

August 10, 2018

## Interoffice Memorandum

The Following Grants/Contracts have been awarded during January - June, 2018:

|    | <u>Investigator</u>    | <u>Department</u>  | <u>Role</u> | <u>Proposal Title</u>  | <u>Sponsor</u>  | <u>Award</u> |
|----|------------------------|--------------------|-------------|--|---|--------------|
| 1  | Dr. Kim Adcock         | Pharmacy Practice  | PI          | Implementation of Outpatient Clinical Pharmacy Services  | UMMC/Cystic Fibrosis Foundation                           | \$ 67,691    |
| 2  | Dr. David Allen        | Office of the Dean | PI          | Walgreens Diversity Scholarship  | Walgreens   | \$ 8,000     |
| 3  | Dr. Bharathi Avula     | NCNPR              | PI          | Collaborative Analytics for Safer Supplements  | Henry M. Jackson Foundation/Uniformed Services University | \$ 225,713   |
| 4  | Dr. Bharathi Avula     | NCNPR              | PI          | Chemical Analysis of Herbal and Dietary Supplements (HDS); Identification of Candidate Hepatotoxins                    | Albert Einstein Healthcare Network/NIH                    | \$ 42,238    |
|    | Dr. Ikhlas Khan        |                    | Co-PI       |  |   |              |
| 5  | Dr. Amar Chittiboyina  | NCNPR              | PI          | Gram Quantities of Lipophilic Cytotoxics   | Romulus Titan LLC   | \$ 124,988   |
| 6  | Dr. Amar Chittiboyina  | NCNPR              | PI          | Roles of Hyaluronic Acid in Cancer Stem Cell Niche   | Wake Forest University/NIH                                | \$ 28,800    |
| 7  | Dr. Amar Chittiboyina  | NCNPR              | PI          | Denovo design and synthesis of selective kappa opioids   | National Academy of Sciences                              | \$ 41,325    |
| 8  | Dr. Pier Claudio       | NCNPR              | PI          | Investigation of ART207 in patientsâ€™ derived cancer cell lines and xenografts  | Romulus Titan LLC   | \$ 269,234   |
| 9  | Dr. Mahmoud ElSohly    | NCNPR              | PI          | Production, Analysis, and Distribution of Cannabis and Related Materials   | National Institute on Drug Abuse                          | \$ 1,626,069 |
|    | Dr. Mohamed Radwan     |                    | Co-PI       |  |   |              |
|    | Dr. Suman Chandra      |                    | Co-PI       |  |   |              |
| 10 | Dr. Mahmoud ElSohly    | NCNPR              | PI          | Production, Analysis, and Distribution of Cannabis and Related Materials (Option Quantity 1b: Cultivation of Cannabis) | National Institute on Drug Abuse                          | \$ 1,568,707 |
|    | Dr. Mohamed Radwan     |                    | Co-PI       |  |   |              |
|    | Dr. Suman Chandra      |                    | Co-PI       |  |   |              |
| 11 | Dr. Hoang Le           | BMS                | PI          | Development of Glutaminase and Isocitrate Dehydrogenase Inhibitors for Cancer  | AACP  | \$ 10,000    |
| 12 | Dr. Xing Cong Li       | NCNPR              | PI          | Characterization of Bioactive Constituents in Algal Biomass and Supernatant Products                                   | Private Biomedical Company                                | N/A          |
|    | Dr. Shabana Khan       |                    | Co-PI       |  |   |              |
| 13 | Dr. Soumyajit Majumdar | Pharmaceutics      | PI          | Evaluation and Inhibition of Efflux Pumps Expressed on the Blood Ocular Barrier  | NIH   | \$ 303,596   |
|    | Dr. Michael Repka      |                    | Co-PI       |  |   |              |
|    | Dr. John Rimoldi       |                    | Co-PI       |  |   |              |
| 14 | Dr. Soumyajit Majumdar | Pharmaceutics      | PI          | Evaluation and Inhibition of Efflux Pumps Expressed on the Blood Ocular Barrier  | NIH   | \$ 33,734    |
|    | Dr. Michael Repka      |                    | Co-PI       |  |   |              |
|    | Dr. John Rimoldi       |                    | Co-PI       |  |   |              |
| 15 | Dr. S.N. Murthy        | Pharmaceutics      | PI          | Development of Analytical Method and Skin Penetrability of Polymer   | Marine Polymer Technologies                               | \$ 19,000    |
| 16 | Dr. S.N. Murthy        | Pharmaceutics      | PI          | Dermal Penetration studies of hand sanitizer topical products  | Fitebac Skincare LLC                                      | \$ 30,000    |
| 17 | Dr. Nirmal Pugh        | NCNPR              | PI          | Characterization of Bioactive Constituents in Algal Biomass and Supernatant Products                                   | Private Biomedical Company                                | \$ 70,001    |

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|----|-------------------------------|-------------------------|-------|---|--|--------------|
| 18 | Dr. Nirmal Pugh               | NCNPR                   | PI    | UM/PSI MSA: Task Order PSI-13   | Phytochemical Services, Inc.                     | \$ 5,000     |
| 19 | Dr. Michael Repka             | Pharmaceutics           | PI    | Assessment and Development of Topical Products  | BASF SE  | \$ 50,000    |
|    | Dr. S.N. Murthy               |                         | Co-PI |   |  |              |
| 20 | Dr. John Rimoldi              | BMS                     | PI    | Truncated Analogs of Peumusolide A as Selective Inhibitors of Nuclear Export (SINE)   | American Foundation for Pharmaceutical Education | \$ 5,000     |
| 21 | Dr. Leigh Ann Ross            | Pharmacy Practice       | PI    | Connecting Communities to Care Collaborative  | MSDH/CDC   | \$ 525,527   |
|    | Dr. Lauren Bloodworth         |                         | Co-PI |   |  |              |
| 22 | Dr. Joshua Sharp              | BMS                     | PI    | Tailoring the Hydroxyl Radical Footprinting Approach to provide a Solution for the Higher Order Structural Analytical Needs of the Biopharmaceutical Industry | GenNext  | \$ 10,000    |
| 23 | Dr. Joshua Sharp              | BMS                     | PI    | Resource for Integrated Glycotechnology   | University of Georgia - Athens/NIH               | \$ 161,067   |
| 24 | Dr. Joshua Sharp              | BMS                     | PI    | Molecular Structure Determination by Mass Spectrometry and Computational Modeling   | NIH  | \$ 564,706   |
| 25 | Dr. David Cole Stevens        | BMS                     | PI    | Production of predation-associated antimicrobials from Cystobacterineae   | American Association of Colleges of Pharmacy     | \$ 10,000    |
| 26 | Dr. James Stewart             | BMS                     | PI    | RAP1a Mediates ECM Modeling by Intersecting AGE/RAGE Signaling in Type II Diabetes Mellitus   | U.S. Department of Defense                       | \$ 953,631   |
| 27 | Dr. Chalet Tan                | Pharmaceutics           | PI    | Novel arthraquinones induce apoptosis by disruption MDM2/MDM4 interactions  | Georgia State University/NIH                     | \$ 41,878    |
| 28 | Dr. Chalet Tan                | Pharmaceutics           | PI    | Nanodelivery of microRNA via exosomes for targeted cancer therapy   | American Foundation for Pharmaceutical Education | \$ 5,000     |
| 29 | Dr. Babu Tekwani              | NCNPR                   | PI    | Nano-carrier Formulations for Targeted Drug Delivery and Malaria Radical Cure   | NIH  | \$ 587,839   |
|    | Dr. Soumyajit Majumdar        |                         | Co-PI |   |  |              |
|    | Dr. Larry Walker              |                         | Co-PI |   |  |              |
| 30 | Dr. Larry Walker              | NCNPR                   | PI    | Molecular Bases for Antimalarial Drug Action: New Insights  | U.S. Department of Defense                       | \$ 2,220,000 |
|    | Dr. N.P. Dhammika Nanayakkara |                         | Co-PI |   |  |              |
| 31 | Dr. Kristine Willett          | BMS                     | PI    | Developmental Toxicity of Cannabidiol and DELTA9-Tetrahydrocannabinol   | NIH  | \$ 178,985   |
| 32 | Dr. Yi Yang                   | Pharmacy Administration | PI    | Long-term opioid use in older adults: prevalence and safety   | NIH  | \$ 443,046   |
|    | Dr. John Bentley              |                         | Co-PI |   |  |              |
|    | Dr. Sujith Ramachandran       |                         | Co-PI |   |  |              |