



- The Harvard Stem Cell Institute is a scientific collaborative established in 2004 to fulfill the promise of stem cell biology as the basis for cures and treatments for a wide range of chronic, life-threatening medical conditions.
- The Institute is lead by co-directors Douglas Melton, Ph.D., and David Scadden, M.D. Professors Melton and Scadden were recently named the co-chairs of Harvard University's newly created Department of Stem Cell and Regenerative Biology, the University's first inter-school Department.
- Brock Reeve, a graduate of the Harvard Business School with extensive experience in the biotech sector, serves as HSCI's Executive Director.
- The Institute has a Principal Faculty of more than 70 scientists with laboratories at Harvard University and in 11 of Harvard's affiliated hospitals. There are more than 700 graduate students, post doctoral fellows, and senior scientists working in those laboratories to improve understanding of stem cell biology and use that understanding to develop cures and treatments for a wide range of diseases.
- The Institute has major programs in the areas of cardiovascular disease, cancer, diseases of the nervous system (such as Parkinson's and ALS), diabetes, and blood diseases. There are additional programs examining the role of stem cells in hearing, vision, the kidneys, the muscles and connective tissues, and other systems.
- Harvard Stem Cell Institute scientists, lead by Doug Melton, have produced and distributed more than 30 embryonic stem cell lines which they have distributed free of charge to scientists around the world.
- While embryonic stem cell research has received a great deal of attention, the Harvard Stem Cell Institute is a world leader in research on embryonic *and* adult stem cells. This is reflected in the Institute's leadership: Doug Melton's work is focused on embryonic stem cells, while David Scadden, a hematologist-oncologist, focuses on adult stem cells.
- In addition to its scientific work, the Harvard Stem Cell Institute has programs focused on the ethical and legal implications of stem cell research, produces a series of lectures and presentations to help inform the public, has a summer research program for college students, and helps educate high school teachers about stem cell science.

- The membership of the Harvard Stem Cell Institute includes experts in ethics, law, business, religion, and the humanities, across the breadth of Harvard University's schools and faculties.
- Because of the current restrictions on federal funding of embryonic stem cell research, the Harvard Stem Cell Institute depends upon the foresight and generosity of private individuals, foundations, and corporate donors to carry on its work.

For more information about the Harvard Stem Cell Institute go to <http://hsci.harvard.edu>
For a slide show to <http://hsci.harvard.edu/introduction-video>

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