



Sigma-Aldrich presents:

Using CRISPR and ZFN Technologies for Creation of Transgenic Animals

Tervetuloa Sigma-Aldrich:n luennoille kuulemaan geenimuunneltujen eläimien luomisesta CRISPR ja ZFN teknologialla

INNOVATIVE TECHNOLOGIES FOR LIFE SCIENCE RESEARCH

The discovery of the type II prokaryotic CRISPR/Cas immune system has allowed for the development of an RNA guided genome editing tool that is simple, easy and quick to implement. Sigma Aldrich have developed a single vector system with a Cas9-GFP and a U6-guideRNA expression cassette for CRISPR/Cas9 delivery and expression. CRISPR/Cas systems along with our CompoZr® ZFN technology provide a quick and affordable solution to targeted genome editing in a wide variety of species and cell types.

This seminar highlights how both technologies can be utilised to generate precisely targeted genome edits to produce transgenic animals. We will also discuss the use of high fidelity paired nickases as a means of increasing CRISPR specificity.

Date:

Wednesday, March 18th,
2015

Time:

12:00 – 13:00

Location:

Seminar room P107, Main
Building of the Medical
Campus, Aapistie 5A.

For further information please
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