

THOMSON SCIENTIFIC NAMES DOCTORS OF THE DECADE, 1995-2005

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Harvard University researchers dominate the list of highly cited clinical medicine researchers; University of Miami, Johns Hopkins University also make strong showings.

Philadelphia, Pa. USA-London UK - January 12, 2006 - Researchers from Harvard University lead the pack in clinical medicine research by earning the highest number of citations over the past decade, according to a study published in the January/February issue of *Science Watch*—the bi monthly newsletter published by Thomson Scientific, a business of The Thomson Corporation.

Using data from *Essential Science Indicators SM*, the *Science Watch* study evaluated institutions based on papers published and cited in clinical-medicine journals indexed by Thomson Scientific (including multidisciplinary journals such as *Science* and *Nature*).

Harvard University researchers account for four of the top-10 clinical medicine researchers (eight of the top 20), with Meir J. Stampfer receiving the highest number of citations, 34,872, for his work in the field of Epidemiology. Another Harvard researcher, Walter C. Willett, ranks a close second with 33,724, while University of Miami researcher Charles H. Hennekens ranks third with 27,629 citations. Willett and Hennekens also published in the field of Epidemiology.

Rounding out the top five are Bert Vogelstein of Howard Hughes Medical Institute and Johns Hopkins University with 27,148 citations, and Kenneth W. Kinzler, also of Johns Hopkins, with 25,785. Both researchers published in the field of Oncology.

“Citations are an acknowledgement of intellectual debt,” said Christopher King, editor of *Science Watch*. “The impressive number of citations these exceptional researchers have received is evidence of their profound influence on modern scientific thought.”

Most-Cited Authors in Clinical Medicine

(Ranked by total citations, based on papers published and cited in Thomson-indexed journals between January 1995 and August 2005)

Rank	Name	Institution	Field	Citations
1	Meir J. Stampfer	Harvard University	Epidemiology	34,872
2	Walter C. Willett	Harvard University	Epidemiology	33,724
3	Charles H. Hennekens	University of Miami	Epidemiology	27,629
4	Bert Vogelstein	HHMI, Johns Hopkins U.	Oncology	27,148
5	Kenneth W. Kinzler	Johns Hopkins University	Oncology	25,785
6	Graham A. Colditz	Harvard University	Epidemiology	25,702
7	Robert M. Califf	Duke University	Cardiology	24,494
8	John C. Reed	Burnham Institute	Cell Biology	23,729
9	Eric J. Topol	Cleveland Clinic Foundation	Cardiology	22,829
10	JoAnn E. Manson	Harvard University	Epidemiology	19,141

From the above list, five authors were featured in the previous *Science Watch* Clinical Medicine rankings, evaluating 1991-1998 (and published in 1998): Meir J. Stampfer, Harvard University ;

Charles H. Hennekens, University of Miami ; Walter C. Willett, Harvard University ; Graham A. Colditz, Harvard University ; and Eric J. Topol, Cleveland Clinic Foundation.

Most-Cited Authors in Clinical Medicine: Four Subfields
(Ranked by total citations, based on papers published and cited in Thomson-indexed journals between January 1995 and August 2005)

Epidemiology

In the subfield of Epidemiology, research powerhouse Harvard University accounts for four of the top five most-cited researchers. University of Miami researcher Charles H. Hennekens ranks third.

Rank	Name	Institution	Citations
1	Meir J. Stampfer	Harvard University	34,872
2	Walter C. Willett	Harvard University	33,724
3	Charles H. Hennekens	University of Miami	27,629
4	Graham A. Colditz	Harvard University	25,702
5	JoAnn E. Manson	Harvard University	19,141

Cardiology

Harvard University has a strong presence in the Cardiology subfield as well, with two researchers in the top five (and three in the top ten). Duke University researcher Robert M. Califf ranks first with 24,494 total citations.

Rank	Name	Institution	Citations
1	Robert M. Califf	Duke University	24,494
2	Eric J. Topol	Cleveland Clinic Foundation	22,829
3	Paul M. Ridker	Harvard University	18,146
4	Eugene Braunwald	Harvard University	16,928
5	Peter J. Barnes	Imperial College London	16,148

Oncology

Johns Hopkins University solidifies its stance as a research powerhouse in the field of Oncology with its researchers accounting for all of the top five. Bert Vogelstein, who is affiliated with Howard Hughes Medical Institute, tops the list with 27,148 citations. Vogelstein was named a Thomson Scientific Laureate in 2005 for his highly influential work.

Rank	Name	Institution	Citations
1	Bert Vogelstein	HHMI, Johns Hopkins Univ.	27,148
2	Kenneth W. Kinzler	Johns Hopkins University	25,785
3	James G. Herman	Johns Hopkins University	13,853
4	Stephen B. Baylin	Johns Hopkins University	13,281
5	David Sidransky	Johns Hopkins University	12,789

General Biomedicine

In the field of General Biomedicine, three of the top five researchers are based outside the United States (one researcher from Institute Gustave-Roussy, France, and two researchers from Osaka University, Japan). John C. Reed, Burnham Institute, ranks first by just shy of 11,000 citations – a total of 23,729.

Rank	Name	Institution	Citations
1	John C. Reed	Burnham Institute	23,729
2	Patrick O. Brown	HHMI, Stanford University	12,754
3	Guido Kroemer	Institute Gustave-Roussy	11,622
4	Shigekazu Nagata	Osaka University	11,590
5	Yuji Matsuzawa	Osaka University	11,532

For more information about these rankings, including the full “top 20” Doctors of the Decade and the “top 10” in each subfield, read the January/February issue of *Science Watch*, or contact Rodney Yancey at 215-823-5397 or rodney.yancey@thomson.com.

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