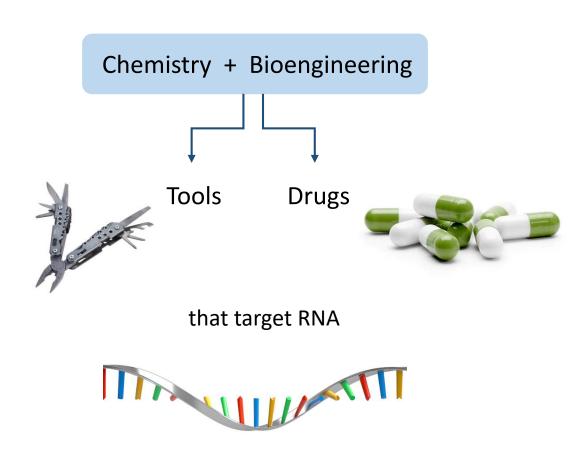
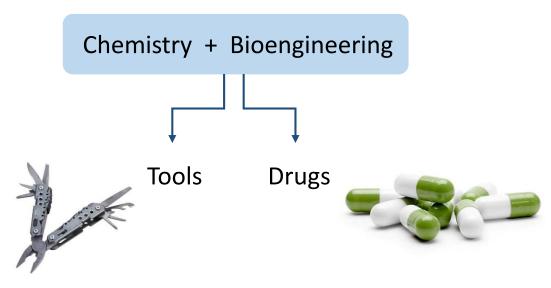


Site-directed RNA base editing – A marketable innovation





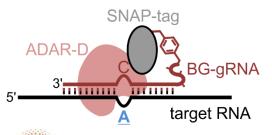
Site-directed RNA base editing



that target RNA



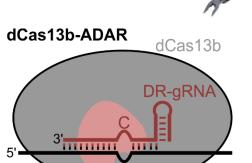
SNAP-ADAR





Stafforst ACIE 2012

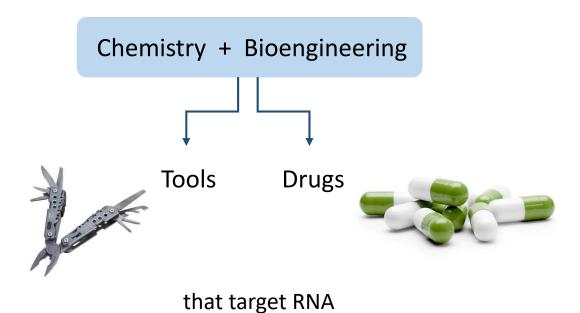
Nat. Meth. **2018**



Zhang Science 2017

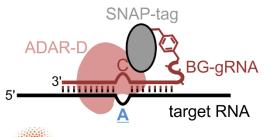


Site-directed RNA base editing

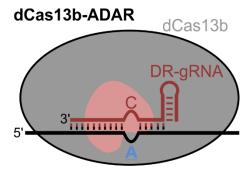




SNAP-ADAR

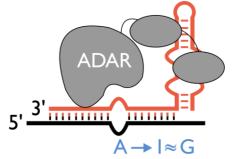






Zhang Science 2017





Stafforst Nat. Biotech. 2019

RESTORE

- chem. mod. ASO
- harness endog. ADAR
- highly precise A-to-I
- novel drug platform
- dosable, reversible
- → safer, patient compliance (?)



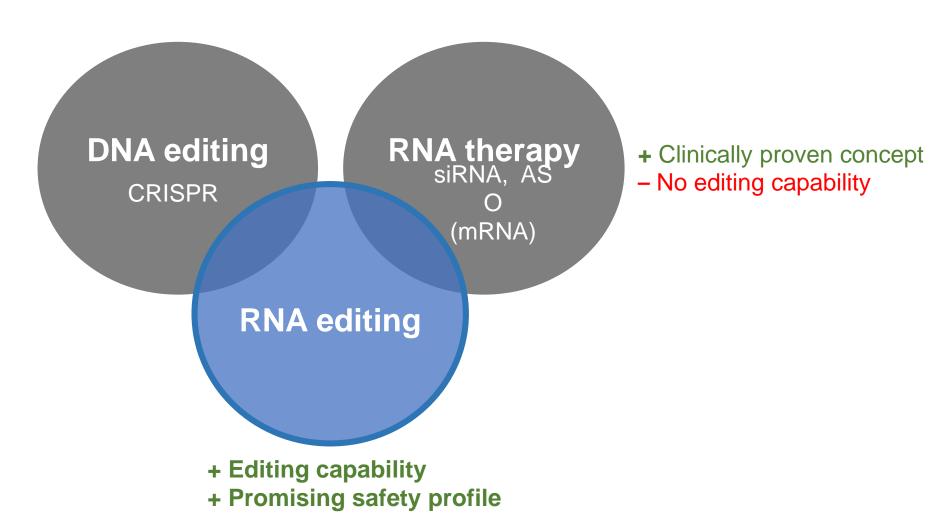
The promise of therapeutic RNA base editing





The promise of therapeutic RNA base editing

- + Versatile editing capability
- Unmet safety issues





Bottlenecks Knowledge → **Innovation (EU)**

(Young) Academic Researcher

- lacking experience
 - approach investor when&how?
 - start-up when&how?
 - patent or publish?

Processes at Academic Institutions

- slow patenting
- no patenting strategy
- little reward for patents/IP
- little interest in translation
 - e.g. consulting, sponsored research,
 licensing, lab space → Col discussion
 - almost no Incubators for Biotech

Investors

- don't stay in US come to EU
- make use of ideas and heads
- talk to academics early
- fund novel ideas early (Incubator)

EU

yearly seed funding program (2-3 Mio EUR/project)

Academic System (Paper, Grants, Positions)

- teaching/administrative burden
- Grants & PhD project (low risk fast gain)
 too short-termed (3y)
 too structured
- high publ. frequency expected
- fashionable vs. sustained/novel directions