

Future Outcome of Stem Cell Research Today

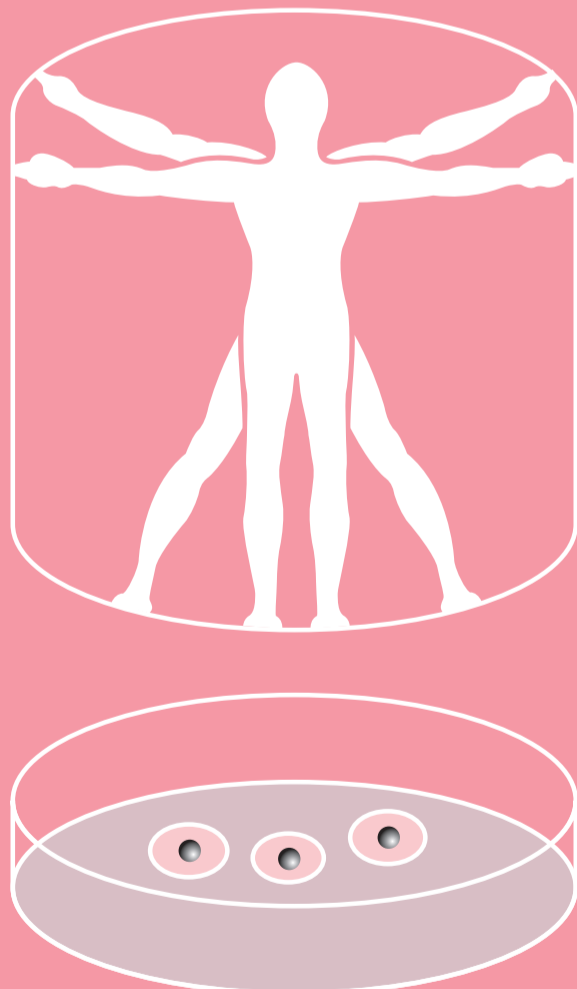
Date January 18th(Monday), 2010 10:00~17:00

Venue Senri Life Science Center Building 5th floor
“Life Hall” & “Science Hall”
1-4-2, Shinsenri-Higashimachi, Toyonaka-City, Osaka

Outline The generation of human pluripotent stem cells, such as ES cells and iPS cells, has great impact on scientific and medical fields. These cells will provide unprecedented tools for medical research, drug discovery, toxicology, and cell replacement therapy. In this symposium, we would like to discuss recent advances, challenges, and future perspectives of pluripotent stem cells. In this symposium, the scientists at the forefront of this field will talk about the future.

Coordinated by

Shin-Ichi Nishikawa (Riken Center for Developmental Biology)
Shinya Yamanaka (Kyoto University)



Program

- 10:00~ Opening address
Tadamitsu Kishimoto (President of Senri Life Science Foundation)
- 10:10~ Induction of pluripotency by defined factors.
Shinya Yamanaka (Kyoto University)
- 11:00~ Genetic modification and differentiation of human embryonic stem cells-creating tools for regenerative medicine.
Andrew Elefanty (Monash University)
- 11:50~13:00 ——— Lunch ———
- 13:00~ Directed differentiation of pluripotent stem cells.
Gordon Keller (University Health Network MaRS Centre)
- 13:50~ Motor neuron progenitor cell replacement therapy for spinal cord injury and disease.
Hans S. Keirstead (University of California at Irvine)
- 14:40~15:10 ——— Brake ———
- 15:10~ iPS cell technologies for studies on CNS-regeneration and disease mechanisms.
Hideyuki Okano (Keio University)
- 16:00~ Using stem cells and reprogramming to study disease.
Kevin Eggan (Harvard University)
- ~17:00 Closing address
Shin-Ichi Nishikawa (Riken Center for Developmental Biology)

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For details, visit [<http://www.senri-life.or.jp/seminar-1.html#senri-lf-semina-2010-01>]

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