

# Beside-to-Bench Conference: Inflammation and Nutrient Metabolism

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# New NIH Director

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**Francis S. Collins, M.D., Ph.D.**

# Translational Research: an Iterative Bi-directional Process

“Bedside  
to  
Bench”



“Bench  
to  
Bedside”

Marincola FM. In support of descriptive studies. *J Transl Med* 5:21, 2007

# Past Conferences

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- 2004 – Research Agenda for Frailty
- 2005 – Understanding Co-Morbid Disease and Total Burden of Disease
- 2006 – Effects of Cognitive Activity on Cognitive Function in Late Life
- 2007 – Thinking, Moving and Feeling
- 2008 – Idiopathic Fatigue of Aging

# Inflammation and Nutrient Metabolism

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- NIA, AGS, and John A. Hartford Foundation collaborative
- Objectives
  - Convene clinical and basic science experts in nutrition and inflammation
  - Identify opportunities for collaborative studies
  - Develop closer links between basic, clinical, and health services research

# Perspectives from NIH/NIA

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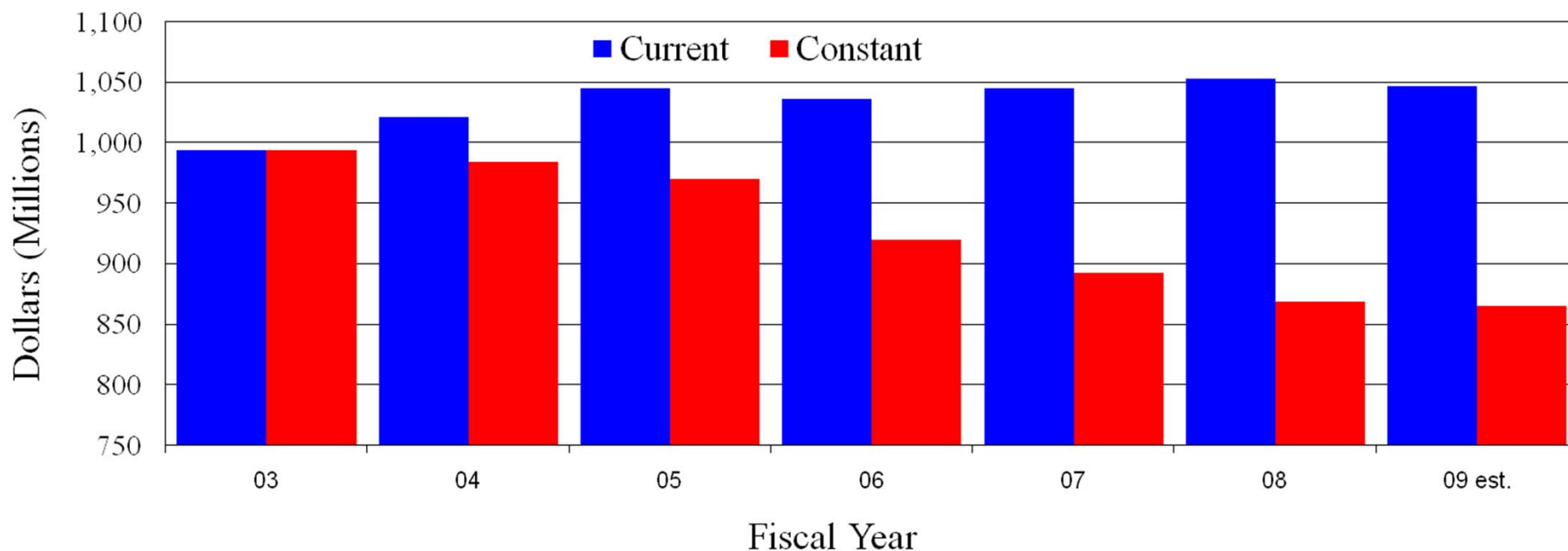


# National Institute on Aging

(Fiscal Years 2003 – 2009)

## Funding Levels in Current and FY 2003 Constant Dollars

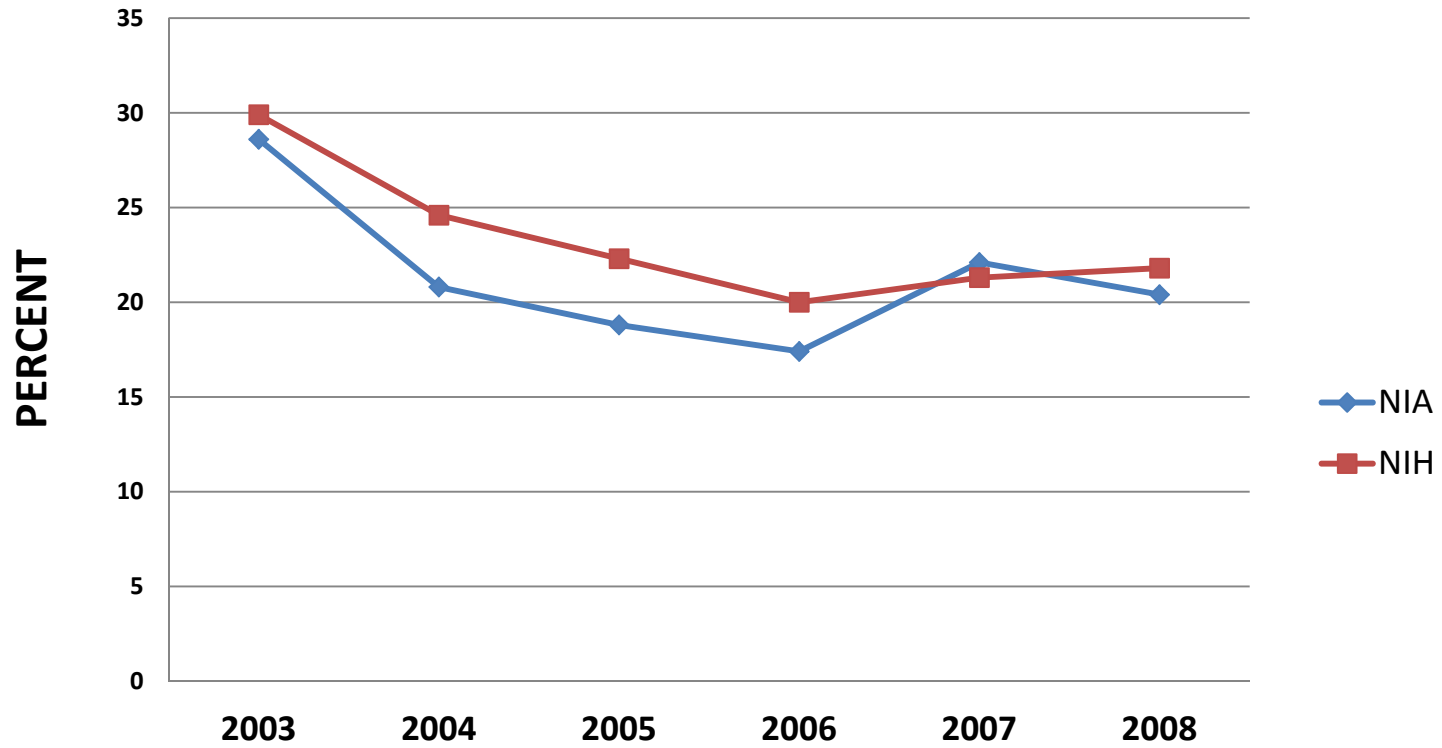
**Percent change (estimated) current dollars: +5.4%**  
**Percent change (estimated) constant dollars: -12.9%**



\* **Current dollars** - dollar value of a good or service in terms of prices prevailing at the time the good was sold or service rendered.

\* **Constant dollars** - dollar value adjusted for inflation to demonstrate "real" increases. Determined by dividing current dollars by an

# RPG Success Rates





## ARRA Funding Streams

NIH Total = \$10.4B

Source	Level available	Uses
ICs	7.4B	Fund existing peer reviewed applications
	(NIA \$273.3M)	Trans-NIH FOAs
		IC- specific FOAs
		Revisions
		Administrative Supplements
		Common Fund (0.137B)
NCRR	1.3B	Extramural Repair, Improvements and Construction
OD	0.5B	Intramural Repair, Improvements and Construction
Via AHRQ	0.4B	Comparative effectiveness research

# ARRA Funding Streams (cont.)

<b>Source</b>	<b>Level available</b>	<b>Proposed Uses (Initial allocations)</b>
OD (cont.)	0.8B	<p data-bbox="1100 557 1709 602"><b>Extramural Research: (\$460M)</b></p> <p data-bbox="1100 659 1709 1003"><b>Includes commitments to Challenge Grants; GO Grants; Summer program for Students and Faculty; Bioethics faculty recruitment program; other programs being considered or developed</b></p> <p data-bbox="1110 1065 1675 1110"><b>Intramural Summer Training</b></p>

# Comparative Effectiveness Research

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- **NIH: \$400 million**
- **AHRQ: \$300 million**
- **HHS Secretary: \$400 million**

# FY 2010 NIH/NIA Appropriations

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## H.R. 3293, the FY2010 Labor, HHS, Education Appropriations (passed on July 24):

- NIA's proposed level is \$1.12 billion

## Senate Action: - after Labor Day

- NIA's proposed level is \$1.09 billion.

