CENTER FOR LUNG BIOLOGY

10/1/2022 TO 09/30/2023

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 amyloid precursor protein protects against acute lung injury	A23-0157-001	New	8/11/2023	7/31/2024	$231,000
Borchert,	Glen	NSF	Salmonella sRNAs drive the decision betw een active stress resistance and persister cell dormancy	A22-0168-002	Continuation	6/21/2023	7/31/2025	$318,036
Borchert,	Glen	NSF	Salmonella sRNAs drive the decision betw een active stress resistance and persister cell dormancy	A22-0168-003	Continuation	8/15/2022	7/31/2025	$362,583
Borchert,	Glen	NSF	Collaborative Research: D2R2 Ideas Lab: The Role of Extracellular RNA in Intercellular and Interkingdom Communication	A23-0060-001	New	3/1/2023	2/28/2027	$796,460
Gillespie,	Mark	NIH	University of South Alabama Translational Research Service Center	A19-0149-007	Continuation	5/6/2019	4/30/2023	$3,234
Gillespie,	Mark	NIH	University of South Alabama Translational Research Service Center	A19-0149-008	Continuation	5/1/2023	4/30/2024	$193,978
Gillespie,	Mark	AHA	Oxidative Mitochondrial DNA Damage in the Propagation of Ischemia-Reperfusion Injury and its Long-term Consequences	A21-0114-002	Continuation	4/1/2022	3/31/2023	$31,520
Gillespie,	Mark	NIH	Mitigation of Chlorine Injury to Mitochondria	A21-0204-002	Continuation	9/1/2022	8/31/2023	$15,000
Gillespie,	Mark	NIH	Mitochondrial DNA Injury is a key contributor to the development of Chemical Lung Injury	A22-0234-001	New	3/20/2023	2/29/2024	$221,109
Langley,	Raymond	NIH	Transcriptomic Endotypes in ARDS, Pneumonia and Sepsis via Liquid Biopsy	A23-0113-001	New	6/1/2023	4/30/2024	$51,596
Lee,	Ji Young	NIH	Acidosis in pulmonary endothelial injury and repair	A21-0225-002	Continuation	2/1/2023	1/31/2024	$385,000
Lee,	Ji Young	AHA	Carbonic Anhydrase IX Acts as a Novel CO2/HCO3- Sensor and Protects the Pulmonary Endothelial Barrier from Acidosis	A23-0031-001	New	1/1/2023	3/31/2023	$65,106
Lee,	Ji Young	NIH	Carbonic Anhydrase IX Acts as a Novel CO2/HCO3- Sensor and Protects the Pulmonary Endothelial Barrier from Acidosis	A23-0122-001	New	5/1/2023	4/30/2024	$31,694

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DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD		BUDGET AWARDS
Lin,	Mike	NIH	Nosocomial pneumonias impair cognitive function	A22-0107-002	Continuation	9/1/2023	8/31/2024	$464,129
Rich,	Thomas	AHA	Undergraduate Summer Research Experience at University of South Alabama	A22-0049-002	Continuation	1/1/2023	12/31/2023	$33,946
Rich,	Thomas	NIH	PM2.5 and P. Aeruginosa synergistically triggers increased permeability in the lung	A23-0114-001	New	7/1/2023	4/30/2024	$51,596
Rich,	Thomas	HHMI	PM2.5 and P. Aeruginosa synergistically triggers increased permeability in the lung	A23-0121-001	New	9/1/2023	8/31/2026	$159,000
Rich,	Thomas	NIH	Compartmentalized signaling and crosstalk in airw ay myocytes	A23-0132-001	New	7/1/2023	6/30/2024	$581,585
Richter,	Wito	CFF	Selective inactivation of PDE4 isoforms as a Therapeutic Approach for Cystic Fibrosis.	A23-0079-001	New	5/1/2023	4/30/2024	$75,000
Shea,	Allyson	NIH	The role of Amyloid-Beta in pyelonephritis and urosepsis	A23-0111-001	New	7/1/2023	6/30/2024	$96,451
Stevens,	Troy	NIH	Lung Endothelial AB in infectious proteinopathy	A20-0146-004	Continuation	7/1/2023	6/30/2024	$385,000
Stevens,	Troy	NIH	Soluble adenylyl cyclases in lung endothelial tauopathy	A23-0065-001	New	3/20/2023	2/29/2024	$496,752
Taylor,	Mark	NIH	Netw ork signature of low -flow endothelial dysfunction	A21-0197-003	Continuation	8/1/2023	7/31/2024	$385,000
				TOTAL FOR DEPARTMENT: Center for Lung Biology				**$5,434,775**