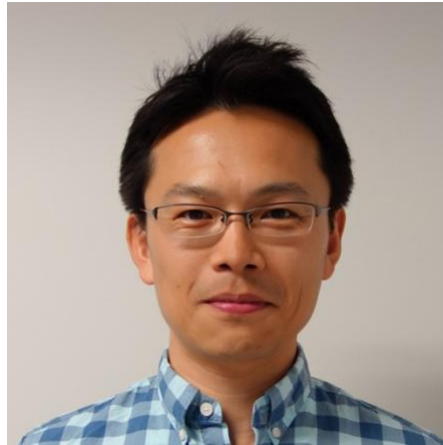


# DR. SHOGO MATOBA

*Postdoc: 2012-2015*



## CURRENT POSITION

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Senior Research Scientist at RIKEN Bioresource Research Center (Tsukuba, Japan)

## PUBLICATIONS

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Inoue A, **Matoba S**, Zhang Y (2012). [Transcriptional activation of transposable elements in mouse zygotes is independent of Tet3-mediated 5-methylcytosine oxidation](#). *Cell Res* 22(12):1640-1649.

Ran FA, Hsu PD, Lin CY, Gootenberg JS, Konermann S, Trevino AE, Scott DA, Inoue A, **Matoba S**, Zhang Y, Zhang F (2013). [Double Nicking by RNA-Guided CRISPR Cas9 for Enhanced Genome Editing Specificity](#). *Cell* 154(6):1380-1389.

**Matoba S**, Liu Y, Lu F, Iwabuchi KA, Shen L, Inoue A, Zhang Y (2014). [Embryonic Development following Somatic Cell Nuclear Transfer Impeded by Persisting Histone Methylation](#). *Cell* 159(4):884-895.

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- Matoba S**, and Zhang Y (2018) [Somatic Cell Nuclear Transfer Reprogramming: Mechanisms and Applications.](#) *Cell Stem Cell* 23(4):471-485