

### White Oak Student Poster Day Projects

<b>Name</b>	<b>Mentor</b>	<b>Title</b>
<b>Mark Abrams</b>	Robert Duncan	Laser Induced Breakdown Spectroscopy Sample Assembly
<b>Reza Farshid</b>	Pei Zhang	Mapping of Specific Antibody Binding Sites on the Envelope Glycoprotein of Human Ebola Virus
<b>Lucy Fredel/Blake Hatcher</b>	Ewan Plant	Influenza Vaccine Development Research
<b>Jennifer Hoekman</b>	Robert Duncan	Comparing the Performance of Polymerase Chain Reaction Master Mixes using Gram Positive and Gram Negative Bacteria
<b>Corey Hoffman</b>	Chava Kimchi-Sarfaty	Assessment of Novel Thrombotic Factors in Neonates with Congenital Heart Defects
<b>Benjamin Hung</b>	Kyung Sung	Effect of Idle Time and Temperature on Cell Morphology and Adipogenic Differentiation Potential of Mesenchymal Stem Cells
<b>Supraja Kanipakam</b>	Viswanath Ragupathy	NextGen Sequencing to Characterize Near Full Length Human Immuno Deficiency virus (HIV-1) subtypes evolving within Infected Host
<b>Keshav Kaul</b>	Sanjai Kumar	Babesiosis diagnostic techniques
<b>Regina Kurapova</b>	Sanjai Kumar	The role of neutrophils in Plasmodium berghei ANKA murine malaria
<b>Helen Luo</b>	Lai Xu	Verification of Housekeeping Gene Fidelity for use in Normalization of Colorectal Cancer qRT-PCR data using RNA-seq Analysis

<b>Anirban Mahanty</b>	Indira Hewlett	Comparison of Real-time PCR to Droplet Digital PCR for Quantitative Detection of the HIV-2 Virus
<b>Manuel Mastromanolis</b>	Brenton McCright	Using contrast agents to track cellular therapies via MRI imaging
<b>Trish Miglani</b>	Bharat H. Joshi	Identification and Characterization of LSL-KrasG12D/+; LSL-Trp53R172H/+; Pdx-1-Cre (KPC) mice by DNA-PCR based Genotyping in Transgenic Mouse Model of Pancreatic Cancer
<b>Eman Mirdamadi</b>	Steve Bauer	Optimizing a 3D Matrix for MSC Culturing
<b>Grace Oh</b>	Steve Bauer	A Multi-Color Flow Cytometry Panel to Detect Seven B-Cell Subsets in Mouse Spleen
<b>Gloria Oh</b>	Steve Bauer	Optimizing an Assay for Quantifying Adipogenic Potential in Mouse Bone Marrow-Derived Mesenchymal Stem Cells
<b>Samantha Smith</b>	Sanjai Kumar	Identification of Novel Biomarkers for the Development of Sensitive Malaria Screening Tests