

CENTER FOR LUNG BIOLOGY

10/1/2021 TO 09/30/2022

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD		BUDGET AWARDS
UNIT: College of Medicine								
Center for Lung Biology								
Borchert,	Glen	ACHE	Graduate Research Scholars Program (GRSP) Awards (Round 17)	A22-0125-001	New	8/15/2022	8/14/2023	\$25,000
Borchert,	Glen	NSF	Long G4 regions (LG4s) in the human genome constitute functional enhancers that coordinate neighboring gene expressions	A22-0161-001	New	8/15/2022	7/31/2024	\$427,321
Borchert,	Glen	NSF	Salmonella sRNAs drive the decision between active stress resistance and persistent cell dormancy	A22-0168-001	New	8/15/2022	7/31/2025	\$318,036
Gillespie,	Mark	NIH	mtDNA damage and DAMPs in multiple organ dysfunction syndrome	A19-0136-004	Continuation	2/1/2022	1/31/2023	\$438,553
Gillespie,	Mark	NIH	University of South Alabama Translational Research Service Center	A19-0149-006	Continuation	5/1/2022	4/30/2023	\$193,978
Gillespie,	Mark	NIH	Deep South SARS-CoV-2 Recovery (DSR) Cohort	A21-0232-001	New	10/1/2021	5/23/2022	\$100,100
Langley,	Raymond	NIH	Metabolic Energy Crisis Signature Predicts Quality of Life in Survivors of Acute Respiratory Failure	A21-0113-002	Continuation	5/1/2022	4/30/2023	\$200,788
Lee,	Ji Young	NIH	Acidosis in pulmonary endothelial injury and repair	A21-0225-001	New	2/1/2022	1/31/2023	\$385,000
Lin,	Mike	NIH	Nosocomial pneumonias impair cognitive function	A22-0107-001	New	9/1/2022	8/31/2023	\$478,890
Rachek,	Lyudmila	BCRFA	Gene expression analysis in mouse breast cancer models with mitochondrial targeted TAT-hOGG1	A22-0031-001	New	1/1/2022	12/31/2022	\$35,000
Rich,	Thomas	NIH	G Protein-Coupled Receptor Regulation in Airway Myocytes	A19-0055-005	Continuation	1/1/2022	12/31/2022	\$103,950
Rich,	Thomas	AHA	Undergraduate Summer Research Experience at University of South Alabama	A22-0049-001	New	1/1/2022	12/31/2023	\$33,946
Rich,	Thomas	NIH	Probing Gq and arrestin mediated regulation of mechanical and chemical signals in human airway smooth muscle cells	A22-0065-002	New	5/1/2022	4/30/2023	\$50,740

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Richter,	Wito	CFF	Pseudomonas aeruginosa-derived noncanonical cyclic nucleotides as biomarkers and virulence factors in CF lung disease.	A22-0054-001	New	2/1/2022 1/31/2023	\$3,000
Richter,	Wito	CFF	PDE regulation of CFTR activity and bicarbonate secretion in mice.	A22-0066-001	New	2/1/2022 1/1/2023	\$3,000
Stevens,	Troy	NIH	Lung Endothelial Cell Phenotypes	A18-0133-005	Continuation	5/1/2022 4/30/2023	\$1,987,388
Stevens,	Troy	NIH	Lung Endothelial AB in infectious proteinopathy	A20-0146-003	Continuation	7/1/2022 6/30/2023	\$385,000
Taylor,	Mark	NIH	Network signature of low-flow endothelial dysfunction	A21-0197-002	Continuation	8/1/2022 7/31/2023	\$385,000
TOTAL FOR DEPARTMENT: Center for Lung Biology							\$5,554,690