

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
Organochlorine Pesticides and Risk of Papillary Thyroid Cancer in U.S. Military Personnel: A Nested Case-Control Study	<i>Environmental Health</i>	2024	Neoplasm
Multi-Autoantibody Testing Identifies Expansion of Reactivity to Targeted Antigens Before a Diagnosis of Rheumatoid Arthritis	<i>ACR Open Rheumatology</i>	2024	Auto-immune disorder or disease
Incidence of Alpha-Gal IgE Sensitization in 3000 Military Personnel, Assessing Sex, Race, Installation, and Occupational Impacts	<i>Journal of Clinical Medicine</i>	2024	Infectious diseases
Smoking and Multiple Sclerosis Risk in Black People: A Nested Case-Control Study	<i>Multiple Sclerosis and Related Disorders</i>	2024	Auto-immune disorder or disease
Changes in the Seroprevalence of Tick-Borne Rickettsia and Ehrlichia Among Soldiers: Fort Liberty, North Carolina, 1991–2019	<i>Journal of Infectious Diseases</i>	2024	Infectious diseases
Identifying a Level of Neutralizing Antibody that Correlates with Protection from Clinical Mumps Disease During a 2017 Mumps Outbreak Among Military Service Members	<i>Open Forum Infectious Diseases</i>	2024	Infectious diseases
Development of Automated Microfluidic Immunoassays for the Detection of SARS-CoV-2 Antibodies and Antigen	<i>Journal of Immunological Methods</i>	2024	Infectious diseases
Serum Concentrations of Persistent Endocrine-Disrupting Chemicals in U.S. Military Personnel: A Comparison by Race/Ethnicity and Sex	<i>International Journal of Hygiene and Environmental Health</i>	2025	Chronic metabolic
Serum Proteomic Signatures Before the Diagnosis of Rheumatoid Arthritis: Evolving Biologic Pathways and Specific Periods of Disease Development	<i>Arthritis & Rheumatology</i>	2025	Auto-immune disorder or disease
Circulating Inflammation Biomarkers and the Risk of Esophageal Adenocarcinoma: A Nested Case-Control Study in the Department of Defense Serum Repository	<i>Cancer Epidemiology, Biomarkers & Prevention</i>	2025	Neoplasm
Long-Term miRNA Changes Predicting Resiliency Factors of Post-Traumatic Stress Disorder in a Large Military Cohort–Millennium Cohort Study	<i>International Journal of Molecular Sciences</i>	2025	Mental illness
Post-Vaccination Serum Cytokines Levels Correlate with Breakthrough Influenza Infections	<i>Scientific Reports</i>	2023	Infectious diseases
Leptospirosis and Rickettsial Diseases Sero-Conversion Surveillance Among U.S. Military Personnel in Honduras	<i>Military Medicine</i>	2022	Infectious diseases
Changes in Serum Biomarkers of Cartilage Turnover After Anterior Cruciate Ligament Injury	<i>American Journal of Sports Medicine</i>	2013	Physical injury
Early Screening and Diagnosis for Low Bone Mineral Density Utilizing Opportunistic Screening, Serum Biomarkers, and Advanced Modeling	DTIC	2023	Osteoporosis
Integrative Cardiac Health Project	DTIC	2019	Cardiovascular disease
Vitamin D Supplementation for Prevention of Post-Traumatic Osteoarthritis: Evaluation in Animal and Clinical Models	DTIC	2019	Osteoporosis
Persistence of Serogroup C Antibody Responses Following Quadrivalent Meningococcal Conjugate Vaccination in United States Military Personnel	<i>Vaccine</i>	2014	Infectious diseases
Blast Concussion mTBI, Hypopituitarism, and Psychological Health in OIF/OEFVeterans	DTIC	2014	Physical injury
Infectious Related Triggers of Crohn's Disease in Susceptible Military Personnel		2015	Chronic metabolic
GlycomePREDICTS: IgG Glycome as a Predictor of Inflammatory Bowel Disease Development	DTIC	2019	Chronic metabolic
Humoral Immunity to Primary Smallpox Vaccination: Impact of Childhood Versus Adult Immunization on Vaccinia Vector Vaccine Development in Military Populations.		2017	Vaccine-induced immunity
Predictors of the Onset of Schizophrenia in US Military Personnel	<i>Journal of Nervous and Mental Disease</i>	2015	Mental illness
Assessment of Lyme Seroconversion Among US Military Personnel in Honduras	<i>Military Medicine</i>	2025	Infectious diseases
Hepatitis B Seroprevalence in the U.S. Military and Its Impact on Potential Screening Strategies	<i>Military Medicine</i>	2020	Infectious diseases
Different Repeat Annual Influenza Vaccinations Improve the Antibody Response to Drifted Influenza Strains	<i>Scientific Reports</i>	2017	Vaccine-induced immunity
Costs and Consequences: Hepatitis C Seroprevalence in the Military and Its Impact on Potential Screening Strategies	<i>Hepatology</i>	2016	Infectious diseases