

# presentation

## Mitigating risk of off-target effects when using CRISPR genome editing

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During this presentation you will learn about:

- Optimized strategies for CRISPR-Cas9 mediated genome editing, with emphasis on methods commonly used for delivery of guide RNAs and Cas9 as a ribonucleoprotein complex
- The risk of off-target effects (OTEs): how to find and measure the frequency of off-target effects (OTEs) including discussion of bioinformatic screening for OTEs and methods for unbiased CRISPR OTE detection
- Recent developments in CRISPR research, including a novel mutant Cas9 protein that has been evolved to reduce off-target gene editing while maintaining on-target potency

Date:

**Friday, February 2, 2018**

Time:

**11:00–13:00**

Location:

**Georg-Speyer-Haus  
Paul-Ehrlich-Straße 42-44  
60596 Frankfurt/Main**

Snacks will be provided

Register to attend:

<https://goo.gl/xewpHN>

**QUESTIONS? I am here to help.**

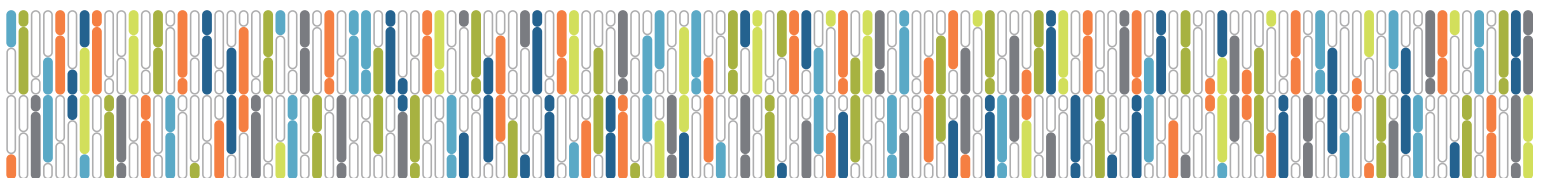
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