

CENTER FOR LUNG BIOLOGY

10/1/2019 TO 09/30/2020

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD		BUDGET AWARDS
UNIT: College of Medicine								
Center for Lung Biology								
Bauer,	Natalie	NIH	Circulating microparticle effects on phenotypically distinct pulmonary endothelium	A18-0006-004	Continuation	6/1/2020	5/31/2021	\$378,750
Borchert,	Glen	NSF	RAPID: Exosomal tRNA fragments constitute an innate viral defense	A20-0103-001	New	5/15/2020	4/30/2021	\$199,810
Borchert,	Glen	NIH	Effect of SARS-CoV-2 proteins on Airway Mucous Response and Associated lncRNAs	A20-0132-001	New	5/26/2020	4/30/2021	\$21,997
Gillespie,	Mark	NIH	MtDNA repair: An isolated pharmacologic target in acute lung injury	A18-0154-003	Continuation	7/1/2020	6/30/2021	\$418,430
Gillespie,	Mark	NIH	mtDNA damage and DAMPs in multiple organ dysfunction syndrome	A19-0136-002	Continuation	2/1/2020	1/31/2021	\$438,552
Gillespie,	Mark	NIH	University of South Alabama Translational Research Service Center	A19-0149-003	Supplement	5/19/2019	4/30/2020	\$75,016
Gillespie,	Mark	NIH	University of South Alabama Translational Research Service Center	A19-0149-004	Continuation	5/1/2020	4/30/2021	\$193,637
Gillespie,	Mark	NIH	USA CCTS Fee for Service Agreement to Fund Voucher Awards	A19-0198-002	Supplement	1/1/2016	3/31/2021	\$15,000
Langley,	Raymond	NIH	Novel Long noncoding RNAs in the airway mucous response	A19-0172-001	New	5/14/2019	4/30/2021	\$69,999
Langley,	Raymond	NIH	Metabolic Energy Crisis Signature Predict Quality of Life in Survivors of Acute Respiratory Failure	A20-0058-001	New	2/1/2020	4/30/2020	\$25,137
Langley,	Raymond	NIH	Metabolic Energy Crisis Signature Predict Quality of Life in Survivors of Acute Respiratory Failure	A20-0058-002	Continuation	5/1/2020	4/30/2021	\$142,128
Lin,	Mike	NIH	Nosocomial pneumonias impair cognitive function	A18-0094-003	Continuation	4/1/2020	3/31/2021	\$441,118
Rich,	Thomas	NIH	Functional Diversity of Compartmentalized Calcium Signaling in Airway Smooth Muscle	A17-0214-003	Continuation	12/1/2019	11/30/2020	\$140,333

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Rich,	Thomas	NIH	Functional Diversity of Compartmentalized Calcium Signaling in Airway Smooth Muscle	A17-0214-004	Supplement	12/1/2019	11/30/2020	\$7,386
Rich,	Thomas	NIH	G Protein-Coupled Receptor Regulation in Airway Myocytes	A19-0055-002	Continuation	1/1/2020	12/31/2020	\$109,725
Rich,	Thomas	NIH	G Protein-Coupled Receptor Regulation in Airway Myocytes	A19-0055-003	Supplement	1/1/2020	12/31/2020	\$5,775
Rich,	Thomas	NIH	Zeiss LSM 980 Airyscan confocal microscope	A20-0143-001	New	6/15/2020	6/14/2021	\$600,000
Richter,	Wito	NIH	Regulation of phosphodiesterases and cAMP signaling during the host-pathogen interaction in the pulmonary endothelium	A18-0062-003	Continuation	4/1/2020	3/31/2021	\$378,246
Richter,	Wito	CFF	Inactivation of PDE4B protects from P.aeruginosa-induced lung injury	A20-0029-001	New	10/1/2019	9/30/2020	\$3,000
Stevens,	Troy	NIH	Lung Endothelial Cell Phenotypes	A18-0133-003	Continuation	5/1/2020	4/30/2021	\$1,987,388
Stevens,	Troy	NIH	TRPC4-dependent cytosolic Ca ²⁺ signals coordinate interendothelial contractile forces that elicit gap formation.	A18-0187-003	Continuation	9/1/2020	8/31/2021	\$69,306
Stevens,	Troy	NIH	Cytotoxic Lung Endothelial Amyloids	A19-0174-002	Continuation	9/1/2020	8/31/2021	\$29,520
Stevens,	Troy	NIH	Soluble adenylyl cyclases in pulmonary endothelial permeability	A20-0134-001	New	3/15/2020	4/30/2020	\$9,240
Stevens,	Troy	NIH	Soluble adenylyl cyclases in pulmonary endothelial permeability	A20-0134-002	Continuation	5/1/2020	4/30/2021	\$52,360
Stevens,	Troy	NIH	Lung Endothelial AB in infectious proteinopathy	A20-0146-001	New	7/1/2020	6/30/2021	\$385,000
TOTAL FOR DEPARTMENT: Center for Lung Biology								\$6,196,853