

**NATIONAL INSTITUTES OF HEALTH**  
**NIH Roadmap by Initiative**  
(dollars in millions)

Title of Initiative	Lead Administrative ICs	FY 2004 Actual	FY 2005 Appropriation	FY 2006 Estimate
<b><i>New Pathways of Discovery</i></b>				
<b>Molecular Libraries and Imaging</b>				
Creation of NIH Bioactive Small Molecule Library & Screening Centers	NIMH, NHGRI	\$23.3	\$38.1	\$51.8
Cheminformatics	NHGRI, NLM	1.1	7.4	10.5
Technology Development	NIGMS, NINDS, NHGRI, NIBIB	2.7	12.9	21.3
Development of High-Specificity/High-Sensitivity Imaging Probes	NIGMS	1.3	4.9	5.2
Imaging Probe Database	NCI	0.3	1.3	0.7
Core Synthesis Facility to Produce Imaging Probes	NHLBI	3.2	2.0	3.0
<i>Subtotal, Molecular Libraries and Imaging</i>		<i>31.9</i>	<i>66.6</i>	<i>92.5</i>
<b>Building Blocks, Biological Pathways and Networks</b>				
National Technology Centers&Metabolomics Development	NIDDK, NCRR	14.9	28.8	29.7
Standards and Reagents for Proteomics	NCRR, NIDDK, NHGRI	0.2	0.2	1.0
<i>Subtotal, Building Blocks, Biological Pathways and Networks</i>		<i>15.0</i>	<i>29.0</i>	<i>30.7</i>
<b>Structural Biology</b>				
Centers for Innovation in Membrane Protein Production	NIGMS	5.0	5.0	5.0
Membrane Protein Production and Structure Determination	NIGMS	5.0	4.9	5.0
<i>Subtotal, Structural Biology</i>		<i>5.0</i>	<i>9.9</i>	<i>10.0</i>
<b>Bioinformatics and Computational Biology</b>				
National Centers for Biomedical Computing	NIGMS	12.0	23.8	24.0
<b>Nanomedicine</b>				
Conceptual Planning for Nanomedicine Development Centers	NEI	1.5	0.0	0.0
Nanomedicine Development Centers	NEI	0.0	5.9	12.0
<i>Subtotal, Nanomedicine</i>		<i>1.5</i>	<i>5.9</i>	<i>12.0</i>
<b><i>Subtotal, New Pathways of Discovery</i></b>		<b><i>65.4</i></b>	<b><i>135.2</i></b>	<b><i>169.0</i></b>
<b><i>Research Teams of the Future</i></b>				
<b>Interdisciplinary Research</b>				
Interdisciplinary Research Centers	NCRR	11.3	8.9	9.0
Interdisciplinary Research Training Initiative	NIDDK, OBSSR, NIGMS	7.9	17.0	17.2
Innovation in Interdisciplinary Technology and Methods	OD/OBSSR	1.0	1.0	0.2
Removing Structural Barriers to Interdisciplinary Research	CSR, OD/OER	0.0	0.0	0.0
Using the NIH Intramural Research Program as a Model for Interdisciplinary Research	OD/OIR	0.0	0.0	0.0
Interagency Conference on the Interface of Life Sciences and Physical Sciences	NIDCR	0.1	0.0	0.0
<i>Subtotal, Interdisciplinary Research</i>		<i>20.2</i>	<i>26.9</i>	<i>26.4</i>
<b>High-risk Research</b>				
NIH Director's Pioneer Awards	NIGMS	7.3	11.9	16.7
<b>Public-Private Partnerships</b>				
Designation of a Central Point of Contact	OD	0.0	0.0	0.6
High-Level Science Driven Partnership Meetings	OD	0.0	0.0	0.0
<i>Subtotal, Public Private Partnerships</i>		<i>0.0</i>	<i>0.0</i>	<i>0.6</i>
<b><i>Subtotal, Research Teams of the Future</i></b>		<b><i>27.5</i></b>	<b><i>38.8</i></b>	<b><i>43.6</i></b>
<b><i>Re-engineering the Clinical Research Enterprise</i></b>				
Clinical Research Policy Analysis and Coordination	OD/OSP	1.9	2.9	3.0
Feasibility of Integrating and Expanding Clinical Research Networks	NHLBI	17.6	18.3	22.5
Translational Research Core Services	NIDDK	1.2	2.4	6.8
Dynamic Assessment of Patient-Reported Chronic Disease Outcomes	NIAMS	6.0	4.9	5.0
Regional Translational Research Centers	NCCAM	0.3	3.4	31.0
Enhance Clinical Research Training via the National Multi-disciplinary CR Career Development Program and CRTP and MSTP Expansions	NICHD, OD/OIR, NICHD	9.4	28.6	46.4
Create a National Clinical Research Associates Program	NICHD	2.5	0.2	5.0
<b><i>Subtotal, Re-engineering the Clinical Research Enterprise</i></b>		<b><i>39.0</i></b>	<b><i>60.7</i></b>	<b><i>119.6</i></b>
<b><i>Dedicated Roadmap Administration</i></b>			<b><i>0.5</i></b>	<b><i>0.5</i></b>
<b>Total Roadmap</b>		<b>131.9</b>	<b>235.3</b>	<b>332.8</b>