

EDVOTEK® Workshop Schedule

2023 NABT Professional Development Conference

Baltimore Marriott Waterfront

Friday, 11/3/2023

10:30-11:45 AM • Dover A (3rd Floor)

Introducing Your Students to Gene Editing with CRISPR



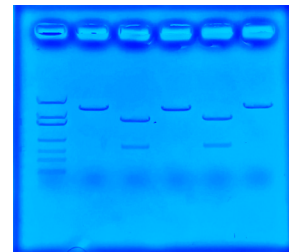
Explore the Nobel Prize winning gene-editing tool CRISPR with your students! In this workshop, we'll experiment with guide RNA design, curing genetic diseases, and changing bacterial genes!

Visit us at Booth #200

FEATURED EXPERIMENT:

Using CRISPR To Treat Cystic Fibrosis

For 8 Gels. In this experiment, students will simulate the use of CRISPR-Cas9 to target a genetic mutation found in a patient suffering from Cystic Fibrosis. Students will develop an understanding of guide RNA (gRNA) design, and use agarose gel electrophoresis to examine pre-prepared DNA samples after CRISPR treatment. **Cat. #135**



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