

Genome Editing Journal Club (DPM-111)

3. - 4.12.2019

Time & Location: 3. - 4.12.19, Biomedicum Helsinki 1

Organizers: GoEditStem platform, HiLIFE (Topi Tervonen and Ras Trokovic) and DPBM doctoral program

Schedule:

Tue 3.12.19, 10.00 - 14.00 (with lunch break 30 min), Meeting room 5-6, first 5 papers

Wed 4.12.19, 10.00 - 14.00 (with lunch break 30 min), Meeting room 12, rest of the papers

Aim: The aim is to give deep insight and understanding into current advances in genome editing technologies for the participants in relaxed setting.

Topics

- **Origins of CRISPR/Cas systems** (paper: Koonin & Makarova, 2019, PMID: 30905284)
- **CRISPR-dCas toolbox: Transcription activation or inhibition and beyond** (paper: Xu & Qi, 2019, PMID: 29958882)
- **Single nucleotide edits by base editors** (paper: Rees & Liu, 2018, PMID: 30323312)
- **Prime-editing** (paper: Anzalone AV...Liu DR, 2019, PMID: 31634902)
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- **Single-cell RNA-seq pooled CRISPR screens: Perturb-seq in action** (paper: Norman TM, 2019, PMID: 31395745)
- **Human therapeutics** (paper: Urnov FD, 2018, PMID: 29879620)
- **Live animal epigenome editing** (paper: Gomez JA, 2019, PMID: 31128888)
- **Monitoring the specificity: CIRCLE-seq** (paper: Lazzarotto CR, 2018, PMID: 30341435)
- **Ethics of human genome editing** (paper: Collier BS, 2019, PMID 30691366)

Contact

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