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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Investigator | Inst No. | Sponsor | Award Number | Direct Awarded | Indirect Awarded | Total Awarded | Title |  |  |
| Boyd, Gwendolyn L | 000345473 | International Retinal Research Foundation, Inc. |   | 1,000 | 0 | 1,000 | The Relative Prevalence and Severity of Autonomic Nervous System Dysfunction in Diabetic Patients Undergoing Retinal Surgery. |  |  |
| Boyd, Gwendolyn L | 000403760 | Foundation for Anesthesia Education & Research |   | 2,000 | 0 | 2,000 | Medical Student Anesthesia Research Fellowship |  |  |
| Boyd, Gwendolyn L | 000428015 | Foundation for Anesthesia Education & Research |   | 2,000 | 0 | 2,000 | Medical Student Anesthesia Research Fellowship |  |  |
| Boyd, Gwendolyn L | 000503510 | Foundation for Anesthesia Education & Research |   | 4,200 | 0 | 4,200 | Medical Student Anesthesia Research Fellowship Program |  |  |
| Creighton, Judy  | 000424099 | National Heart, Lung, and Blood Institute/NIH/DHHS | R03HL110803 | 97,600 | 45,384 | 142,984 | Impaired AMPK Activity Contributes to Vascular Pathogenesis Associated with PH |  |  |
| Creighton, Judy  | 000394040 | National Heart, Lung, and Blood Institute/NIH/DHHS | R01HL102296 | 786,496 | 365,721 | 1,152,217 | AMPK Activates Calcium Signaling Necessary for Endothelial Barrier Repair |  |  |
| Froelich, Michael A. | 000265261 | National Center for Research Resources/NIH/DHHS | 5K23RR021874 | 275,405 | 22,032 | 297,437 | The Effect of Sedation on Pain Perception |  |  |
| Froelich, Michael A. | 000276768 | AMERICAN SOCIETY OF REGIONAL ANESTHESIA AND PAIN MEDICINE |   | 0 | 0 | 0 | Brain Mapping of the Effect of Intravenous Lidocaine on Cold Allodynia |  |  |
| Gayeski, Thomas Edward | 000394589 | Cardinal Health |   | 25,000 | 0 | 25,000 | Perioperative Patient Throughput |  |  |
| Lancaster, Jack R | 000338880 | National Cancer Institute/NIH/DHHS | R01CA131653 | 1,037,171 | 445,835 | 1,483,006 | Biological Chemistry of Reactive Nitrogen Species Signaling in Cancer Etiology |  |  |
| Matalon, Sadis  | 000322276 | National Institute of Environmental Health Sciences/NIH/DHHS | 3U54ES017218 | 1,907,210 | 567,619 | 2,474,829 | Novel Treatments of Chlorine Induced Injury to the Cardio-Respiratory Systems |  |  |
| Matalon, Sadis  | 000277411 | National Institute of Environmental Health Sciences/NIH/DHHS | 3U01ES015676 | 1,051,883 | 467,034 | 1,518,917 | Prevention and Treatment of Chlorine Gas Induced Injury to the Pulmonary System |  |  |
| Matalon, Sadis  | 000357061 | National Heart, Lung, and Blood Institute/NIH/DHHS | R01HL031197 | 1,097,499 | 438,792 | 1,536,291 | Mechanisms of ENaC Inhibition by Replicating Influenza Virus: Role of M2 Protein |  |  |
| Matalon, Sadis  | 000364711 | Department of Commerce | NA09OAR4170199 | 469,140 | 213,160 | 682,300 | Nanoparticle Induced Injury to Adult and Developing Lungs |  |  |
| Matalon, Sadis  | 000397649 | Yale University | M12A11218 (A08321) | 82,092 | 38,173 | 120,265 | Targeting Injury Pathways to Counteract Pulmonary Agent and Vesicant Toxicity |  |  |
| Matalon, Sadis  | 000431772 | Yale University | M13A11525 (A09055) | 80,000 | 37,200 | 117,200 | Accelerating Inflammation Resolution to CounterACT Chemical Injury |  |  |
| Matalon, Sadis  | 000501695 | GlaxoSmithKline |   | 46,817 | 21,770 | 68,587 | Post Exposure Mitigation and Repair of Lung and Systemic Cl2 Induced Injury by Novel TRPV4 Inhibitors |  |  |
| Matalon, Sadis  | 000502250 | National Institute of Neurological Disorders and Stroke/NIH/DHHS | R21ES024027 | 250,000 | 117,500 | 367,500 | Mitochondrial Bioenergetic Dysfunction and Chlorine Toxicity |  |  |
| Ness, Timothy J | 000432188 | National Institute of Environmental Health Sciences/NIH/DHHS | R21ES022876 | 500,000 | 233,645 | 733,645 | Finding Effective Treatments for Inhaled Chlorine-Induced Injury Related Pain |  |  |
| Ness, Timothy J | 000420860 | MEDTRONIC, INC. | A 10055662/GG | 111,945 | 52,055 | 164,000 | Effects of Spinal Nerve Stimulation on Bladder Pain Reflex Responses in the Rat |  |  |
| Ness, Timothy J | 000424549 | VERTEX PHARMACEUTICALS, INC. | 94372\_7 | 14,802 | 6,883 | 21,685 | Effects of V-11-16438 on Bladder Pain Reflex Responses in the Rat |  |  |
| Ness, Timothy J | 000325101 | Washington University | WU | 640,357 | 287,844 | 928,201 | Sensory Processing in Subjects with Painful Bladder Syndrome |  |  |
| Ness, Timothy J | 000392970 | National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS | R01DK051413 | 444,750 | 206,809 | 651,559 | Quantitative Studies of Urinary Bladder Sensation |  |  |
| Pittet, Jean-Francois  | 000390899 | University of California, San Francisco | 6035SC | 38,637 | 17,966 | 56,603 | TLR2 in Sepsis-Induced Coagulopathy, Endothelial Leak, and Pulmonary Dysfunction |  |  |
| Pittet, Jean-Francois  | 000392532 | National Institute of General Medical Sciences/NIH/DHHS | 7R01GM062188 | 161,753 | 75,215 | 236,968 | Heat Shock and Lung Fluid Balance |  |  |
| Pittet, Jean-Francois  | 000384083 | National Institute of General Medical Sciences/NIH/DHHS | R01GM086416 | 818,274 | 380,497 | 1,198,771 | Coagulation Abnormalities and Post-Traumatic Ventilator-Associated Pneumonia |  |  |
| Pittet, Jean-Francois  | 000401702 | NATIONAL TRAUMA INSTITUTE | NTI-NCH-10-013 | 272,727 | 27,273 | 300,000 | Effect of Antioxidant Vitamins on Coagulopathy and Nosocomial Pneumonia After Severe Trauma |  |  |
| Pittet, Jean-Francois  | 000395388 | University of California, San Francisco | 444955/23135 | 222,628 | 103,522 | 326,150 | Mechanisms of Coagulation Abnormalities and Trauma |  |  |
| Pittet, Jean-Francois  | 000502498 | Foundation for Anesthesia Education & Research |   | 75,000 | 0 | 75,000 | PDE4 and IL-8-Dependent Inhibition of cAMP-Stimulated Alveolar Fluid Clearance |  |  |
| Robbins, Meredith T. | 000502585 | National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS | R01DK100904 | 225,000 | 104,625 | 329,625 | Serotonin in Stress Induced Bladder Hypersensitivity |  |  |
| Robbins, Meredith T. | 000389842 | DOD - ARMY MEDICAL RESEARCH ACQUISITION ACTIVITY | W81XWH | 189,034 | 87,900 | 276,934 | Intranasal Oxytocin for the Treatment of Pain Associated with Interstitial Cystitis |  |  |
| Robbins, Meredith T. | 000375982 | National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS | R00DK080981 | 501,996 | 229,150 | 731,146 | Stress-Induced Bladder Hyperalgesia: A Potential Mediator |  |  |
| Sheth, Michael  | 000413693 | BOSTON SCIENTIFIC CORPORATION |   | 675 | 175 | 850 | Cornerstone SCS Physician Workshop for Pain Management Providers |  |  |
| Wagener, Brant | 000502498 | Foundation for Anesthesia Education & Research |  |

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 | PDE4 and IL-8-Dependent Inhibition of cAMP-Stimulated Alveolar Fluid Clearance |  |  |
| Wesselmann, Ursula I. | 000321196 | National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS | 7R01DK066641 | 0 | 0 | 0 | Pain and Interstitial Cystitis |  |  |
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| Total: $14,680,353.00 |  |
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