

WEBINARS

Webinar: Feng Zhang discusses genome editing in autism research

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Here's how Zhang describes what he will discuss in this webinar:

Five years ago, the naturally occurring microbial CRISPR-CAS systems were first repurposed to

edit the genomes of mammals. Molecular biologists rapidly adopted this gene-editing technology, leading to an acceleration of research across a broad range of disciplines. At the same time, there was a major push to refine and expand the technology, and we now have an array of genome, epigenome and transcriptome modulation tools built around CRISPR-CAS systems.

In this webinar, I will review the available tools and describe how we can apply them to the study of the brain. I will also discuss the future development of CRISPR-CAS-mediated technologies and the outstanding challenges for the field, such as the delivery of these tools to specific organs or tissues for therapeutic use.