

CENTER FOR LUNG BIOLOGY

10/1/2023 TO 09/30/2024

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: College of Medicine							
Center for Lung Biology							
Alexeyev,	Mikhail	NSF	Designer Mitochondria for Biotechnology, Healthcare, and Basic Research	A24-0194-001	New	8/1/2024 7/31/2028	\$999,996
Audia,	Jonathon	NIH	The amyloid precursor protein protects against acute lung injury	A23-0157-002	Continuation	8/1/2024 7/31/2025	\$192,500
Audia,	Jonathon	NIH	The Pseudomonas aeruginosa virulence factor ExoU activates pyroptosis	A24-0031-001	New	12/1/2023 10/31/2024	\$207,900
Audia,	Jonathon	NIH	The Pseudomonas aeruginosa virulence factor ExoU activates pyroptosis	A24-0031-003	Continuation	12/1/2023 10/31/2024	\$23,100
Gillespie,	Mark	NIH	University of South Alabama Translational Research Service Center	A19-0149-009	Continuation	5/1/2023 4/30/2024	\$1,848
Gillespie,	Mark	NIH	Deep South SARS-CoV-2 Recovery (DSR) Cohort	A21-0232-002	Continuation	5/24/2022 5/24/2024	\$115,500
Gillespie,	Mark	NIH	Mitochondrial DNA Injury is a key contributor to the development of Chemical Lung Injury	A22-0234-002	Continuation	3/1/2024 2/28/2025	\$198,998
Gillespie,	Mark	NIH	The mitochondrial genome in lung disease: a signaling hub linking the persistence and severity of inflammation to recovery	A24-0090-001	New	3/15/2024 2/28/2025	\$652,078
Gillespie,	Mark	NIH	The mitochondrial genome in lung disease: a signaling hub linking the persistence and severity of inflammation to recovery	A24-0090-002	Continuation	3/15/2024 2/28/2025	\$72,452
Gillespie,	Mark	NIH	1/6 - CTSA UM1 at the University of Alabama at Birmingham	A24-0115-001	New	5/1/2024 4/30/2025	\$369,103
Gillespie,	Mark	ATSRP	Regulation of Alternate Splicing In Hypoxic Pulmonary Vascular Cells	A24-0161-001	New	7/1/2024 6/30/2025	\$100,000
Langley,	Raymond	NIH	Addressing Inpatient Trial Design Translational Barriers through Refining Post-ICU Recovery Trajectories to Inform Hospital Re-Admissions	A24-0172-001	New	5/1/2024 4/30/2025	\$15,415
Lee,	Ji Young	NIH	Acidosis in pulmonary endothelial injury and repair	A21-0225-003	Continuation	2/1/2024 1/31/2025	\$385,000

CENTER FOR LUNG BIOLOGY

10/1/2023 TO 09/30/2024

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD		BUDGET AWARDS
Lin,	Mike	NIH	Nosocomial pneumonias impair cognitive function	A22-0107-003	Continuation	9/1/2024	8/31/2025	\$453,573
Lin,	Mike	NIH	Nosocomial pneumonias impair cognitive function	A24-0216-001	New	9/1/2024	8/31/2025	\$384,949
Meegan,	Jamie	NIH	Cell-free hemoglobin-oxidized LDL-LOX-1 axis and microvascular hyperpermeability during sepsis	A24-0218-001	New	8/1/2024	7/31/2025	\$249,000
Meegan,	Jamie	PBF	Oxidation of LDL by CFH and lung microvascular hyperpermeability during sepsis	A24-0222-001	New	9/1/2024	6/30/2025	\$20,000
Nelson,	Amy	NIH	Nosocomial pneumonia impairs the cerebrovasculature	A24-0134-001	New	5/16/2024	4/30/2025	\$546,966
Nelson,	Amy	NIH	Pneumonia-induced microglial activation causes blood-brain barrier breakdown, astrocyte activation, and tau pathology	A24-0209-001	New	9/1/2024	8/31/2025	\$33,974
Rich,	Thomas	AHA	Undergraduate Summer Research Experience at University of South Alabama	A22-0049-003	Continuation	1/1/2024	12/31/2024	\$33,946
Rich,	Thomas	NIH	Probing Gq and arrestin mediated regulation of mechanical and chemical signals in human airway smooth muscle cells	A22-0065-003	Continuation	5/1/2023	4/30/2024	\$4,742
Rich,	Thomas	NIH	PM2.5 and P. Aeruginosa synergistically triggers increased permeability in the lung	A23-0114-002	Continuation	7/1/2021	4/30/2024	\$0
Rich,	Thomas	NIH	Compartmentalized signaling and crosstalk in airway myocytes	A23-0132-002	Continuation	7/1/2024	6/30/2025	\$543,494
Rich,	Thomas	NSF	MRI: Track 1# Acquisition of a Light Sheet Microscope	A24-0195-001	New	9/1/2024	8/31/2027	\$476,440
Richter,	Wito	CFF	Selective inactivation of PDE4 isoforms as a Therapeutic Approach for Cystic Fibrosis.	A23-0079-002	Continuation	5/1/2024	4/30/2025	\$76,000
Stevens,	Troy	NIH	Soluble adenylyl cyclases in lung endothelial tauopathy	A23-0065-002	Continuation	3/1/2024	2/28/2025	\$434,270
Stevens,	Troy	NIH	Soluble adenylyl cyclases in lung endothelial tauopathy	A23-0065-003	Continuation	3/1/2024	2/28/2025	\$38,601

CENTER FOR LUNG BIOLOGY

10/1/2023 TO 09/30/2024

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
Taylor,	Mark	NIH	Network signature of low-flow endothelial dysfunction	A21-0197-004	Continuation	8/1/2024 7/31/2025	\$385,000

TOTAL FOR DEPARTMENT: Center for Lung Biology

\$7,014,845