

Stem Cell Politics on Capitol Hill

Congressman Mark Kirk
10th Congressional District of Illinois

Remain at Forefront of Biomedical Research

- Americans are innovators, explorers, inventors and scientists.
- Since 1790 the United States Patent Office has granted more than 6 million patents
- Americans invented the light bulb, telegraph, telephone, skyscraper, computer, and space shuttle

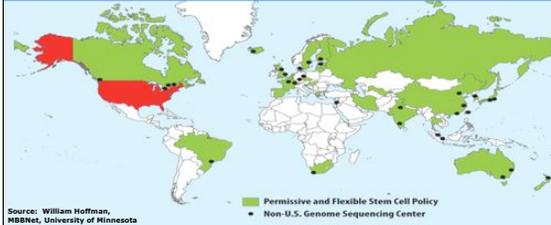


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Remain at Forefront of Biomedical Research

United States of America - Where will we stand?



Source: William Hoffman, MBNET, University of Minnesota



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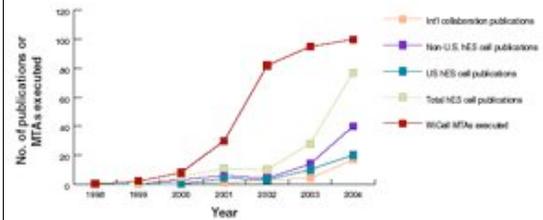


Federal Stem Cell Research Funding

| | Million\$ /yr | hESC research |
|----------------|-------------------|---------------|
| Australia | 20 | Most funding |
| Canada | 30 | |
| China | 10-15* | Most funding |
| France | | |
| Germany | 15 | |
| India | 2 | |
| Israel | 15 | Most funding |
| Japan | 10 | |
| Singapore | 25 | Most funding |
| South Korea | 45 (5000 in 2004) | Most funding |
| Sweden | 10 | Most funding |
| Switzerland | 5 | |
| United States | 570 | 40 |
| United Kingdom | 100 | Most funding |

Note: These are rough estimates from a variety of sources including UKSCI.
* China's funding is expected to increase substantially.

An international gap in human ES cell research



Owen-Smith & McCormick, *Nature Biotechnology*, April 2006. With permission.

Research Cloning: Global Competition

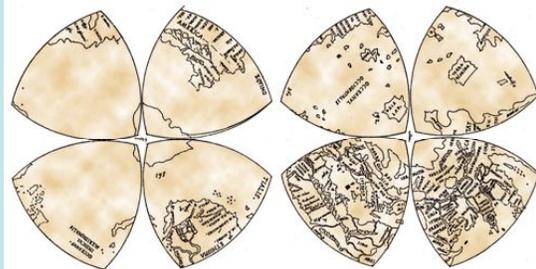


"Where now for stem-cell cloners?"

"Problems with landmark paper may set field back by years."

Erika Check, *Nature*, December 22, 2005

Leonardo da Vinci's *mappamundi*, 1514



An "octant" map, one of the first world maps that used the name "America."

Leonardo da Vinci
The Fetus in the Womb, 1512

