

## ANSEF 2021: Finalists

ID	Proposal Title	Proposal PI
21AN:EN-elec-2489	<i>Increasing The Efficiency Of The Pv System Using Neural Networks And Graphene Electrodes</i>	Margaryan Narek
21AN:HU-hist-2362	<i>The Armenian-Populated Villages of Mush Province Based on the Letters Addressed to Mkrtich the First Khrimian Catholicos</i>	Sahakyan Vera
21AN:NS-biochem-2426	<i>Proton cycling and lactose transport during fermentation: is lac system independent transport of lactose possible?</i>	Trchounian Karen
21AN:NS-biochem-2455	<i>Revealing The Role Of Hydrogenases In Glucose Sensing Mechanism In Bacteria During Fermentation</i>	Trchounian Karen
21AN:NS-biochem-2513	<i>Oxygen binding and Nitric Oxide Dioxygenase activity of Cr porphyrins.</i>	Martirosyan Garik
21AN:NS-biochem-2545	<i>Synthesis And Biological Evaluation Of Unnatural Alpha-amino Acids And Peptide-based Systems For Biomedical Strategies.</i>	Hayarpi Simonyan
21AN:NS-biotech-2391	<i>The investigate of technology for enrichment silage with probiotic bacteria and yeast in farm of Artsakh Republic</i>	Sargsyan Anyuta
21AN:NS-biotech-2398	<i>Development of Approaches Enhancing the Biomass and Biohydrogen Yields in Green Algae</i>	Gabrielyan Lilit
21AN:NS-biotech-2504	<i>Kitchen Waste Valorization For Microbial Biomass And Bioelectricity Production</i>	Poladyan Anna
21AN:NS-hubio-2408	<i>A New Approach In Spinal Brace Modeling: Assessing Efficacy of The Model By Technology Aided Design And Predictive Analytics</i>	Petrosyan Tigran
21AN:NS-hubio-2409	<i>Core Stability Exercises Can Improve Motor Skills And Locomotor Performance In Children With Developmental Delay</i>	Gharibyan Arev
21AN:NS-hubio-2453	<i>Deep Insights Into Mitochondrial Dna Variation In Disease And Human Evolution</i>	Hovhannisyan Anahit
21AN:NS-hubio-2488	<i>The Effect Of Environmental Heavy Metals On Oxidative Stress And Global Dna Methylation Level In The Human Blood Leukocytes</i>	Stepanyan Ani
21AN:NS-molbio-2447	<i>Influence Of Atp On The Properties Of Biomolecular Condensates: Modeling And Theory</i>	Mamasakhlisov Yevgeni
21AN:NS-molbio-2485	<i>Hereditary Characteristics And Environmental Factors In The Pathogenesis Of Chronic Lymphocytic Leukemia</i>	Ghazaryan Narine
21AN:NS-molbio-2500	<i>Influence Of Toxic Metals Chronic Exposure On Human Telomere Length And Telomerase Epigenetic Regulation</i>	Stepanyan Ani
21AN:NS-molbio-2510	<i>Application Of Crispr-cas9 For Evaluation Of The Potential Relationship Between Yme111 Gene Expression And Genome Stability In Sh-sy5y Human Neuroblastoma Cells</i>	Harutyunyan Tigran
21AN:NS-molbio-2518	<i>The genetic background of multidrug resistance in Shigella isolates recovered from patients in Armenia</i>	Sedrakyan Anahit
21AN:NS-molbio-2532	<i>Increasing Susceptibility Of Antibiotic Resistant Pseudomonas Aeruginosa To Human Immune System Using In Silico Screening Of Potential Quorum Sensing Inhibitors</i>	Tiratsuyan Susanna
21AN:NS-molbio-2537	<i>Chemical Composition, Antioxidant And Anti-inflammatory Potential Of Selected Plants Essential Oils</i>	Grigoryan Narine
21AN:NS-molbio-2539	<i>Development Of New Cytostatics Inhibiting Colchicine Binding Site</i>	Arakelov Vahram
21AN:NS-molbio-2543	<i>New Virtual Screening Approach To Identify Broad Spectrum Antivirals Targeting Human De Novo Pyrimidine Biosynthesis Molecular Pathway</i>	Chilingaryan Garri
21AN:NS-plant-2428	<i>Phytoplankton Assessment Tools For Lake Sevan, Armenia: Refreshment, Replenishment, Improvement, And Development For Lake Eco- And Biomonitoring</i>	Gevorgyan Gor
21AN:NS-zoo-2387	<i>Study Of Rickettsial Infections In Ticks Of Armenia And Their Epidemiological Assessment</i>	Harutyunyan Tehmine
21AN:NS-zoo-2549	<i>Study Of Distribution And Conservation Status Of Lynx In Tavush And Lori Regions Of Armenia</i>	Papov George
21AN:PS-astroex-2439	<i>Constraining the Type Ia supernova progenitors</i>	Hakobyan Artur
21AN:PS-chemorg-2529	<i>Isotope Exchange Reactions in Ketones Catalyzed by Ionic Liquids</i>	Shakhhatuni Astghik
21AN:PS-geophys-2389	<i>Acoustic Monitoring Of The Troposphere Using A Detonation Pulsed Generator</i>	Vardanyan Arman