Genome editing

Group 1: CRISPR/Cas

1. Working on your own, find out more about this method. What is CRISPR? What are the applications of CRISPR? What are the steps of the method? How is it used today?
   - https://ghr.nlm.nih.gov/primer/genomicresearch/genomeediting
   - www.broadinstitute.org/what-broad/areas-focus/project-spotlight/questions-and-answers-about-crispr
2. Together with the other members of Group 1, discuss your results and prepare a short presentation about the method.

Group 2: TALEN

1. Working on your own, find out more about this method. What is TALEN? What are the applications of TALEN? What are the steps of the method? How is it used today?
   - www.news-medical.net/life-sciences/TALENs.aspx
   - www.genetherapynet.com/gene-editing-tools/talen.html
2. Together with the other members of Group 2, discuss your results and prepare a short presentation about the method.

Group 3: Zinc-finger nucleases (ZFNs)

1. Working on your own, find out more about this method. What are ZFNs? What are the applications of ZFNs? What are the steps of the method? How is it used today?
   - www.genome.gov/about-genomics/policy-issues/Genome-Editing/How-genome-editing-works
   - www.genetherapynet.com/gene-editing-tools/zinc-finger-nuclease.html
2. Together with the other members of Group 3, discuss your results and prepare a short presentation about the method.