

SUPPLEMENTARY TABLE. Studies Included in Analyses Utilizing Department of War Serum Repository Samples, with Categories Assigned, 2013–2024

Title	Journal, Book or Database	Publication Year	Category
Introduction to Department of Defense Research on Burn Pits, Biomarkers, and Health Outcomes Related to Deployment in Iraq and Afghanistan	<i>Journal of Occupational and Environmental Medicine</i>	2016	Burn pit
Immune Responses in U.S. Military Personnel Who Received Meningococcal Conjugate Vaccine (MenACWY) Concomitantly with Other Vaccines Were Higher than in Personnel Who Received MenACWY Alone	<i>Clinical and Vaccine Immunology</i>	2016	Vaccine-induced immunity
Anti-Myeloperoxidase Antibodies Associate with Future Proliferative Lupus Nephritis	<i>Autoimmune Diseases</i>	2017	Auto-immune disorder or disease
Elevated Serum Levels of sCD30 and IL6 and Detectable IL10 Precede Classical Hodgkin Lymphoma Diagnosis	<i>Cancer Epidemiology, Biomarkers & Prevention</i>	2017	Neoplasm
Dengue Virus Exposures Among Deployed U.S. Military Personnel	<i>American Journal of Tropical Medicine and Hygiene</i>	2017	Infectious diseases
Thyroid-Stimulating Hormone, Thyroid Hormones, and Risk of Papillary Thyroid Cancer: A Nested Case-Control Study	<i>Cancer Epidemiology, Biomarkers & Prevention</i>	2017	Neoplasm
Serially Measured Pre-Diagnostic Levels of Serum Cytokines and Risk of Brain Cancer in Active Component Military Personnel	<i>British Journal of Cancer</i>	2018	Neoplasm
Combination of Anti-Citrullinated Protein Antibodies and Rheumatoid Factor Is Associated with Increased Systemic Inflammatory Mediators and More Rapid Progression from Preclinical to Clinical Rheumatoid Arthritis	<i>Clinical Immunology (Orlando)</i>	2018	Auto-immune disorder or disease
25-Hydroxyvitamin D, Influenza Vaccine Response and Healthcare Encounters Among a Young Adult Population	<i>PLoS One</i>	2018	Vaccine-induced immunity
Asymptomatic Visceral <i>Leishmania infantum</i> Infection in US Soldiers Deployed to Iraq	<i>Clinical Infectious Diseases</i>	2018	Infectious diseases
Metabolome-wide Association Study of Deployment to Balad, Iraq or Bagram, Afghanistan	<i>Journal of Occupational and Environmental Medicine</i>	2019	Deployment exposures
Use of Biomarkers to Assess Environmental Exposures and Health Outcomes in Deployed Troops	<i>Journal of Occupational and Environmental Medicine</i>	2019	Burn pit
Mumps Outbreak and MMR IgG Surveillance as a Predictor for Immunity in Military Trainees	<i>Vaccine</i>	2019	Infectious diseases
Autoantibodies are Present Before the Clinical Diagnosis of Systemic Sclerosis	<i>PLoS One</i>	2019	Auto-immune disorder or disease
Cohort Profile of the Proteomic Evaluation and Discovery in an IBD Cohort of Tri-Service Subjects (PREDICTS) Study: Rationale, Organization, Design, and Baseline Characteristics	<i>Contemporary Clinical Trials Communications</i>	2019	Non-specific
Machine Learning Approach for Predicting Past Environmental Exposures From Molecular Profiling of Post-Exposure Human Serum Samples	<i>Journal of Occupational and Environmental Medicine</i>	2019	Non-specific
Integrative Network Analysis Linking Clinical Outcomes with Environmental Exposures and Molecular Variations in Service Personnel Deployed to Balad and Bagram	<i>Journal of Occupational and Environmental Medicine</i>	2019	Non-specific
Neutralizing and Neuraminidase Antibodies Correlate with Protection Against Influenza During a Late Season A/H3N2 Outbreak Among Unvaccinated Military Recruits	<i>Clinical Infectious Diseases</i>	2019	Vaccine-induced immunity
Detection of Head and Neck Cancer Based on Longitudinal Changes in Serum Protein Abundance	<i>Cancer Epidemiology, Biomarkers & Prevention</i>	2020	Neoplasm
Timing of Elevations of Autoantibody Isotypes Prior to Diagnosis of Rheumatoid Arthritis	<i>Arthritis & Rheumatology</i>	2020	Auto-immune disorder or disease
Detection of PLA2R Autoantibodies Before the Diagnosis of Membranous Nephropathy	<i>Journal of the American Society of Nephrology</i>	2020	Auto-immune disorder or disease
Serum Neurofilament Light Chain Levels in Patients with Presymptomatic Multiple Sclerosis	<i>JAMA Neurology</i>	2020	Auto-immune disorder or disease
Polybrominated Diphenyl Ethers, Polybrominated Biphenyls, and Risk of Papillary Thyroid Cancer: A Nested Case-Control Study	<i>American Journal of Epidemiology</i>	2020	Neoplasm
Blast Traumatic Brain Injury and Serum Inflammatory Cytokines: A Repeated Measures Case-Control Study Among U.S. Military Service Members	<i>Journal of Neuroinflammation</i>	2020	Physical Injury