

# **NIH Research Response to the Threat of Bioterrorism**

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- **Biodefense Research Activities**
- **Coordination of Research Activities**
- **Research and Development Priorities Based on Threat Assessment**



## NIAID Strategic Plan for Biodefense Research



## NIAID Biodefense Research Agenda for CDC Category A Agents



## NIAID Biodefense Research Agenda for CDC Category A Agents

### Progress Report



August 2003



## NIAID Biodefense Research Agenda for Category B and C Priority Pathogens



## NIAID Biodefense Research Agenda for Category B and C Priority Pathogens

### Progress Report



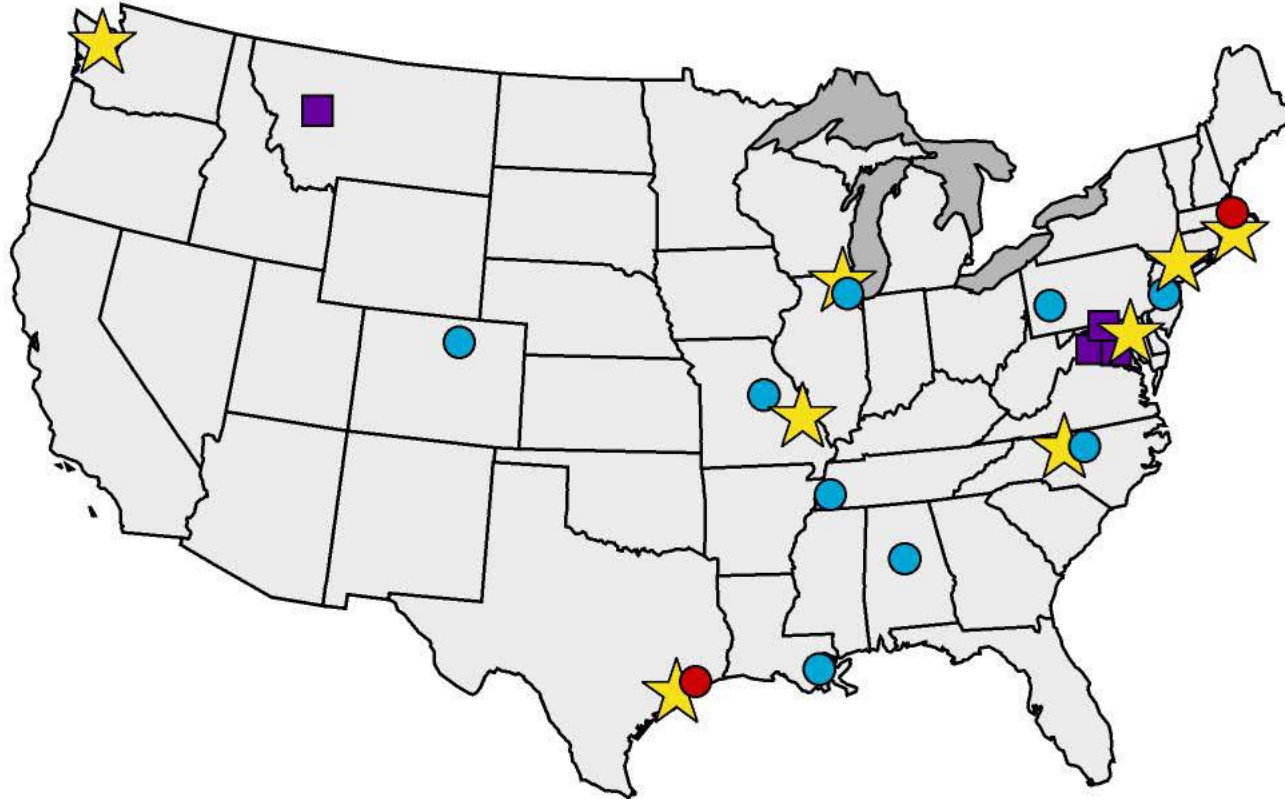
June 2004



January 2003

# Expansion of Biodefense Research Capacity

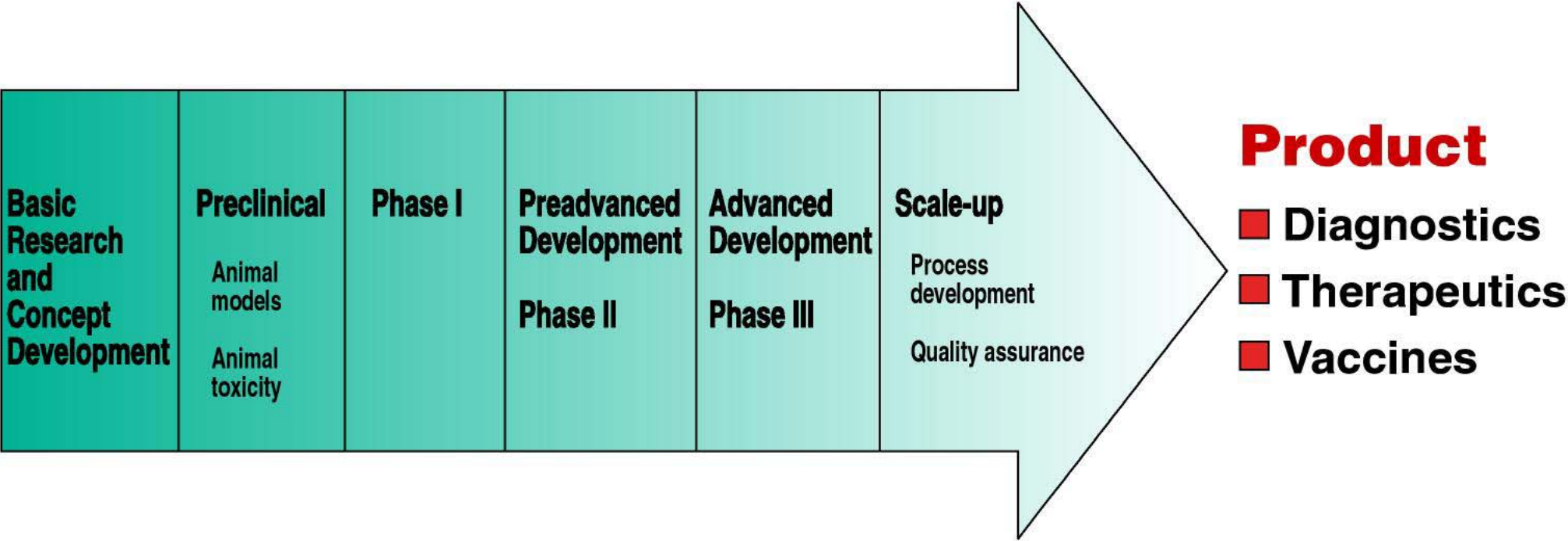
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- National Biocontainment Laboratories (BSL4) - 2
- Regional Biocontainment Laboratories (BSL3) - 9
- ★ Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases Research - 8
- New NIH Facilities - 4

# NIH Biodefense Research and Development Pathway

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# Countermeasure Development

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- **New and Improved Vaccines**  
(smallpox, anthrax, Ebola, tularemia, plague)
- **Therapies**  
(smallpox and anthrax therapeutics, botulism antitoxins)
- **Diagnostics**

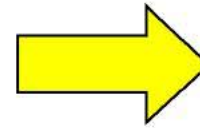


# Coordination of Biodefense Activities

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## NIH

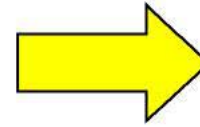
■ NIH Biodefense Research Coordinating Committee



NIH Institutes and Centers

## DHHS

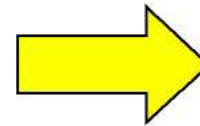
■ Office of the Assistant Secretary for Public Health Emergency Preparedness



NIH  
FDA  
CDC

## Federal Government

■ Homeland Security Council and National Security Council



Federal Agencies  
– DHS  
– HHS  
– DOD  
– Other relevant agencies

# **Research and Development Priorities Based on Threat Assessment**

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- **CDC Category A, B, and C agents**
- **Department of Homeland Security  
(DHS)**