NIH-RAID

Common Fund Translational Resources

Thomas Miller
September 14, 2010
NIH-RAID Facts

• Approved projects gain access to:
  – Therapy development expertise
  – Government contract resources

• No funds are awarded to the applicant organization

• Eligible organizations
  – Not-for-profit
  – Businesses eligible for SBIR
Available Services

- Small molecules, peptides, oligonucleotides, natural products, gene vectors, antibodies, recombinant proteins
- Product development planning
- Non-GMP and GMP Manufacture
- Formulation
- pK/ADME
- IND-directed toxicology
- Clinical supply
NIH-RAID Structure

- NIH-RAID office
  - NINDS
- Scientific staff
  - NCI
- Project Team
  - 13 ICs
  - Two subcommittees
- Contract resources
  - NCI
  - NHLBI
  - TRND
- Strategic oversight
  - NIAMS and NINDS Directors
  - OD/DPCPSI/OSC
NIH-RAID Project Team

• NCI – Jim Cradock
• NHLBI – Traci Mondoro
• NIA – Chhanda Dutta
• NIAAA – Nanwei Cao
• NIAID – Beth Spinelli
• NIAMS – Gail Lester
• NICHD – June Lee

• NIDA – Jane Acri
• NIDCD – Gordon Hughes
• NIDCR – Dwayne Lunsford
• NIDDK – Myrlene Staten
• NIMH – Jamie Driscoll
• NINDS – Linda McGavern
NIH-RAID Process

- Electronic submission
  - X01 Resource Access Award
- Responsiveness
- CSR review
- Meeting to formulate development plan
  - Brainstorm
  - Inherent flexibility
- Funding recommendation
  - Project Team subcommittee
NIH-RAID Successes

• 23 approved projects
• Six INDs
• Five clinical trials
• Three development partnerships
# Approved Projects

## Diseases
- Alzheimer's
- Beta-thalassemia
- Congenital hyperinsulinism
- Cytomegalovirus
- Depression
- Drug Abuse
- Epilepsy
- Friedreich's Ataxia
- Hepatic Fibrosis
- Hypogonadotrophic hypogonadism
- IBD/Crohn's
- Neuro-oncology
- Nieman-Pick
- Osteoarthritis
- Parkinson's
- Pleural Loculation
- Radioisotope contamination
- Schizophrenia
- Sickle cell
- Spinal Cord Injury

## ICs
- NCI
- NHLBI
- NIA
- NIAAA
- NIAID
- NIAMS
- NICHD
- NIDA
- NIDDK
- NIMH
- NINDS
Application Receipts

- 2005 – 9 submissions
- 2006 – 22 submissions
- 2007 – 13 submissions
- 2008 – 29 submissions
- 2009 – 33 submissions
- 2010 – 56 submissions (including LOIs)
Outlook

Potential to start 14 projects with “Excellent” or better priority scores in FY2011