

CENTER FOR LUNG BIOLOGY
10/1/2024 TO 09/30/2025

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD		BUDGET AWARDS
UNIT: College of Medicine								
Center for Lung Biology								
Audia,	Jonathon	NIH	The Pseudomonas aeruginosa virulence factor ExoU activates pyroptosis	A24-0031-002	Continuation	11/1/2024	10/31/2025	\$192,500
Gillespie,	Mark	NIH	Deep South SARS-CoV-2 Recovery (DSR) Cohort	A21-0232-003	Continuation	5/23/2024	5/24/2025	\$46,200
Gillespie,	Mark	NIH	Deep South SARS-CoV-2 Recovery (DSR) Cohort	A21-0232-004	Continuation	5/24/2025	5/23/2026	\$79,310
Gillespie,	Mark	NIH	Mitochondrial DNA Injury is a key contributor to the development of Chemical Lung Injury	A22-0234-003	Continuation	3/20/2023	2/28/2025	\$17,689
Gillespie,	Mark	NIH	Mitochondrial DNA Injury is a key contributor to the development of Chemical Lung Injury	A22-0234-004	Continuation	3/1/2025	2/28/2026	\$198,998
Gillespie,	Mark	NIH	Mitochondrial DNA Injury is a key contributor to the development of Chemical Lung Injury	A22-0234-005	Continuation	3/20/2023	2/28/2026	\$22,111
Gillespie,	Mark	NIH	The mitochondrial genome in lung disease: a signaling hub linking the persistence and severity of inflammation to recovery	A24-0090-003	Continuation	3/1/2025	2/28/2026	\$652,078
Gillespie,	Mark	NIH	The mitochondrial genome in lung disease: a signaling hub linking the persistence and severity of inflammation to recovery	A24-0090-004	Continuation	3/1/2025	2/28/2026	\$72,452
Gillespie,	Mark	NIH	1/6 - CTSA UM1 at the University of Alabama at Birmingham	A24-0115-002	Continuation	5/1/2025	4/30/2026	\$369,103
Gillespie,	Mark	NIH	A novel mechanism regulating genome-wide mRNA expression in hypoxic lung disease	A25-0095-001	New	5/1/2025	2/28/2026	\$605,678
Leavesley,	Silas	NIH	The Canary in the Colo-mine: Uncovering a Cancer-related Spectral Signature	A25-0131-001	New	7/1/2025	6/30/2026	\$54,303
Lee,	Ji Young	NIH	Acidosis in pulmonary endothelial injury and repair	A21-0225-004	Continuation	2/1/2025	1/31/2026	\$385,000
Lin,	Mike	NIH	Nosocomial pneumonias impair cognitive function	A22-0107-004	Continuation	9/1/2025	8/31/2026	\$461,490

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	Meegan,	Jamie	NIH	Cell-free hemoglobin-oxidized LDL-LOX-1 axis and microvascular hyperpermeability during sepsis	A24-0218-002	New	8/1/2024	8/31/2025	\$7,703
	Meegan,	Jamie	NIH	Cell-free hemoglobin-oxidized LDL-LOX-1 axis and microvascular hyperpermeability during sepsis	A24-0218-003	Continuation	8/1/2025	7/31/2026	\$249,000
	Nelson,	Amy	NIH	Nosocomial pneumonia impairs the cerebrovasculature	A24-0134-002	Continuation	5/16/2024	4/30/2025	\$137,560
	Rich,	Thomas	HHMI	PM2.5 and P. Aeruginosa synergistically triggers increased permeability in the lung	A23-0121-002	Supplement	9/1/2024	8/31/2026	\$14,000
	Rich,	Thomas	NIH	Compartmentalized signaling and crosstalk in airway myocytes	A23-0132-003	Continuation	7/1/2025	6/30/2026	\$554,585
	Richter,	Wito	CFF	Selective inactivation of PDE4 isoforms as a Therapeutic Approach for Cystic Fibrosis.	A23-0079-004	Continuation	5/1/2025	4/30/2026	\$77,000
	Roberts,	Justin		Epitranscriptomic Profiling of m6A and Inosine RNA Modifications in Sepsis and Acute Respiratory Failure	A25-0184-001	New	7/14/2025	1/15/2026	\$8,140
	Stevens,	Troy	NIH	Soluble adenylyl cyclases in lung endothelial tauopathy	A23-0065-004	Continuation	3/1/2025	2/28/2026	\$433,597
	Stevens,	Troy	NIH	Soluble adenylyl cyclases in lung endothelial tauopathy	A23-0065-005	Continuation	3/1/2025	2/28/2026	\$48,177
	Stevens,	Troy	NIH	Pulmonary Artery Endothelial Cell Endotypes and the Role of Anoikis Resistance in Pulmonary Hypertension	A25-0081-001	New	3/1/2025	12/31/2025	\$121,946
TOTAL FOR DEPARTMENT: Center for Lung Biology									\$4,808,620