

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
The Serogroup B Meningococcal Outer Membrane Vesicle-based Vaccine 4CMenB Induces Cross-Species Protection Against <i>Neisseria gonorrhoeae</i>	<i>PLoS Pathogens</i>	2020	Infectious diseases
Duration of Seropositivity Following Yellow Fever Vaccination in U.S. Military Service Members	<i>Vaccine</i>	2020	Infectious diseases
Cohort Profile of a US Military Population for Evaluating Pre-Disease and Disease Serological Biomarkers in Rheumatoid and Reactive Arthritis: Rationale, Organization, Design, and Baseline Characteristics	<i>Contemporary Clinical Trials Communications</i>	2020	Auto-immune disorder or disease
Serum Biomarkers Identify Patients Who Will Develop Inflammatory Bowel Diseases up to 5 Years Before Diagnosis	<i>Gastroenterology</i>	2020	Chronic metabolic
Leptospirosis Seroconversion Surveillance Among US Marines Assigned to Japan, 2011–2015	<i>Military Medicine</i>	2020	Infectious diseases
Levels of Vitamin D Are Low After Crohn's Disease Is Established But Not Before	<i>Clinical Gastroenterology and Hepatology</i>	2020	Auto-immune disorder or disease
Circulating Blood Metabolite Trajectories and Risk of Rheumatoid Arthritis Among Military Personnel in the Department of Defense Biorepository	<i>Annals of the Rheumatic Diseases</i>	2021	Auto-immune disorder or disease
Combinations of Anticyclic Citrullinated Protein Antibody, Rheumatoid Factor, and Serum Calprotectin Positivity Are Associated with the Diagnosis of Rheumatoid Arthritis Within 3 Years	<i>ACR Open Rheumatology</i>	2021	Auto-immune disorder or disease
Serum Fatty Acid Latent Classes Are Associated with Suicide in a Large Military Personnel Sample	<i>Journal of Clinical Psychiatry</i>	2021	Physical Injury
Cohort Profile: A Migratory Cohort Study of US Marines Who Train in Australia	<i>BMJ Open</i>	2021	Infectious diseases
The Human Immune Response to Saliva of <i>Phlebotomus alexandri</i> , the Vector of Visceral Leishmaniasis in Iraq, and Its Relationship to Sand Fly Exposure and Infection	<i>PLoS Neglected Tropical Diseases</i>	2021	Infectious diseases
Antibodies to Citrullinated Protein Antigens, Rheumatoid Factor Isotypes and the Shared Epitope and the Near-Term Development of Clinically-Apparent Rheumatoid Arthritis	<i>Frontiers in Immunology</i>	2022	Auto-immune disorder or disease
The Seroepidemiology of Dengue in a US Military Population Based in Puerto Rico During the Early Phase of the Zika Pandemic	<i>PLoS Neglected Tropical Diseases</i>	2022	Infectious diseases
Immune Interference Revisited: Impact of Live-Attenuated Influenza Vaccine Prior to Yellow Fever Vaccination	<i>Vaccine</i>	2022	Vaccine-induced immunity
Coccidioidomycosis Seroincidence and Risk Among Military Personnel, Naval Air Station Lemoore, San Joaquin Valley, California, USA	<i>Emerging Infectious Diseases</i>	2022	Infectious diseases
Pre-Existing Thyroid Autoimmunity and Risk of Papillary Thyroid Cancer: A Nested Case-Control Study of US Active-Duty Personnel	<i>Journal of Clinical Oncology</i>	2022	Neoplasm
Antibody Responses to <i>Phlebotomus papatasi</i> Saliva in American Soldiers with Cutaneous Leishmaniasis Versus Controls	<i>Frontiers in Tropical Diseases</i>	2022	Infectious diseases
Prediagnostic Appearance of Thrombospondin Type-1 Domain 7A Autoantibodies in Membranous Nephropathy	<i>Kidney360</i>	2023	Auto-immune disorder or disease
A Predictive Autoantibody Signature in Multiple Sclerosis	<i>medRxiv.org</i>	2023	Auto-immune disorder or disease
Use of Longitudinal Serum Analysis and Machine Learning to Develop a Classifier for Cancer Early Detection	<i>Methods in Molecular Biology</i>	2023	Neoplasm
Serum Antibodies to Periodontal Pathogens Prior to Rheumatoid Arthritis Diagnosis: A Case-Control Study	<i>Seminars in Arthritis and Rheumatism</i>	2023	Auto-immune disorder or disease
Seroprevalence as an Indicator of Undercounting of COVID-19 Cases in a Large Well-Described Cohort	<i>AJPM Focus</i>	2023	Infectious diseases
Longitudinal Changes in Immune Activation Serum Biomarkers Prior to Diagnosis and Risk of B-Cell NHL Subtypes	<i>Cancer Epidemiology, Biomarkers & Prevention</i>	2023	Neoplasm
A Nested Case-Control Study of Serum Per- and Polyfluoroalkyl Substances and Testicular Germ Cell Tumors among U.S. Air Force Servicemen	<i>Environmental Health Perspectives</i>	2023	Neoplasm
Serologic Response to the Epstein-Barr Virus Peptidome and the Risk for Multiple Sclerosis	<i>JAMA Neurology</i>	2024	Auto-immune disorder or disease