

Seminar Announcement

Friday September 13th 2019, 11:00

Room 231, Building 3533, Neuherberg



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“Genome-wide off-target effects of base editors and the elimination by deaminase engineering”

Key publications:

1. Zhou C[#], **Sun Y[#]**, Yan R[#], Liu Y[#], Zuo E, Gu C, Han L, Wei Y, Hu X, Zeng R, **Li Y^{*}**, Zhou H^{*}, Guo F^{*} and Yang H^{*}. Off-target RNA mutation induced by DNA base editing and its elimination by mutagenesis. *Nature*. 2019, Jul;571(7764):275-278
2. Zuo E[#], **Sun Y[#]**, Wei W[#], Yuan T[#], Ying W, Sun H, Yuan L, Steinmetz LM, **Li Y^{*}**, Yang H^{*}. Cytosine base editor generates substantial off-target single-nucleotide variants in mouse embryos. *Science*. 2019, Apr 19;364(6437):289-292.

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Host: Rui Wang-Sattler
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