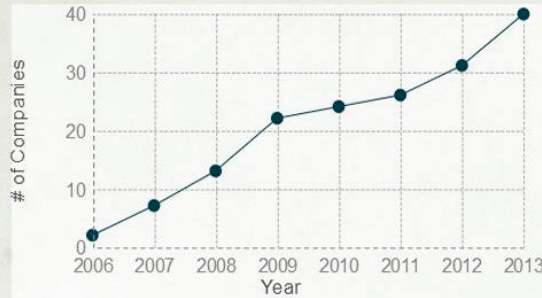


# iPSC News Today

September 22, 2014

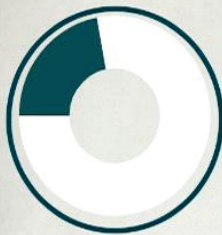
## The Business of Commercializing Induced Pluripotent Stem Cells (iPSCs)



Number of Companies Offering iPSC Research Products, by Year

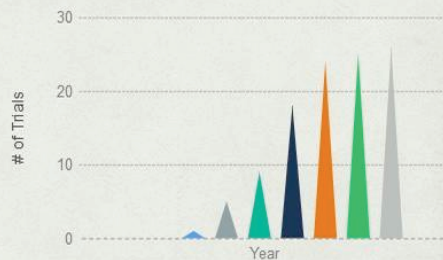
When iPSCs were discovered in 2006, there were only two companies selling iPSC research products. This number increased to seven by 2007 and then began increasing more substantially. A year-by-year breakdown is shown above to identify the rate of new market entrants and the current level of market competition for iPSC-specific research products.

### Market Penetration Among Stem Cell Researchers



22% of all stem cell researchers now self-report having used iPSCs within a research project.

### Clinical Trials Investigating iPSCs



# of Clinical Trials Investigating iPSCs

Currently, there are 26 clinical studies involving the creation and evaluation of iPSC lines for clinical purposes. None of these studies involve transplant of iPSCs into humans (cellular therapy).  
[Visit [ClinicalTrials.gov](http://ClinicalTrials.gov) a list of current trials.]

## Major Advances in Commercialization of iPSCs

**AUGUST 2013:**

1st time in which clinical research involving transplant of iPSCs into humans was initiated. Masayo Takahashi at RIKEN Center in Japan investigates safety of iPSC-derived cell sheets in patients with macular degeneration.

**JULY 2013:**

Cellular Dynamics International (CDI) went public with a offering that raised \$43 million dollars, securing the company's position as the global leader in producing human iPSCs in industrial quantities.

**MARCH 2013:**

Cellular Dynamics International and Coriell Institute for Medical Research receive multi-million dollars grants from the California Institute for Regenerative Medicine (CIRM) for creation of iPSC lines from 3,000 healthy and diseased donors. It will create the world's largest human iPSC bank.

2013 was a major year for advances in iPSC clinical research applications, production and differentiation technologies, biobanking, and more.

Learn more about iPSC market opportunities at: [www.bharatbook.com/biotechnology-market-research-reports-331461/complete-2013-14-induced-pluripotent-stem-cell-industry-report](http://www.bharatbook.com/biotechnology-market-research-reports-331461/complete-2013-14-induced-pluripotent-stem-cell-industry-report)