Special Lecture:

Dr. Thorsten M. Schlaeger, PhD

Head, Human Embryonic Stem Cell Core
Instructor, Harvard Medical School (Boston)

"Shedding light on reprogramming."

Friday, June 29, 2012
HBZ seminar room, 11 a.m. s.t.

Contact: Dr. Axel Schambach / Prof. Christopher Baum
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Children's Hospital Boston

HSCI
HARVARD STEM CELL INSTITUTE

Research Overview

Our research efforts focus on the generation and directed differentiation of pluripotent stem cells. We combine fluorescent imaging and other stem cell based assays with chemical genetics and high-throughput screening approaches to identify genes, small molecules, and pathways that affect the formation, function, and fate of pluripotent stem cells. Our main long-term goal is to derive clinical-grade blood stem cells from patient-specific pluripotent stem cells.

About Thorsten Schlaeger

Dr Schlaeger holds a PhD in Human Biology from Philipps University in Marburg, Germany (1998). He received the Otto Hahn medal for work on endothelial specific gene regulation, which he performed as a graduate student in the laboratories of the late Dr. Werner Risau (Max Planck Institute) and Dr. Tom N. Sato (Beth Israel Deaconess Hospital). Dr. Schlaeger then joined Dr. Stuart Orkin's laboratory at Children's Hospital Boston in 1999 where he studied the role of the stem cell leukemia gene in endothelial and hematopoetic stem cells. Following a 16-month stint as Senior Scientist running gene targeting projects in the mouse genetics group of Cell and Molecular Technologies Inc. (now part of Invitrogen), Dr. Schlaeger returned to Children's in 2005 to serve as Head of the Human Embryonic Stem Cell Core Facility within the hospital's Stem Cell Program.