



第 363 回 つくば分子生命科学セミナー

TSUKUBA MOLECULAR LIFE SCIENCE SEMINAR

Title : Stem Cell-Based Modulation of Heart Function

Speaker : Dr. Bernd K. Fleischmann

Professor and Director, Institute of Physiology I
Life & Brain Center, University of Bonn

Date : November 16th, 2012 (Fri) 17:00-18:30

Place : Building for Institutes of Medicine
Seminar Room 411

Abstract :

Prof. Fleischmann is working on biology of cardiomyocytes. Recently, he is trying to generate functional cardiomyocytes and heart pacer-maker cells from Embryonic Stem (ES) cells or iPS cells for clinical use. In this seminar, he will talk about recent results of his experiments.

References:

1. Kim JB, et al. Oct4-Induced Pluripotency in Adult Neural Stem Cells. **Cell** 2009 136(3): 411-419.
2. Tallini YN, et al. c-kit expression identifies cardiovascular precursors in the neonatal heart. **Proc Natl Acad Sci U S A** 2009 106(6): 1808-1813.
3. Nygren JM, et al. Myeloid and lymphoid contribution to non-haematopoietic lineages through irradiation-induced heterotypic cell fusion. **Nat Cell Biol** 2008 10(5): 584-592.

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