

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
Performance of Anti-Cyclic Citrullinated Peptide Assays Differs in Subjects at Increased Risk of Rheumatoid Arthritis and Subjects with Established Disease	<i>Arthritis & Rheumatology</i>	2013	Auto-immune disorder or disease
Low Vitamin D Status and Suicide: A Case-Control Study of Active Duty Military Service Members	<i>PLoS One</i>	2013	Physical injury
Preclinical Serum 25-Hydroxyvitamin D Levels and Risk of Type 1 Diabetes in a Cohort of US Military Personnel	<i>American Journal of Epidemiology</i>	2013	Chronic metabolic
Elevated Subclinical Double-Stranded DNA Antibodies and Future Proliferative Lupus Nephritis	<i>Clinical Journal of the American Society of Nephrology</i>	2013	Auto-immune disorder or disease
Relation Between Asymptomatic Proteinase 3 Antibodies and Future Granulomatosis with Polyangiitis	<i>Clinical Journal of the American Society of Nephrology</i>	2013	Auto-immune disorder or disease
HPV Seroprevalence Among Servicemembers Entering Military Service During 2011-2012	<i>MSMR</i>	2013	Infectious diseases
Increased Serum Free Light Chains Precede the Presentation of Immunoglobulin Light Chain Amyloidosis	<i>Journal of Clinical Oncology</i>	2014	Chronic metabolic
Adenovirus 36 Antibodies Associated with Clinical Diagnosis of Overweight/Obesity But Not BMI Gain: A Military Cohort Study	<i>Journal of Clinical Endocrinology and Metabolism</i>	2014	Chronic metabolic
Serum Proteomic Analysis of a Pre-Symptomatic Multiple Sclerosis Cohort	<i>European Journal of Neurology</i>	2015	Auto-immune disorder or disease
Effects of Traumatic Amputation on β -Trace Protein and β 2-Microglobulin Concentrations in Male Soldiers	<i>American Journal of Nephrology</i>	2015	Physical injury
Anti-Carbamylated Protein Antibodies Are Present Prior to Rheumatoid Arthritis and Are Associated with its Future Diagnosis	<i>Journal of Rheumatology</i>	2015	Auto-immune disorder or disease
Seroconversion to Japanese Encephalitis Virus Among U.S. Infantry Forces in Korea	<i>American Journal of Tropical Medicine and Hygiene</i>	2015	Infectious diseases
Seroprevalence and Seroincidence of Herpes simplex Virus (2006-2010), Syphilis (2006-2010), and Vaccine-Preventable Human Papillomavirus Subtypes (2000-2010) Among US Military Personnel	<i>Sexually Transmitted Diseases</i>	2015	Infectious diseases
Seroprotective Antibodies to 2011 Variant Influenza A(H3N2v) and Seasonal Influenza A(H3N2) Among Three Age Groups of US Department of Defense Service Members	<i>PLoS One</i>	2015	Infectious diseases
Pilot Metabolome-wide Association Study of Benzo(a)pyrene in Serum From Military Personnel	<i>Journal of Occupational and Environmental Medicine</i>	2016	Burn pit
Detection of Serum microRNAs from Department of Defense Serum Repository: Correlation With Cotinine, Cytokine, and Polycyclic Aromatic Hydrocarbon Levels	<i>Journal of Occupational and Environmental Medicine</i>	2016	Chronic metabolic
High-Resolution Metabolomics for Nutrition and Health Assessment of Armed Forces Personnel	<i>Journal of Occupational and Environmental Medicine</i>	2016	Chronic metabolic
High-Resolution Metabolomics Assessment of Military Personnel: Evaluating Analytical Strategies for Chemical Detection	<i>Journal of Occupational and Environmental Medicine</i>	2016	Chronic metabolic
Longitudinal Plasma Metanephrines Preceding Pheochromocytoma Diagnosis: A Retrospective Case-Control Serum Repository Study	<i>European Journal of Endocrinology</i>	2016	Neoplasm
The Association Between Serum Biomarkers of Collagen Turnover and Subsequent Anterior Cruciate Ligament Rupture	<i>American Journal of Sports Medicine</i>	2016	Physical injury
MicroRNA Expression Profiling of the Armed Forces Health Surveillance Branch Cohort for Identification of “Enviro-miRs” Associated with Deployment-Based Environmental Exposure	<i>Journal of Occupational and Environmental Medicine</i>	2016	Burn pit
Metabolic Pathways and Networks Associated with Tobacco Use in Military Personnel	<i>Journal of Occupational and Environmental Medicine</i>	2016	Tobacco use
Serologic Microbial Associated Markers Can Predict Crohn's Disease Behaviour Years Before Disease Diagnosis	<i>Alimentary Pharmacology & Therapeutics</i>	2016	Auto-immune disorder or disease
Altered Type II Interferon Precedes Autoantibody Accrual and Elevated Type I Interferon Activity Prior to Systemic Lupus Erythematosus Classification	<i>Annals of the Rheumatic Diseases</i>	2016	Auto-immune disorder or disease
Identification of Extracellular miRNA in Archived Serum Samples by Next-Generation Sequencing from RNA Extracted Using Multiple Methods	<i>Molecular Biology Reports</i>	2016	Chronic metabolic