Beside-to-Bench Conference:
Inflammation and Nutrient Metabolism

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Deputy Director
NIA/NIH/DHHS

September 9, 2009
New NIH Director

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

• 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

- 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
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

PERCENT

2003 2004 2005 2006 2007 2008

NIA
NIH
## ARRA Funding Streams
### NIH Total = $10.4B

<table>
<thead>
<tr>
<th>Source</th>
<th>Level available</th>
<th>Uses</th>
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<tbody>
<tr>
<td>ICs</td>
<td>7.4B</td>
<td>Fund existing peer reviewed applications</td>
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<td></td>
<td>(NIA $273.3M)</td>
<td>Trans-NIH FOAs</td>
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<td>IC- specific FOAs</td>
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<td>Revisions</td>
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<td></td>
<td>Administrative Supplements</td>
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<td></td>
<td></td>
<td>Common Fund (0.137B)</td>
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<tr>
<td>NCRR</td>
<td>1.3B</td>
<td>Extramural Repair, Improvements and Construction</td>
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<tr>
<td>OD</td>
<td>0.5B</td>
<td>Intramural Repair, Improvements and Construction</td>
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<tr>
<td>Via AHRQ</td>
<td>0.4B</td>
<td>Comparative effectiveness research</td>
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### ARRA Funding Streams (cont.)

<table>
<thead>
<tr>
<th>Source</th>
<th>Level available</th>
<th>Proposed Uses (Initial allocations)</th>
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<tbody>
<tr>
<td>OD (cont.)</td>
<td>0.8B</td>
<td>Extramural Research: ($460M)</td>
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<td>Includes commitments to Challenge Grants; GO Grants; Summer program for Students and Faculty; Bioethics faculty recruitment program; other programs being considered or developed</td>
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<td>Intramural Summer Training</td>
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Comparative Effectiveness Research

- NIH: $400 million
- AHRQ: $300 million
- HHS Secretary: $400 million
FY 2010 NIH/NIA Appropriations

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.