Keiko
KISHIMOTO Ph.D.

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Dr. Kishimoto is a researcher in Erika Sasaki's lab at the Central Institute for Experimental Medicine and Life Science. She obtained her PhD in Medicine from Hiroshima University and specializes in the study of implantation using common marmoset embryos.

EDUCATION

- **2017** : Ph. D in Medicine from Hiroshima University
- **2011** : M.Sc. in Agriculture from Hiroshima University
- **2009** : B.Sc. in Agriculture from Hiroshima University

ACADEMIC APPOINTMENTS

- **2017 - present** : Central Institute for Experimental Medicine and Life Science, Department of Marmoset Biology and Medicine, Researcher
- **2013 - 2017** : RIKEN, Junior Research Associate

EXPERTISE

The marmoset early development specifically implantation and ICM to Epiblast development.

AWARDS AND HONORS

- **2023** : 70th Annual Meeting of the Japanese Association for Laboratory Animal Science, Excellent Presentation Award
- **2014** : Hiroshima University Excellent Student Scholarship

SELECTED PUBLICATIONS

1. Shono, M., Kishimoto, K., Hikabe, O., Hayashi, M., Semi, K., Takashima, Y., Sasaki, E., Kato, K., Hayashi, K. 2023. Induction of primordial germ cell-like cells from common marmoset embryonic stem cells by inhibition of WNT and retinoic acid signaling. *Scientific Reports*. 13(1): 3186.
2. Bergmann, S., Penfold, C.A., Slatery, E., Siriwardena, D., Drummer, C., Clark, S., Strawbridge, S.E., Kishimoto, K., Vickers, A., Tewary, M., Kohler, T.N., Hollfelder, F., Reik, W., Sasaki, E., Behr, R., Boroviak, T.E. 2020. Spatial profiling of early primate gastrulation in utero. *Nature*. 609(7925): 136-143.
3. Kishimoto, K., Shimada, A., Shinohara, H., Takahashi, T., Yamada, Y., Higuchi, Y., Yoneda, N., Suemizu, H., Kawai, K., Kurotaki, Y., Hanazawa, K., Takashima, Y., Sasaki, E. 2021. Establishment of novel common marmoset embryonic stem cell lines under various conditions. *Stem Cell Research*. 53: 102252.
4. Kishimoto, K., Nomura, J., Ellegood, J., Fukumoto, K., Lerch, J.P., Moreno-De-Luca, D., Bourgeron, T., Tamada, K., Takumi, T. 2017. Behavioral and neuroanatomical analyses in a genetic mouse model of 2q13 duplication. *Genes Cells*. 22(5): 436-451.