belfer, J. J., Schmidt, K. (2023). Evaluation of basal plus versus sliding scale insulin therapy on glucose variability in critically ill patients without preexisting diabetes. *Annals of Pharmacotherapy*.

Schmidt, K. J. (2023). *Treat the Patient, Not the Numbers* (1st ed., vol. 64). Lansing, Michigan.

Schmidt, K. J., Bolesta, S. (2022). Supportive Management of Sepsis. *Infectious Diseases Self-Assessment Program (IDSAP)* (Book 2 ed., pp. 35-57). Lenexa, KS: American College of Clinical Pharmacy.

VanLangen, K. M., Schmidt, K., Sohn, M., Meny, L. M., Bright, D. R. (2022). Development of an APPE Readiness Assessment Plan: Initial Evaluation and Next Steps. *American Journal of Pharmaceutical Education*.

Sexton, Scott

Sexton, S., Marciniak, M., Gatton, O., Shelton, P. (2022). Impact of a Statewide Community Pharmacy Approach to Opioid Harm Reduction. *Journal of the American Pharmacists Association*.

Shiltz, Dane

Ding, Q., Shiltz, D., Hossami, D., Konieczny, A. (2022). The Economic Burden of Biologic Disease-modifying Antirheumatic Drugs in Rheumatoid Arthritis Patients in the United States. *Expert Review of Pharmacoeconomics & Outcomes Research*, 22(8), 1231-1241.

Sohn, Minji

Kelsh, S., Ottney, A. R., Young, M., Kelly (Sahr), M., Larson, R., Sohn, M. (2023). Young Adults' Electronic Cigarette Use and Perceptions of Risk. *Tobacco Use Insights*, 16, 1-6.

Sohn, M., Delcher, C., Talbert, J. C., Cheng, Y., Xu, Y., Jadhav, E., Freeman, P. R. (2022). The impact of naloxone coprescribing mandates on opioid-involved overdose deaths. *American Journal of Preventive Medicine*.

VanLangen, K. M., Schmidt, K., Sohn, M., Meny, L. M., Bright, D. R. (2022). Development of an APPE Readiness Assessment Plan: Initial Evaluation and Next Steps. *American Journal of Pharmaceutical Education*.

Cheng, Y., Freeman, P. R., Slade, E., Sohn, M., Talbert, J. C., Delcher, C. (2022). Medicaid expansion and access to naloxone in metropolitan and nonmetropolitan areas. *The Journal of Rural Health: Official Journal of the American Rural Health Association and the National Rural Health Care Association*.

VanLangen, Kali

Geyer, A. C., VanLangen, K. M., Jameson, A. P., Dumkow, L. E. (2023). Outcomes of high-dose oral beta-lactam step down therapy compared to alternative oral therapy for bacteremic urinary tract infections. *Antimicrobial Stewardship & Healthcare Epidemiology*.

VanLangen, K. M., Begley, K., Bradley, C. L., Hong, L., Knockel, L., Renfro, C., Sourial, M., Frenzel (2023). Early Skills Laboratory Warnings: Laboratory Faculty Perspectives on Student Barriers to Progression to Experiential Education. *Currents in Pharmacy Teaching and Learning*.

VanLangen, K. M., Schmidt, K., Sohn, M., Meny, L. M., Bright, D. R. (2022). Development of an APPE Readiness Assessment Plan: Initial Evaluation and Next Steps. *American Journal of Pharmaceutical Education*.

Elajouz, B., Dumkow, L., Worden, L., VanLangen, K. M., Jameson, A. (2022). 3-Day Ceftriaxone vs. Longer Duration for Inpatient Treatment of Uncomplicated UTI. *Antimicrobial Stewardship & Healthcare Epidemiology*.

Vanloo, Dean

Vanloo, D. A., Dowling, T. C. (2022). Renal Drug Dosing Concepts (Chapter 3). In J. E. Murphy (Ed.), *Clinical Pharmacokinetics (7th Ed, 2022)*. ASHP, Bethesda, MD.

Vavra Janes, Kari

Larabell, N., Slot, M., Parker, J., Vavra Janes, K. L. (2023). The impact of pain management changes to an inpatient general admission electronic order-set. *J Am Pharm Assoc*, 64(1), 343-348.

Ward, Tracey

Steinke, I., Govindarajulu, M., Pinky, P. D., Bloemer, J., Yoo, S., Ward, T. D., Schaedig, T., Young, T., Wibowo, F. S., Suppiramaniam, V., Amin, R. H. (2023). Selective PPAR-Delta/PPAR-Gamma Activation Improves Cognition in a Model of Alzheimer's Disease. *Cells*, 12(8), 1116.

Young, Mark

Kelsh, S., Ottney, A. R., Young, M., Kelly (Sahr), M., Larson, R., Sohn, M. (2023). Young Adults' Electronic Cigarette Use and Perceptions of Risk. *Tobacco Use Insights*, 16, 1-6.

3.0 PRESENTATIONS

Amissah, Felix

Birdsall, K., Brako, A. B., Nybo, E., Amissah, F., West Michigan Regional Undergraduate and Graduate Science Symposium (WMRUGS), "Inhibitory Effect of Tetracenomycins on the Growth of Mammalian Cancer Cells," VARI, Grand Rapids, Michigan. (November 11, 2022).

Birdsall, K., Brako, A. B., Nybo, E., Amissah, F., 2022 Celebration of Student Research & Creative Activities, "Inhibitory Effect of Tetracenomycins on the Growth of Mammalian Cancer Cells," Ferris State University, Big Rapids, Michigan. (September 16, 2022).

York, H., Amissah, F., 2022 Celebration of Student Research & Creative Activities, "Targeting Lung Cancer Metastasis using Ketorolac Analogs and Omega-3 Polyunsaturated Fatty Acids," Ferris State University, Big Rapids, Michigan. (September 16, 2022).

Axford, Katie

Axford, K. L., Hight, A., Bora, N., APHA 2022 Annual Meeting & Expo, "Providing medications for latent tuberculosis infection during a pandemic," American Public Health Association, Boston, MA. (November 8, 2022).

Bailey, Teresa

Bailey, T. M., Ferris State University College of Pharmacy Spring Seminar, "Pharmacist Prescribed Contraception," Ferris State University College of Pharmacy, Big Rapids, MI. (May 2023).

Bailey, T. M., Western Michigan University Homer Stryker M.D. School of Medicine 39th Annual Developmental Disabilities Conference, "Dietary Supplements in Autism," Western Michigan University Homer Stryker M.D. School of Medicine, East Lansing, MI. (April 2023).

Bailey, T. M., Lambda Kappa Sigma Alpha Iota Collegiate Hygeia Day, "Pharmacist Prescribed Contraception," Lambda Kappa Sigma Alpha Iota Collegiate, Grand Rapids. (March 2023).

Covyeou, Jill

Covyeou, J. A., Substance Use Disorder Project ECHO, "Pharmacologic and Non-Pharmacologic Approaches to Chronic Pain Management in Patient's with Substance Use Disorder (Part1)," Saginaw Valley State University, Zoom. (May 3, 2023).

Covyeou, J. A., Substance Use Disorder Project ECHO, "The ABC's of UDS," Saginaw Valley State University, Zoom. (March 15, 2023).

Covyeou, J. A., Substance Use Disorder Project ECHO, "Risk Reduction: Overdose Prevention and Management of Prescribed Opioids," Saginaw Valley State University, Zoom. (October 19, 2022).

Covyeou, J. A., Research and Practice Roundtable, "Project ECHO: Teaching, Learning, and Practice," Ferris State University College of Pharmacy, Zoom. (September 1, 2022).

deVoest, Peggy

Rohde, N., Jones, E., Kelsh, S., deVoest, M., 2022 ASHP Mid-Year, "Implementation of a Primary Care Opioid Stewardship Team Reduces Morphine Milligram Equivalents in Patients on Chronic, High-Dose Opioid Therapy," ASHP, Las Vegas, NV. (December 6, 2022).

Devuyst-Miller, Susan

Devuyst-Miller, S. A., "Implicit Bias Training: Sexual orientation and gender identity bias in healthcare," FSU COP, Big Rapids. (June 27, 2023).

Devuyst-Miller, S. A., FSU COP Spring Seminar, "Implicit Bias Training: Sexual Orientation and Gender Identity Bias in Healthcare," Ferris State University, Big Rapids. (May 23, 2023).

Devuyst-Miller, S. A., Shiltz, D., Giri, N., College of Health Professions Best Practices Day 2023, "Inclusion, Diversity, Equity, and Advancing Action in the College of Pharmacy," Ferris State University College of Health Professions, Big Rapids, MI. (April 6, 2023).

Ding, Qian

Bui, L., Ding, Q., Rhoney, D., ACCP 2022 Global Conference on Clinical Pharmacy, "Association of Opioid Utilization in the Medical Intensive Care Unit and Opioid Prescriptions at Hospital Discharge in Opioid Naïve Patients Who Received Enhanced Oxygen Therapy.," American College of Clinical Pharmacy (ACCP), San Francisco, California. (October 15, 2022).

Sexton, S., Ding, Q., Schmidt, K., Pharmacy Education 2022, "Bridging Interprofessional Education with Practical Community Experiences in Rural

Michigan," American Association of Colleges of Pharmacy, Grapevine, Texas. (July 24, 2022).

Giri, Namita

Devuyst-Miller, S. A., Shiltz, D., Giri, N., College of Health Professions Best Practices Day 2023, "Inclusion, Diversity, Equity, and Advancing Action in the College of Pharmacy," Ferris State University College of Health Professions, Big Rapids, MI. (April 6, 2023).

Giri, N., Nybo, S., Zheng, Y., Qamoum, S., West Michigan Regional Undergraduate Science Research Conference, "HPLC-LCMS method development for quantification of antiretroviral agents- Tenofovir and Dapivirine," Van Andel Institute, Grand Rapids. (November 5, 2022).

Giri, N., Nybo, E., Zheng, Y., Qamoum, S., 2022 Celebration of Student Research & Creative Activities Symposium, "HPLC-LCMS method development for determination and quantification of Antiretroviral agents - Tenofovir and Dapivirine," Ferris State University, University Center -Ferris state university. (September 16, 2022).

Kelly (Sahr), Michelle

Kelsh, S., Kelly (Sahr), M., Public Health SIG, "A National look at Vaping," AACP, Online. (September 13, 2022).

Ottney, A. R., Kelly (Sahr), M., Michigan State University Statewide Campus System Emergency Medicine Virtual Conference, "Vaping 2022: Looking Back and Moving Forward," Michigan State University, Virtual. (August 17, 2022).

Sahr, M., Pharmacy Education 2022, "Patient perceptions to acute infectious disease Point-of-Care Testing (POCT) in community pharmacy settings," American Association of Colleges of Pharmacy, Grapevine, TX. (July 25, 2022).

Kelsh, Shelby

Kelsh, S., Ferris State University Spring Seminar, "Mending at broken heart: Secondary prevention of myocardial infarction," Ferris State University, College of Pharmacy, Big Rapids, MI. (May 23, 2023).

Rohde, N., Jones, E., Kelsh, S., deVoest, M., 2022 ASHP Mid-Year, "Implementation of a Primary Care Opioid Stewardship Team Reduces Morphine Milligram Equivalents in Patients on Chronic, High-Dose Opioid Therapy," ASHP, Las Vegas, NV. (December 6, 2022).

Kelsh, S., PEDALS, "Navigating difficult preceptor situations," Ferris State University College of Pharmacy, Online. (November 9, 2022).

Kelsh, S., Kelly (Sahr), M., Public Health SIG, "A National look at Vaping," AACP, Online. (September 13, 2022).

Klepser, Michael

Klepser, M. E., Sohn, M., Pontefract, B., Annual Convention and Exposition (ACE), "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM),"

Michigan Pharmacists Association (MPA), Detroit, Michigan. (February 25, 2023).

Klepser, M. E., Pontefract, B., Young, M., "The Health Deli, Season 2." (2022).

McDonnell, J., Pontefract, B., Sohn, M., Klepser, M. E., ASHP Midyear Clinical Meeting and Exhibition, "Infectious Diagnoses and Antibiotic Concordance Compared Between White and Non-White Populations Within Three Michigan Health Systems," American Society of Health-Systems Pharmacists (ASHP), Las Vegas, NV. (December 4, 2022).

Klepser, M. E., World Point of Care and At-Home Diagnostics Summit, "Ensuring Value for Patients Beyond the Test," San Diego, California. (November 30, 2022).

Klepser, M. E., Michigan Antibiotic Risk Reduction Coalition Antibiotic Ambassador Conference, "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM).," East Lansing, Michigan. (November 2, 2022).

Grubbs, E., Pontefract, B., Sohn, M., Ford, J., Klepser, M. E., 2022 Global Conference, "Leveraging Visual Data through CHARM Dashboards to Identify and Track the Impact of Stewardship Interventions," American College of Clinical Pharmacy (ACCP), San Francisco, California. (October 15, 2022).

Klepser, M. E., Ferris State University College of Pharmacy Homecoming, "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM)," Big Rapids, MI. (September 23, 2022).

Klepser, M. E., Outpatient Antibiotic Stewardship Innovations Symposium (OASIS), "New twists with Collaboration to Harmonize Antimicrobial Registry Measures (CHARM).," MSHP, Grand Rapids, Michigan. (August 18, 2022).

Koski, Renee

Koski, R. R., UPMPA Annual Meeting, "No Stone Unturned: Treating Gallstones and Kidney Stones," MPA, Marquette, MI. (September 24, 2022).

Kurup, Sonali

Rogers, B., Rohde, N., Mikitaroff, J., Satawa, S., Matson, J., Amisshah, F., Kurup, S., National Meeting, American Association for Cancer Research, "4-Amino-N-phenylbenzamides as dual-targeted mEGFR/AURK inhibitors and anticancer agents," (AACR), Orlando. (April 2023).

Gesinski, D., Kurup, S., National Meeting, American Association for Cancer Research, "Design, synthesis and evaluation of dual-targeted mEGFR and AURK inhibitors as anticancer agents," (AACR), Orlando. (April 2023).

Rogers, B., Rohde, N., Mikitaroff, J., Kurup, S., West Michigan Regional Undergraduate Science Symposium, Van Andel Research Institute, "4-Amino-N-substitutedphenylbenzamides as dual-targeted mEGFR and AURKB inhibitors," Van Andel Research Institute, Grand Rapids. (November 2022).

Gesinski, D., Kurup, S., West Michigan Regional Undergraduate Science Symposium, Van Andel Research Institute, "Design, synthesis and evaluation of N-[4-(phenylmethoxy)phenyl]-7H-pyrrolo[2,3-d]pyrimidin-4-amines as mEGFR and AURKB inhibitors," Van Andel Research Institute, Grand Rapids. (November 2022).

Meny, Lisa

Meny, L. M., Fulford, M., Franks, A., AACP Annual Meeting, "For Wellness Sake, We Need Equity-Minded Faculty Workloads Right Now," American Association of Colleges of Pharmacy, Grapevine, Texas. (July 25, 2022).

Meny, L. M., Newman, K., Danielson, J., Richter, L., AACP Annual Meeting, "Square Pegs in Round Holes: Overcoming Barriers to Promotion and Tenure for Experiential Education Faculty," American Association of Colleges of Pharmacy, Grapevine, Texas. (July 25, 2022).

Mersfelder, Tracey

Thomas, T., Maticevic, M., Mersfelder, T. L., Baker, J. K., Bannon, S. F., The 41st Annual Kalamazoo Community Medical and Health Sciences Research Day, "A Case of Nitrofurantoin Causing Liver Damage," Western Michigan University Homer Stryker MD School of Medicine, Kalamazoo, Michigan. (May 3, 2023).

Nybo, Eric

Birdsall, K., Brako, A. B., Nybo, E., Amissah, F., West Michigan Regional Undergraduate and Graduate Science Symposium (WMRUGS), "Inhibitory Effect of Tetracenomycins on the Growth of Mammalian Cancer Cells," VARI, Grand Rapids, Michigan. (November 11, 2022).

Schwartz, N., Schwartz, J., Nybo, E., West Michigan Regional Undergraduate Science Research Conference, "BioBricks® platform for engineering of diverse anthracycline core scaffolds," Van Andel Institute, Grand Rapids, Michigan. (November 5, 2022).

Hecht, J., Schwartz, N., Nybo, E., West Michigan Regional Undergraduate Science Research Conference, "Engineering of diverse post-PKS enzymatic steps in anthracycline biosynthesis," Van Andel Institute, Grand Rapids, Michigan. (November 5, 2022).

West, A., Jamalabadi, D. Z., Nybo, E., West Michigan Regional Undergraduate Science Research Conference, "Engineering of Glycosyltransferases for the Glycodiversification of Anthracyclines," Van Andel Institute, Grand Rapids, Michigan. (November 5, 2022).

Giri, N., Nybo, S., Zheng, Y., Qamoum, S., West Michigan Regional Undergraduate Science Research Conference, "HPLC-LCMS method development for quantification of antiretroviral agents- Tenofovir and Dapivirine," Van Andel Institute, Grand Rapids. (November 5, 2022).

Brown, C. L., Schwartz, N., Hecht, J., Nybo, E., West Michigan Regional Undergraduate Science Research Conference, "Synthetic biology for improved

- deoxysugar biosynthesis in the elloramycin pathway," Van Andel Institute, Grand Rapids, Michigan. (November 5, 2022).
- Giri, N., Nybo, E., Zheng, T., Qamoum, S., 2022 Celebration of Student Research & Creative Activities Symposium, "HPLC-LCMS method development for determination and quantification of Antiretroviral agents - Tenofovir and Dapivirine," Ferris State University, University Center -Ferris state university. (September 16, 2022).
- Birdsall, K., Brako, A. B., Nybo, E., Amissah, F., 2022 Celebration of Student Research & Creative Activities, "Inhibitory Effect of Tetracenomycins on the Growth of Mammalian Cancer Cells," Ferris State University, Big Rapids, Michigan. (September 16, 2022).
- Nybo, E, "Glycodiversification of the tetracenomycins using combinatorial biosynthesis," University of Michigan, Ann Arbor, MI. (September 7, 2022).
- Nybo, E., Schwartz, N., Hecht, J., 264th National Meeting of the American Chemical Society, "BioBricks® polyketide metabolic engineering platform for the refactoring of the doxorubicin pathway," American Chemical Society, Chicago, IL. (August 23, 2022).
- Schwartz, N., Schwartz, J., Nybo, E., 264th National Meeting of the American Chemical Society, "BioBricks® platform for engineering of diverse anthracyclinone core scaffolds," American Chemical Society, Chicago, IL. (August 20, 2022).
- Schwartz, J., Schwartz, N., Nybo, E., 264th National Meeting of the American Chemical Society, "Engineering of diverse post-PKS enzymatic steps in anthracycline biosynthesis," American Chemical Society, Chicago, IL. (August 20, 2022).
- Nybo, E., Visit to University of Turku, FI, "BIOPOLYMER – BIOBricks POLYketide Metabolic Engineering PlatfoRm," University of Turku, FI, Turku, FI. (August 2, 2022).

Ottney, Anne

- Ottney, A. R., Michigan State University College of Osteopathic Medicine Annual Summer Symposium, "Vaping Here and Now: Trends in Electronic Cigarette Use and Cessation," Michigan State University College of Osteopathic Medicine, Traverse City, MI. (June 24, 2023).
- Ottney, A., Foote, E., ACCP Virtual Poster Symposium, "Prevalence and factors associated with insulin overbasalization in a family medicine residency clinic," American College of Clinical Pharmacy, Virtual. (May 24, 2023).
- Ottney, A. R., Michigan Council of Nurse Practitioners-Capital Area Pharmacology Conference, "Winning Combinations: The Role of Polypharmacy in Psychiatric Conditions," East Lansing, MI. (February 11, 2023).

Ottney, A. R., Curtis, J., Saljic, E., American Public Health Association Annual Meeting, "Identifying Reasons for Traditional Cigarette Use in E-Cigarette First Users," American Public Health Association, Boston, MA. (November 8, 2022).

Ottney, A. R., Sparrow Hospital Pharmacy Seminar, "Choosing Wisely: Making Sense of Medication Combinations Used in Psychiatric Conditions," Sparrow Hospital, Lansing, MI. (September 1, 2022).

Ottney, A. R., Kelly (Sahr), M., Michigan State University Statewide Campus System Emergency Medicine Virtual Conference, "Vaping 2022: Looking Back and Moving Forward," Michigan State University, Virtual. (August 17, 2022).

Pontefract, Benjamin

Sohn, M., Haddad, A., Pontefract, B., Great Lakes Infectious Diseases Conferenced (GLID), "Update on CHARM Dashboard Across Michigan in Relation to Tracking Antibiotic Use in the Ambulatory Setting," Ferris State University, Grand Rapids, Michigan. (March 18, 2023).

Klepser, M. E., Sohn, M., Pontefract, B., Annual Convention and Exposition (ACE), "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM)," Michigan Pharmacists Association (MPA), Detroit, Michigan. (February 25, 2023).

Klepser, M. E., Pontefract, B., Young, M., "The Health Deli, Season 2." (2022).

Nguyen, A., Pontefract, B., Holmquist, H., de Voest, A., Sohn, M., ASHP Midyear Clinical Meeting and Exhibition, "Impact of the COVID-19 Pandemic on Telemedicine Antibiotic Prescribing in Michigan," American Society of Health-Systems Pharmacists (ASHP), Las Vegas, NV. (December 4, 2022).

McDonnell, J., Pontefract, B., Sohn, M., Klepser, M. E., ASHP Midyear Clinical Meeting and Exhibition, "Infectious Diagnoses and Antibiotic Concordance Compared Between White and Non-White Populations Within Three Michigan Health Systems," American Society of Health-Systems Pharmacists (ASHP), Las Vegas, NV. (December 4, 2022).

Grubbs, E., Pontefract, B., Sohn, M., Ford, J., Klepser, M. E., 2022 Global Conference, "Leveraging Visual Data through CHARM Dashboards to Identify and Track the Impact of Stewardship Interventions," American College of Clinical Pharmacy (ACCP), San Francisco, California. (October 15, 2022).

Pontefract, B., WMSHP September Monthly Meeting, "Outpatient COVID-19 Treatment Update (September 2022)," Western Michigan Society of Health-System Pharmacists, Grand Rapids. (September 22, 2022).

Pontefract, B., September Monthly Meeting, "Outpatient COVID-19 Treatment Update (September 2022)," Western Michigan Society of Health-System Pharmacists, Grand Rapids, Michigan. (September 20, 2022).

Pontefract, B., Outpatient Antimicrobial Stewardship Innovations Symposium (OASIS), "Creating Effective Outpatient Antimicrobial Stewardship Interventions,"

Ferris State University College of Pharmacy, Grand Rapids, Michigan. (August 18, 2022).

Pontefract, B., Pharmacy Grand Rounds, "IDSA 2021 C. difficile Infection Guideline Update," Spectrum Health Medical Center, Grand Rapids. (July 12, 2022).

Raguckas, Sarah E.

Raguckas, S. E., Wisner, G., Hossemi, D., "Understanding Dementia Related Behavior and How Medications May Play a Role," Alzheimer's Association Michigan Chapter, Virtual. (April 18, 2023).

Raguckas, S. E., Dupre, R., Neuropsychiatry Educational Session, "Medications Influencing Cognition and Dementia Treatment Options," CoreWell Health, Grand Rapids, MI. (March 17, 2023).

Raguckas, S. E., Occupational and Speech Therapy Educational Session, "The Role Medications Play in Helping or Harming Memory Loss," Spectrum Health, Grand Rapids, MI. (October 12, 2022).

Saadeh, Claire

Saadeh, C. E., Ferris State University College of Pharmacy 70th Annual Spring Seminar, "What's the Diff? 2016 vs 2022 CDC Clinical Practice Guidelines for Prescribing Opioids for Pain," FSU COP, Big Rapids, MI. (May 23, 2023).

Saadeh, C. E., Ferris State University College of Pharmacy 70th Annual Spring Seminar, "Oral Chemotherapy: Role of the Pharmacist," FSU COP, Big Rapids, MI. (May 22, 2023).

Saadeh, C. E., Michigan Society of Hematology & Oncology (MSHO): Oncology Pharmacist Forum, "Oral Chemotherapy: Not Just an Ordinary Pill," MSHO, Traverse City, MI. (May 5, 2023).

Saadeh, C. E., MPA Annual Convention & Exposition, "Using Opioids Safely in Patients with Renal or Hepatic Dysfunction," Michigan Pharmacists Association, Detroit, MI. (February 25, 2023).

Salvati, Lisa

Salvati, L. A., American Association of Colleges of Pharmacy Annual Meeting, "Fostering Interprofessional Growth: Deploying Formative Team Readiness Reports," American Association of Colleges of Pharmacy, Grapevine, TX. (July 25, 2022).

Salvati, L. A., American Association of Colleges of Pharmacy Annual Meeting, "Strategies to Develop Interprofessional Competencies through Student Remediation," American Association of Colleges of Pharmacy, Grapevine, TX. (July 24, 2022).

Schmidt, Kyle

Hughson, D., Ellena, K., Boldt, D., Schmidt, K. J., Great Lakes Pharmacy Resident Conference, "Impact of Anticoagulation Reversal with 4F-PCC for Acute

Gastrointestinal Bleeding in Patients on Oral Anticoagulation," West Lafayette, Indiana. (April 27, 2023).

Falk, C., Dumkow, L., Geyer, A., Egwuatu, N., Langholz, J., Schmidt, K. J., Jameson, A., Great Lakes Pharmacy Resident Conference, "Impact of Multiplex Respiratory PCR on Antimicrobial Stewardship and Infection Control in the Emergency Department and Inpatient Setting," West Lafayette, Indiana. (April 27, 2023).

de Voest, M., Schmidt, K. J., PEDALS, "Getting and Giving (Effective) Feedback," Ferris State University College of Pharmacy. (March 8, 2023).

Schmidt, K., Lunch and Learn, "Updates in the Management of Sepsis," Trinity Health Grand Rapids. (January 17, 2023).

Falk, C., Schmidt, K., Ellena, K., Ritter, S., Midyear Clinical Meeting and Exhibition, "A safety and efficacy evaluation of institution heparin infusion protocols," American Society of Health-System Pharmacists, Las Vegas, NV. (December 7, 2022).

Sexton, S., Ding, Q., Schmidt, K., Pharmacy Education 2022, "Bridging Interprofessional Education with Practical Community Experiences in Rural Michigan," American Association of Colleges of Pharmacy, Grapevine, Texas. (July 24, 2022).

Ryan, T., Cipriani, M., Haines, S., Schmidt, K., Farrell, D., Gandhi, N., Pharmacy Education 2022, "Junior Faculty and First Timers Annual Meeting Orientation and Networking Session," American Association of Colleges of Pharmacy, Grapevine, Texas. (July 23, 2022).

Schmidt, K., Research Lecture Series, "Clinical Trial Design and Interpretation," Trinity Health Grand Rapids, Grand Rapids, Michigan. (July 13, 2022).

Schmidt, K., Research Lecture Series, "Biostatistics Refresher," Trinity Health Grand Rapids, Grand Rapids, Michigan. (July 12, 2022).

Sexton, Scott

Sexton, S., Ferris State University Homecoming, "A Collaborative Approach to addressing Opioid Use Disorder in Rural Michigan," FSU College of Pharmacy, Big Rapids, MI. (September 24, 2022).

Sexton, S., Ding, Q., Schmidt, K., Pharmacy Education 2022, "Bridging Interprofessional Education with Practical Community Experiences in Rural Michigan," American Association of Colleges of Pharmacy, Grapevine, Texas. (July 24, 2022).

Shiltz, Dane

Devuyst-Miller, S. A., Shiltz, D., Giri, N., College of Health Professions Best Practices Day 2023, "Inclusion, Diversity, Equity, and Advancing Action in the College of Pharmacy," Ferris State University College of Health Professions, Big Rapids, MI. (April 6, 2023).

Smith, Curtis

- Smith, C. L., Michigan Center for Rural Health CE Presentation, "Pain and opioid use – Evidence based Information for Health Care Providers," Michigan Center for Rural Health, Virtual. (May 9, 2023).
- Smith, C. L., 2023 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Infectious Diseases 1," ACCP, Online. (May 3, 2023).
- Smith, C. L., 2023 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Infectious Diseases 2," ACCP, Online. (May 3, 2023).
- Smith, C. L., 2023 Updates in Therapeutics: The Pharmacotherapy Prep Review and Recertification Course, "Pharmacokinetics: A Refresher," ACCP, Online. (May 3, 2023).
- Smith, C. L., Michigan Center for Rural Health CE Presentation, "Treating Hypertension When It's Difficult," Michigan Center for Rural Health, Online. (December 13, 2022).
- Smith, C. L., Michigan Center for Rural Health CE Presentation, "Obesity: Medication Use in Weight Management," Michigan Center for Rural Health, Online. (November 3, 2022).
- Smith, C. L., Surgical Grand Rounds, "Pain and opioid use – Evidence based Information for HCP," Sparrow Health Systems Surgical Residency Program, Lansing, MI. (August 25, 2022).

Sohn, Minji

- Sohn, M., Haddad, A., Pontefract, B., Great Lakes Infectious Diseases Conferenced (GLID), "Update on CHARM Dashboard Across Michigan in Relation to Tracking Antibiotic Use in the Ambulatory Setting," Ferris State University, Grand Rapids, Michigan. (March 18, 2023).
- Klepser, M. E., Sohn, M., Pontefract, B., Annual Convention and Exposition (ACE), "Collaboration to Harmonize Antimicrobial Registry Measures (CHARM)," Michigan Pharmacists Association (MPA), Detroit, Michigan. (February 25, 2023).
- Sohn, M., Klepser, M., Pontefract, B., MPA Annual Convention & Exposition (ACE), "Using CHARM to Support Outpatient Antimicrobial Stewardship," Michigan Pharmacists Association (MPA), Detroit, MI. (February 25, 2023).
- Nguyen, A., Pontefract, B., Holmquist, H., de Voest, A., Sohn, M., ASHP Midyear Clinical Meeting and Exhibition, "Impact of the COVID-19 Pandemic on Telemedicine Antibiotic Prescribing in Michigan," American Society of Health-Systems Pharmacists (ASHP), Las Vegas, NV. (December 4, 2022).
- McDonnell, J., Pontefract, B., Sohn, M., Klepser, M. E., ASHP Midyear Clinical Meeting and Exhibition, "Infectious Diagnoses and Antibiotic Concordance Compared Between White and Non-White Populations Within Three Michigan

Health Systems," American Society of Health-Systems Pharmacists (ASHP), Las Vegas, NV. (December 4, 2022).

Grubbs, E., Pontefract, B., Sohn, M., Ford, J., Klepser, M. E., 2022 Global Conference, "Leveraging Visual Data through CHARM Dashboards to Identify and Track the Impact of Stewardship Interventions," American College of Clinical Pharmacy (ACCP), San Francisco, California. (October 15, 2022).

VanLangen, Kali

Strasel, M., VanLangen, K. M., Benzer, J., Geyer, A., Jameson, A. P., Dumkow, L. E., ACCP Virtual Poster Symposium, "HPV Vaccination Rates Following a Pharmacist-led Intervention in 9-and-10-year-olds," American College of Clinical Pharmacy. (May 23, 2023).

Soucie, J., Vandervoort, L., VanLangen, K. M., Volino, L., Whitner, C., AACP Laboratory Instructors SIG Webinar, "Accommodations in the Skills Laboratory Setting: Challenges and Areas of Opportunity," American Association of Colleges of Pharmacy. (April 12, 2023).

Frenzel, J. E., Anksorus, H., VanLangen, K. M., AACP Laboratory Instructors SIG Webinar, "Laboratory Instructors SIG: Innovations in Research and Assessment," American Association of Colleges of Pharmacy. (February 7, 2023).

Frenzel, J., A. P., VanLangen, K. M., American Association of Colleges of Pharmacy Annual Meeting, "Striking the Balance Between Student Boredom and Breakdown: Optimizing Performance-Based Activities and Assessments," Grapevine, Texas. (July 26, 2022).

Ward, Tracey

Ward, T. D., Zalupski, B., York, H., Korhorn, E., Brekke, G., Strickland, N., Aldiney, B., Birely, P., Celebration of Scholarship and Creative Work, "Drug Discovery of PPAR (Peroxisome Proliferator Activated Receptor) Agonists as Novel Treatment for Alzheimer's Disease," Ferris State University, Big Rapids, MI. (April 20, 2023).

Ward, Tracey, T. D., Zalupski, Ben, Kohorn, Emma, Workman, Logan, Hardesty, Daniel, West Michigan Regional Undergraduate Science Research Conference (WMRUGS), "Novel PPAR agonists as promising treatments for Alzheimer's disease," VanAndel, Grand Rapids, Michigan. (November 5, 2022).

Ward, Tracey, T. D., Zalupki Ben, Kohorn, Emma, Strickland, Noah, Student Research and Creative Activities, "Novel Selective Peroxisome Proliferator Activated Receptor agonist as promising treatment for Alzheimer's disease," Ferris State University, Big Rapids, Michigan. (September 16, 2022).

Ward, Tracey D, T. D., Workman, Logan, Hardesty, Daniel, Zalupski, Ben, Leeman, Christian, Kohorn, Emma, Tolea, Stefan, Amin, Raj, Mid-Michigan Symposium for Undergraduate Research (Mid-SURE), "Novel Selective Peroxisome Proliferator Activated Receptor (PPAR) agonist as promising treatment for Alzheimer's disease," Michigan State University, Lansing, Michigan. (July 27, 2022).

Young, Mark

Klepser, M. E., Pontefract, B., Young, M., "The Health Deli, Season 2." (2022).

4.0 INTELLECTUAL PROPERTY

Kurup, Sonali

Patent Application: SUBSTITUTED PYRROLO[2,3-D]PYRIMIDINES AS INHIBITORS FOR MULTIRESISTANT CANCERS