

# CasZyme

## Pioneers of CRISPR Cas technology

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CEO, CasZyme





## What we do

CasZyme aims to develop new **discoveries**, **innovative applications** and **top-quality research** in the field of **CRISPR based Molecular Tools**.

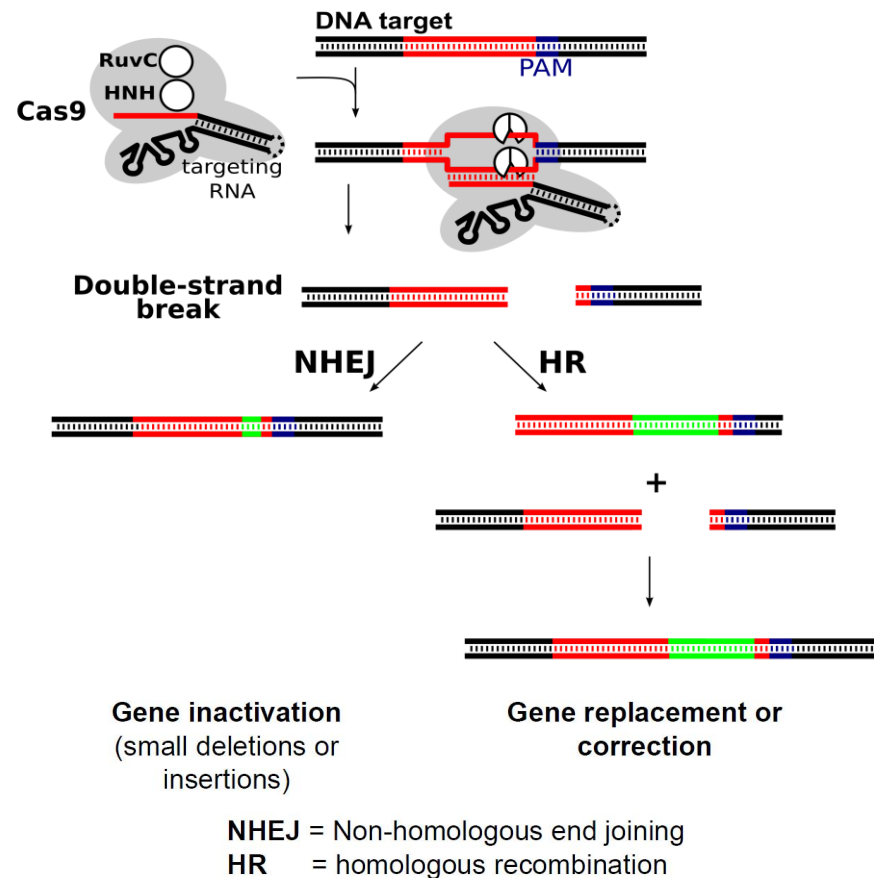
CasZyme was founded by scientists which were first to demonstrate that CRISPR-Cas9 can be used to operate precise double strand breaks in DNA, thereby enabling a new era of gene editing.

### CasZyme activities:

- ▶ Exploring new Cas Proteins for various applications
- ▶ Providing research services for CRISPR applications
- ▶ Developing and characterizing new CRISPR based Molecular Tools

## About our technology

### ► CRISPR-Cas9 based gene editing



### Experience and competences of CasZyme:

- Genome editing tools and applications
- CRISPR biology and applications
- Cloning, expression and purification of proteins
- *In vitro* protein and RNA characterization

## Horizon 2020 calls for 2018/2019 we are interested in

- ▶ SC1-BHC-07-2019: Regenerative medicine: from new insights to new applications
- ▶ SFS-28-2018-2019-2020: Genetic resources and pre-breeding communities
- ▶ SC1-BHC-03-2018: Exploiting research outcomes and application potential of the human microbiome for personalised prediction, prevention and treatment of disease
- ▶ SC1-BHC-09-2018: Innovation platforms for advanced therapies of the future
- ▶ SC1-BHC-21-2018: Research on HIV, tuberculosis and/or hepatitis C in patients with mono-, co-infections or comorbidities in the contest of fostering collaboration with the Russian Federation

## Our competences for Horizon 2020 calls

- ▶ Genome editing tools and applications
- ▶ CRISPR biology and applications
- ▶ Bioinformatics of CRISPR-Cas systems
- ▶ Cloning, expression and purification of proteins
- ▶ *In vitro* characterization of proteins and RNA



## Contacts

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