SEMINARIO

EXPERIMENTAL CONSIDERATIONS FOR GENERATING FUNCTIONAL KNOCKOUTS USING CRISPR-Cas9

SPEAKER

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ABSTRACT:

The ability to make precise and permanent changes to endogenous genes is a highly effective tool enabling interrogation of mammalian genome function. Genome engineering has been advanced recently with the characterization and commercialization of bacterial **CRISPR-Cas9** tools for use in mammalian cells.

During this talk, we will discuss different considerations for successful knock out and knock in experiments using Dharmacon Edit-R CRISPR-Cas9 synthetic products. Including the different formats of Cas9 and gRNA types available. We will talk also about our algorithm design for generating highly penetrant gRNAs and how we can support the addressing of major scientific questions by using our arrayed and pooled Edit-R libraries.

At Dharmacon, we have a great commitment to the scientific community and work to support new discoveries. We offer high quality CRISPR-Cas9 products that adapt to many different scientific approaches, in a simple, flexible, and afforda

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