

Poster Session

Pharmacotherapy

- 1. Synthesis of Novel RPE65 Inhibitors for the Treatment of Age-Related Macular Degeneration and Stargardt's Disease** *Christopher L. Cioffi, Muthuraman Parthasarathy*, Albany College of Pharmacy and Health Sciences, Albany, NY
- 2. Attitudes and Perceptions Towards Pharmacogenomics Education and Relevance in Pharmacy Practice in Class of 2017 Pharmacy Students in New York and New Jersey** ¹*Shanice Coriolan*, ¹*Nimota Arikawe*, ²*Arden Moscati*, ²*Lisheng Zhou*, ³*Stephanie Dym*, ⁴*Seda Donmez*, ⁵*Adinoyi Garba*, ⁶*Sasha Falbaum* ³*Zvi Loewy*, ⁴*Melinda Lull*, ⁷*Maha Saad*, ⁸*Jayne Shtaynberg*, ²*Aniwaa Owusu Obeng*, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²Icahn School of Medicine at Mount Sinai Hospital, New York, NY, ³Touro College of Pharmacy, New York, NY, ⁴St. John Fisher College, Rochester, NY, ⁵D'Youville College School of Pharmacy, Buffalo, NY, ⁶Fairleigh Dickinson University, Florham Park, NJ, ⁷St. John's University, Queens, NY, ¹LIU Brooklyn Arnold & Marie Schwartz College of Pharmacy, Brooklyn, NY
- 3. Medicalization and the Physician: Shaping Identity and Clinical Autonomy** *Barry DeCoster, Priscilla Hall*, Albany College of Pharmacy and Health Sciences, Albany, NY
- 4. Quality Assessment of Expired Naloxone Products from First-Responders' Supplies** ¹*Justin Frey*, ¹*Schuyler Pruyn*, ¹*Michael Brodeur*, ¹*Benjamin Baker*, ²*Carla Graichen*, ²*Michael Dailey*, ¹*HaiAn Zheng*, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²Albany Medical Center, Albany, NY

-Poster #5 has been withdrawn-

- 6. Assessment of Time to Clinical Response in Patients with Sepsis Treated Before and After Implementation of a Twice-Daily Blood Culture Follow-up Program** ¹*Joseph J. Carreno*, ¹*Rachael Eaton*, ¹*Faith Babowicz*, ^{1,2}*Katie Toti*, ¹*Gianna Vitale*, ²*Jane Falvo*, ³*Ellis Tobin*, ²*Ben Lomaestro*, ²*Mary George*, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²Albany Medical Center Hospital, Albany, NY, ³Upstate Infectious Diseases Associates, Albany, NY

Molecular Mechanism

- 7. Disulfide Bridge Formation Contributes to Histone Ligand Recognition by the ATAD2 Bromodomain** ¹*Chiara Evans*, ¹*Jamie Gay*, ²*Brian E. Eckenroth*, ¹*Samuel Carlson*, ¹*Jonathan T. Lloyd*, ¹*Karen C. Glass*, ¹Albany College of Pharmacy and Health Sciences, Colchester, VT, ²University of Vermont, Burlington, VT
- 8. Molecular Mechanism of Di-acetylysine Recognition by the ATAD2B Bromodomain** ¹*Jonathan T. Lloyd*, ¹*Jamie C. Gay*, ²*Brian E. Eckenroth*, ³*Marco Tonelli*, ³*Gabriel Cornilescu*, ¹*Paul Nguyen*, ¹*Samuel Carlson*, ³*John L. Markley*, ¹*Karen C. Glass*, ¹Albany College of Pharmacy and Health Sciences, Colchester, VT, ²University of Vermont, Burlington, VT, ³University of Wisconsin-Madison, Madison, WI
- 9. Ricin Mediated Programmed Cell Death** *Cody Kempfen, Alexa Hodges, Timothy LaRocca*, Albany College of Pharmacy and Health Sciences, Albany, NY

Poster Session

- 10. Hyperglycemia Potentiates a Shift from Apoptosis to RIP1-dependent Necroptosis** ¹Payal S. Patel, ¹William D. McCaig, ¹Nicole L. Shakerley, ²Sergey A. Sosunov, ¹Tori A. Smiraglia, ¹Matthew A. Deragon, ¹Miranda Craft, ¹Katharine M. Walker, ¹Vadim S. Ten, ¹Timothy J. LaRocca, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²Columbia University, New York, NY
- 11. Allosteric Activation of Human SIRT6** *Stacia Rymarchyk, Steven Kisaka, Lawrence Urman, Ryan Ayres, Yana Cen*, Albany College of Pharmacy and Health Sciences, Colchester, VT
- 12. Regulation of Mouse Mammary 419II Cancer Stem Cell Proliferation by Bmi-1 and Nanog** *Kayla Stuart, Katherine Sfoglea, Jeffrey Voigt*, Albany College of Pharmacy and Health Sciences, Albany, NY
- 13. Identification and Characterization of Nucleobase Transporters** ¹Ai Tran, ²Roger Shek, ¹Ryota Yokose, ¹Marci Wood, ²Jarrold French, ¹Yana Cen, ¹Albany College of Pharmacy and Health Sciences, Colchester, VT, ²Stony Brook University, Stony Brook, NY
- 14. Synthesis of Cyclooctyne Containing Probes for Labeling Sirtuins** *Song Zheng, Yana Cen*, Albany College of Pharmacy and Health Sciences, Colchester, VT

Infectious Diseases

- 15. Genetic Basis for Daptomycin Resistance in Methicillin Resistant Staphylococcus aureus** ¹Jackson Lu, ¹Zhuo Ma, ²Ryan Schneider, ¹Vincenzo Russo, ²Janice Pata, ²Erica Lasek-Nesselquist, ²Kathleen McDonough, ¹Meenakshi Malik, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²Wadsworth Center, New York State Department of Health, Albany, NY
- 16. Regulatory Role(s) of pp(p)Gpp in Oxidative Stress Response of Francisella tularensis** ¹Zhuo Ma, ¹Madeline Worden, ¹Kayla King, ²Chandra Shekhar Bakshi, ¹Meenakshi Malik, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²New York Medical College, Valhalla, NY
- 17. Structural and Computational Insights into Single Nucleotide Polymorphisms in Cytochrome P450 2C9** ^{1,2}Keiko Maekawa, ³Motoyasu Adachi, ²Yumiko Matsuzawa, ⁴Qinghai Zhang, ⁵Ryota Kuroki, ²Yoshiro Saito, ⁶Manish B. Shah, ¹Doshisha Women's College of Liberal Arts, Kyoto, Japan, ²National Institute of Health Sciences, Tokyo, Japan, ³National Institutes for Quantum and Radiological Science and Technology, Ibaraki, Japan, ⁴The Scripps Research Institute, La Jolla, CA, ⁵Japan Atomic Energy Agency, Ibaraki, Japan, ⁶Albany College of Pharmacy and Health Sciences, Albany, NY
- 18. Role for Host Glycosphingolipid Biosynthesis on the Infectivity of Human Enveloped RNA Viruses** ¹Simon Ogbamikael, ²Clare Williams, ²Hiram Adames, ¹Kouacou Konan, ¹Dennis Metzger, ²Eric J Yager, ¹Albany Medical College, Albany, NY, ²Albany College of Pharmacy and Health Sciences, Albany, NY
- 19. Inhibition of HIV Early Replication by the p53 and its Downstream Gene p21** ¹Binshan Shi, ¹Hamayun J. Sharifi, ¹Sara DiGrigoli, ¹Michaela Kinnetz, ¹Katie Mellon, ²Wenwei Hu, ³Carlos M. C. de Noronha, ¹Albany College of Pharmacy and Health Sciences, Albany, NY, ²Rutgers the State University of New Jersey, New Brunswick, NJ, ³Albany Medical College, Albany, New York, Albany, NY

Poster Session

Nanomedicine

- 20. Applications of New Benzylguanidine Derivative/Nanoparticles in the Treatment of Neuroblastoma** *Ozlem Ozen Karakus, Mehdi Rajabi, Dhruva J. Bharali, Shaker A. Mousa, Albany College of Pharmacy and Health Sciences, Albany, NY*
- 21. Self-assembly of Green Tea Catechin Derivatives Nanoparticles for Oral Lycopene Delivery** *Weikun Li, Melamangalam S. Jayaraman, Dhruva J. Bharali, Albany College of Pharmacy and Health Sciences, Albany, NY*

Oncology

- 22. The Effects of Sulfated Non-Anticoagulant Heparin Compounds on Cancer Associated Thrombosis** *Reham Alzanbaqi, William Ayala, Emily Dzek, Shaniqua Headley, Alassane Kano, Albany College of Pharmacy and Health Sciences, Albany, NY*
- 23. Development of Bioanalytical Method for Pharmacokinetics of a Novel Targeted Anticancer Drug in Rats and Monkeys** *Kazutoshi Fujioka, Mehdi Rajabi, Weikun Li, Kavitha Godugu, Thangirala Sudha, Shaker A. Mousa, Albany College of Pharmacy and Health Sciences, Albany, NY*
- 24. Novel Nano-Targeting of Thyrointegrin $\alpha\beta 3$ Receptors for the Modulation of $\alpha\beta 3$ Expression in Different Cancer Cells and Tumors** *Kavitha Godugu, Thangirala Sudha, Dhruva J. Bharali, Shaker A. Mousa, Albany College of Pharmacy and Health Sciences, Albany, NY*

Pharmaceutical Industry and the Pharmacist's Role Project (Fall 2017 course at ACPHS)

- 25. Sulfur Hydroxy Acid Patch** *Needa Ahmed, Berry Carlos, Catie Canape, Zheng Hao, Azra Perwaz*
- 26. Temobetia in Glioblastoma** *Monica Arquette, Scarlett Cameron, Jacqueline Katz, Dorothy Liu, Breanna Pelski*
- 27. Dorsalat QMT (takynumab) Capital District Biologics** *Khush Asghar, Ben Bratek, Yeeun Kim, Jacob Leighton, Leonid Perederey*
- 28. Retin-Aide (eyeteplase 0.5%)** *Kaitlyn Duesler, Ciara Baisley, Victoria Fazio, Meghan Sullivan, Stephen Kim*
- 29. Drug Remodel: Bapineuzumab-Immunotherapy for Amyloid Plaque Build Up in Late Onset Alzheimer Patients** *Mohammed Iqbal, Lavinia Salama, Maomita Kundu, Brigitte Chiou, Michael Gadelkarim*
- 30. Codeine/Gabazine (Nomobuse)** *Nicolas James, Dmitri Aldershoff, Victoria Evolo, Florian Heukensfeldt-Jansen, Mit Gandhi*
- 31. Glutenforall and Celiac Disease** *Andriy Krasny, Sankar Shanmugam, Kaylee Peck, Hassan Matar, Chinomso Ogbonna*
- 32. Insulora – Oral Insulin** *Elizabeth Pastor, Matthew Daley, Richard Rinaldi, Jaehan Kim*