

Commonwealth Health Research Board (CHRB)

FY 2020/2021 CHRB Grant Awards

Year 2 of a two-year grant award

Principal Investigator	Institution/ Organization	Grant Award	Recipient Matching \$	Total Project Funds	Grant Title
Farrokh Alemi, Ph.D.,	George Mason University	\$78,382	\$44,039	\$122,421	Optimizing Antidepressant Selection through Artificial Intelligence
Bahareh Behkam, Ph.D.,	Virginia Polytechnic Institute & State University	\$100,000	\$60,000	\$160,000	Mechanobiology of Implant Infection: Effect of Surface Roughness on the Attachment Density and Phenotype of Adherent <i>Staphylococcus aureus</i>
Matthew Buczynski, Ph.D.	Virginia Polytechnic Institute & State University	\$100,000	\$60,000	\$160,000	Evaluation of a 12/15-LM receptor as a target for Non-Opioid Pain Therapeutics
Paul Fisher, MPhil, Ph.D.,	Virginia Commonwealth University	\$100,000	\$99,785	\$199,785	Rational Design of Cancer Invasion and Metastasis Inhibitors
Brent French, Ph.D.	University of Virginia	\$100,000	\$33,000	\$133,000	Bioengineering of Cardiac Regeneration In Situ after Myocardial Infarction
Aurora Esquela Kerscher, Ph.D.,	Eastern Virginia Medical School	\$100,000	\$50,000	\$150,000	Molecular dissection of a microRNA cluster network of aggressiveness
Kyle Lampe, Ph.D.,	University of Virginia	\$100,000	\$33,000	\$133,000	Self-assembling, shear-thinning peptide hydrogels to support cell transplantation and host cell interaction after ischemic stroke
James Landers, Ph.D.	University of Virginia	\$100,000	\$33,000	\$133,000	Diagnostic Assay for On-Site Detection of <i>Bordetella pertussis</i>
Nagaraja Nagre, Ph.D.	Eastern Virginia Medical School	\$100,000	\$50,000	\$150,000	Exploring the potential role of cannabinoid receptor type-2 activation in protection against bacterial pneumonia-induced lung injury
Swati Palit Deb, Ph.D.	Virginia Commonwealth University	\$99,940	\$33,000	\$132,940	Targeting mutant p53-dependent checkpoints of genome duplication in lung cancer
Bhaumik Patel, M.D.	McGuire Research Institute	\$100,000	\$33,000	\$133,000	Development of a Selective Non-Saccharide Glycosaminoglycan Mimetic for Colon Cancer
Alicia Pickrell, Ph.D.,	Virginia Polytechnic Institute & State University	\$100,000	\$60,000	\$160,000	STING-dependent Type I Interferon Response in TBI
Jason Reed, Ph.D.	Virginia Commonwealth University	\$100,000	\$33,000	\$133,000	A new approach for detecting IGH translocations in hematologic malignancies
Steven Shell, Ph.D.,	University of Virginia's College at Wise	\$38,745	\$12,786	\$51,531	Mass Spectrometry Analysis of the Human XPA-XPC Complex
Martin Wu, Ph.D.	University of Virginia	\$100,000	\$33,000	\$133,000	Are persister cells culprits of recurrent <i>Clostridium difficile</i> infections?
Chongzhi Zang, Ph.D.,	University of Virginia	\$100,000	\$33,000	\$133,000	Aberrant CTCF binding as an epigenetic signature of cancer
		\$1,517,067	\$700,610	\$2,217,677	