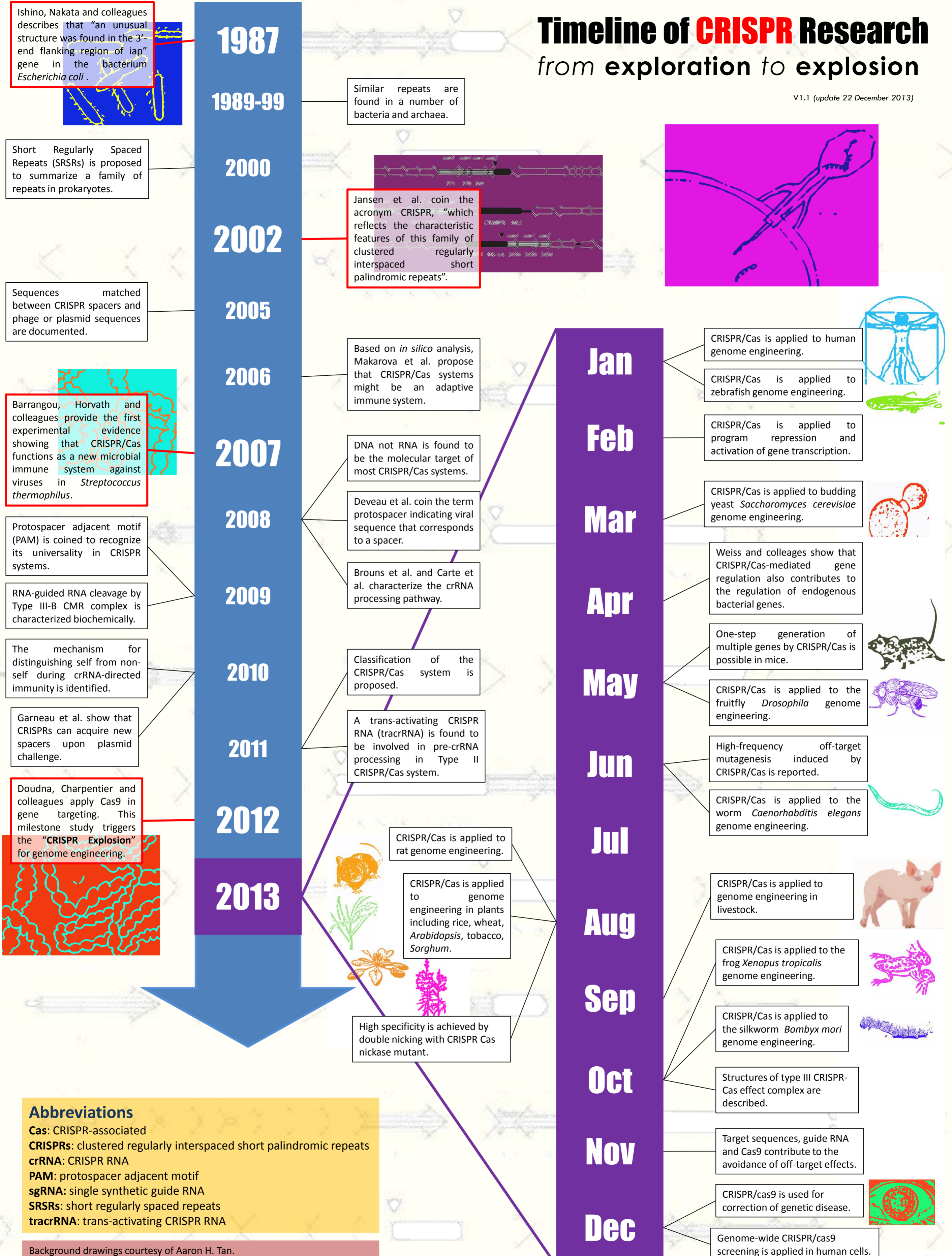


Timeline of CRISPR Research

from exploration to explosion

V1.1 (update 22 December 2013)



Abbreviations

- Cas**: CRISPR-associated
- CRISPRs**: clustered regularly interspaced short palindromic repeats
- crRNA**: CRISPR RNA
- PAM**: protospacer adjacent motif
- sgRNA**: single synthetic guide RNA
- SRSRs**: short regularly spaced repeats
- tracrRNA**: trans-activating CRISPR RNA

Background drawings courtesy of Aaron H. Tan.

details see Bassett AR and Liu JL. CRISPR/Cas9 and genome editing in *Drosophila*. *Journal of Genetics and Genomics* 41(1) January 2014. <http://dx.doi.org/10.1016/j.jgg.2013.12.004>