



## The inStem Stem Cell Biology Laboratory

### Postdoctoral Positions

**inStem** (<http://instem.res.in>), a new institute for Stem Cell Biology and Regenerative Medicine collaborates and is located at the National Centre for Biological Sciences (NCBS, [www.ncbs.res.in](http://www.ncbs.res.in)) of the Tata Institute of Fundamental Research in Bangalore India. InStem-NCBS and the Institute for Integrate Cell-Material Sciences (iCeMS), Kyoto University, Japan ([www.icems.kyoto-u.ac.jp/e](http://www.icems.kyoto-u.ac.jp/e)) have a partnership program, in which each institute has its satellite laboratories in the other institute. In collaboration with iCeMS, inStem has set up a laboratory for the study of fundamental aspects of pluripotent stem cells, reprogramming and regenerative medicine. This **Stem Cell Biology Laboratory** is led by **Kouichi Hasegawa** who has laboratories in both inStem and iCeMS. The director of iCeMS, Dr. Norio Nakatsuji is an active collaborator and a visiting professor at inStem and NCBS.

Two positions are currently available for talented and driven candidates who are interested in a career in regenerative biology. Current projects include the study of molecular mechanisms in human pluripotent stem cell (ES/iPS cell) self-renewal, reprogramming and differentiation archived by molecular and chemical biology approaches, and also technological innovation for stem cell applications (PNAS 2008, 15, 13781–13786; Stem Cells 2009, 27, 2969-2978; Cell Stem Cell 2010, 6, 521-531; Stem Cells 2010, 28, 1338-1348). In addition, we are currently studying identification of new biomarkers of tissue progenitors and cancer diagnosis by using differentiated pluripotent stem cells.

Applicants must have doctoral degree and experience in cell- and molecular- biology. Those with expertise and understanding of epigenetics and of approaches that include genome and/or other 'omics' approaches are also encouraged to apply. Highly motivated individuals enthusiastic to work in the area of stem cells, development, reprogramming and differentiation may e-mail curriculum vitae along with three references to:

**Kouichi Hasegawa, Ph.D.**

inStem, NCBS (Email: [koichih@ncbs.res.in](mailto:koichih@ncbs.res.in)) or

iCeMS, Kyoto University (Email: [khasegawa@icems.kyoto-u.ac.jp](mailto:khasegawa@icems.kyoto-u.ac.jp)).