

Yossi Buganim

Yossi Buganim is head of a stem cell lab at the Hebrew University of Jerusalem, Israel. His lab is focused on identifying and investigating the elements (e.g., genes, LncRNAs, metabolites and histone marks) that facilitate complete and safe somatic nuclear reprogramming. Using multiple in vitro and in vivo somatic cell conversion models together with bioinformatics, embryo manipulation techniques and genomic engineering methodologies, the Buganim lab attempts to produce high quality cells for future clinical use and to understand how cell fate decisions are made during early embryogenesis.