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## Research News. Grants, 2018. Volume 1

University of Mississippi. School of Pharmacy

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*University of Mississippi*

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## 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 patients' 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			