

Genome Editing Journal Club (DPM-111)

Sep – Nov 2017

Organizers: GoEditStem platform, HiLIFE (Tervonen Topi Aulis, Ansimov Andrey, Weltner Jere, and Trokovic Ras) and DPBM doctoral program

Schedule: Once per week, on Tuesdays from 9.00 to 10.00

Aim: The Genome Editing Journal Club is the place where scientists come together to network and discuss current advances in genome editing technologies. The aim is to create an active discussion environment forum for PhD student, post-doctoral-fellows and active researchers.

Presenting at journal club should be relaxed and fun, so sign-up to present and discuss anything interesting in the field of genome editing.

Note: Main topics will be covered by introductory lectures. Student will be divided into working groups, depending on the participation. A minimum of 4 participants is required for the course. Maximum of participants is 30.

Topic

- Genome Editing by Tervonen Topi Aulis
- Genome-wide screening by Bernaldo de Siqueira Maxim
- Human therapeutics by Wartiovaara Kirimo
- Gene regulation by Weltner Jere
- Viral uses and target specificity by Ansimov Andrey
- Improving specificity by Ala-Hongisto Hanna

Students can choose any recent papers to present that is related to the novel genome editing technology.

Credits: Registered student can get 2 credits for attendance and activity (20 hours of lectures) and 2 credits for oral presentation

Requirements for the credits: Only registered students will receive the credits and every student that registered for the course is expected to present in the course at least once.

Contacts: Instructors: jere.weltner@helsinki.fi and ras.trokovic@helsinki.fi