First Name	Last Name	School Name	City	State	Poster #	Abstract Title
Tejas	Bachu	Alliance Academy for Innovation	Cumming	Georgia	**HS226-26**	Engineering the Tumor Surface: Synthetic Nutrient Mimicry Peptides as Stable Extracellular Anchors for Precision Cancer Therapy
Mina	Banks	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-31**	Evaluating the effects on Vitamin D3 and Serrapeptase
Savannah	Browne	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-34**	Evaluating the Neuroprotective Effects of Antioxidant Compounds and Their Combinations Under Oxidative Stress
Ashley	Chen	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-35**	Flavonoid Efficacy in UV & Cancer Research
Tanmayi	Chennapragad	Leander High School	Leander	Texas	**HS226-17**	Targeting TDG as a Potential Therapeutic Strategy in BAP1-Deficient Uveal Melanoma Cells
Mohnish	Chintalapudi	Alliance Academy for Innovation	Cumming	Georgia	**HS226-29**	Theoretical Application of CRISPR Technology for Pancreatic Cancer for Lower Income Communities
Aniyah	Cox	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-36**	The Novel Delivery of Diosmin to Melanoma Skin Cells Via Sonoporation and Poly-D Lysine Nanocarriers
Ivy	Datta	Marvin Ridge High School	Waxhaw	North Carol	**HS226-01**	Calibration Thresholds for a Transcriptomic Glioma Risk Tool Do Not Transfer Between US and Chinese Cohorts
Kaleb	Dove	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-37**	Lidocaine and Tetraethylammonium Effects On Neuronal Cell Viability During Glutamate Excitotoxicity
Levend	Eski	Harmony School of Innovation	Sugar Land	Texas	**HS226-18**	Boundary Disagreement as a Measure of Border Fuzziness in Automated Skin Lesion Segmentation
Melody	Farahani	San Dieguito Academy	Encinitas	California	**HS226-02**	Population-Associated Variability and Reproducibility of Circulating miRNA Biomarkers for Non-Small Cell Lung Cancer Detection
Spencer	Fortson	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-38**	No Title
Audrey	Fovie	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-39**	How Antibiotics Affect Melanoma Cells
Akshara	Guddeti	Eastlake High School	Sammamis	Washington	**HS226-32**	Novel Design of a Population-Optimized Neoantigen Panel to Increase Accessibility to mRNA-Based Immunotherapy Vaccines for Triple Negative Breast Cancer
Ashley	Gupta	Pope High School	Marietta	Georgia	**HS226-15**	Anticancer Potential of Resveratrol Against A549 Lung Cancer Cells via PI3K/AKT/mTOR Pathway Regulation
Angad	Hayer	The Quarry Lane School	Dublin	California	**HS226-07**	ImmunoEP: Improving Neoantigen Immunogenicity Prediction through Evolutionary Context and Physicochemical Properties
Alexander	Healy	Pearland High School	Pearland	Texas	**HS226-13**	Balancing Clinical and Social Determinants of Health in Cancer Clinical Trials: A Proposed Continuous-Covariate Minimization Framework
Alicia	Henry	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-40**	Investigating the Combined Effects of Paclitaxel and Resveratrol on Prostate Cancer Cell Viability
Zoe	Kaushik	South Forsyth High School	Cumming	Georgia	**HS226-27**	Beyond Survival: Geographic and Racial Disparities in Eye Preservation Among Children With Retinoblastoma in the United States, 2015–2023
Ahmed	Khan	Innovation Academy	Roswell	Georgia	**HS226-08**	Development and Evaluation of MICRA: A Computational Pipeline for Quantitative Cancer Microscopy Image Analysis
Elyse	Khieu	Gwinnett School of Mathematics, Science and Technology	Lawrencevil	Georgia	**HS226-21**	Phosphomimetic Substitution in the Inhibition of Mutant p53 Aggregation
Pranav	Kolluri	Lassiter high school	MARIETTA	Georgia	**HS226-33**	The Impact of Cumulative Social Vulnerability and Cancer-Related Acute Stress on Emergency Department Utilization
Pranav	Kumar	Lambert Highschool	Suwanee	Georgia	**HS226-09**	From Nature to Nanomedicine: Curcumin-Based Targeted Therapy for Breast Cancer
Stefania	Liu	Walnut High School	Walnut	California	**HS226-24**	Ancestry-Specific Inflammasome Activation: Do APOL1 Risk Variants Promote Oxidative DNA Damage in Renal Epithelial Cells?
Viraj	Maini	South Forsyth High School	Cumming	Georgia	**HS226-28**	Generative AI vs Hospital Websites in Diagnosing Medical Symptoms
London	McAlister	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-41**	Influence of Plant-Based Compounds on Molecular Pathways in the Cell Cycle of Prostate Cancer.
Vailoces	Miller	Mayo Clinic	Jacksonville	Florida	**HS226-03**	Dual-Drug-Loaded Targeted Polymeric Nanoparticle Therapy for BRCA-Mutated Ovarian Cancer: Advancing Precision Treatment and Health Equity
Caroline	Moon	John S. Davidson Fine Arts Magnet School	Augusta	Georgia	**HS226-30**	Targeting Cell Cycle-Arrested Hypoxic Glioblastoma
Ramcharan	Nagisetty	Innovation Academy	Alpharetta	Georgia	**HS226-19**	Do Ewing sarcoma cells depend on RNF216 more than other cancer cells do?
Isabella	Nguyen	Hampton Roads Academy	Newport Ne	Virginia	**HS226-23**	Structure-guided Design of Novel Antibody Targeting CTHRC1 in Glioblastoma Multiforme (GBM)
Shriyans	Nomula	Alliance Academy For Innovation	Cumming	Georgia	**HS226-29**	Theoretical Application of CRISPR technology for Pancreatic Cancer for Lower Income Communities
Lucas	Pan	Newark Charter School	Newark	Delaware	**HS226-04**	Targeting Cancer Stem Cell Genes Pou5f1 and Sema3C: A Systematic Review and Meta-Analysis of Stemness-Related Outcomes
Sahanashree	Rajeshkumar	Robbinsville High School	Robbinsville	New Jersey	**HS226-10**	Health disparities in endometrial cancer among Black women: a systematic review
Diya	Rajkumar	Obra D. Tompkins High School	Katy	Texas	**HS226-14**	AI-Guided Evaluation of Metal-Organic Framework Nanocarriers for Receptor-Mediated Transcytosis Across the Blood–Brain Barrier in Glioblastoma
Lauren Gabrielle	Ramos	Gwinnett School of Mathematics, Science and Technology	Lawrencevil	Georgia	**HS226-20**	TGF-β pathway inhibition via combination treatment of polyphenols
Rickie	Reed	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-42**	Smart Delivery: Using A pH-Responsive Chitosan-STPP Nanocarrier for Targeted Delivery of BIM BH3 to Melanoma Cells
Caitlyn	Riveria	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-43**	Do curcumin and ginger extract modulate inflammatory-induced barrier dysfunction in intestinal epithelial cells?
Rohan	Sengupta	Centennial High School	Ellicott City	Maryland	**HS226-05**	Structure-Guided Computational Discovery of Molecular Glue Degraders Targeting PP2ACα Reactivation for Therapeutic Intervention in Non-Small Cell Lung Cancer
Manya	Singh	Innovation Academy	Johns Creek	Georgia	**HS226-15**	Anticancer Potential of Resveratrol Against A549 Lung Cancer Cells via PI3K/AKT/mTOR Pathway Regulation.
Devin	Swims	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-44**	Investigating Antioxidants as Modulators of Scorpion Venom Cytotoxicity
Nived	Syam	Alliance Academy for Innovation	Cumming	Georgia	**HS226-29**	Theoretical Application of CRISPR technology for Pancreatic Cancer for Lower Income Communities
Diana	Tapia-Ramos	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-45**	Effects of mitochondrial stress on Skin vs Melanoma cells
Aashrith Sai	Thoutham	Lee County High School	Leesburg	Georgia	**HS226-11**	Rural and Socioeconomic Disparities in Drive-Time Access to Phase 3 Lung Cancer Clinical Trials Across US Counties
Lasya	Upparchinta	Alliance Academy for Innovation	Cumming	Georgia	**HS226-16**	Characterization of Human Colorectal Cancer Cell Lines for In Vitro Research Applications
Natasha	Vora	Seaforth High School	Pittsboro	North Carol	**HS226-06**	Structure-Based Virtual Screening and Molecular Dynamics Identification of Fibrinogen Inhibitors for Targeted Pancreatic Cancer Therapy
Aaron	Wang	Acton-Boxborough Regional High School	Acton	Massachus	**HS226-22**	Quantitative Spatial Profiling of the Glioblastoma Immune Microenvironment Using Self-Supervised Computational Pathology
Yingling	Yang	Granville High School	Granville	Ohio	**HS226-12**	Comparing MicroRNA- and IsomiR-level Quantification in the Study of Primary Brain Tumor Biomarkers
Nathan	Zhao	Lynbrook High School	San Jose	California	**HS226-25**	InterVUS: An Interface-Aware Framework for Reclassifying Variants of Uncertain Significance in Hereditary Breast Cancer Genes
Jojo	Zheng	Rockdale Magnet School for Science and Technology	Conyers	GA	**HS226-35**	Flavonoid Efficacy in UV & Cancer Research