The Role of Partnerships in Accelerating CCR’s Translational Research Progress

Robert H. Wiltrout
Director, CCR
Distinctive Qualities of CCR

• Critical mass of basic and clinical scientists solving complex scientific problems

• Can quickly redeploy resources to address:
  (a) NCI mission goals
  (b) Urgent public need
  (c) New opportunities

• Access to NIH Clinical Center
The Center for Cancer Research:
A Comprehensive Translational Research Program
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Molecular Targets and Molecular Oncology

Cancer Biology and Etiology

Immunology, Immunotherapy, and Immunoprophylaxis

Imaging and Biomarkers

Clinical Infrastructure and Support

Genetics and Genomics

Advanced Biomedical Technologies

HIV/AIDS Research

CCR Infrastructure
Infrastructure to Support Translational Multidisciplinary Research

- Molecular Targets
- Cancer Biology
- Immunology
- Genetics
- HIV/AIDS
- Imaging/Biomarkers
- Advanced Technology
- Clinical Infrastructure
- CCR Infrastructure

- Training
- Faculty
- COE
- Drug Dev
- Imaging
- Programs/Initiatives
- Cores
- HIV/AIDS
- Epi
CCR’s Mission Includes Establishing Partnerships

Including….but not limited to:

- CCR Lab/Branch Collaborations
- Trans-NCI Collaborations
- Trans-NIH Collaborations
- Intramural/Extramural Collaborations
- Partnerships with Industry
- Partnerships with Pharmaceutical Companies
- Partnerships with Other Federal Agencies
- National and International Consortia

…And of course, combinations of the above
Leveraging CCR Funds in Support of Intramural/Extramural Partnerships

- Cancer Imaging
- Ovarian Cancer Recurrence Trial
- Leukemia and Lymphoma Molecular Profiling Project
- HPV Vaccine
- Phase 0 Initiative
- Pediatric Preclinical Pharmacology Consortia
- Comparative Pathology Training Program
- Health Disparities
- SPORES
- 3-D Tomography
- Glioma Molecular Diagnostics Initiative
- Comparative Oncology Program
- Energy Balance Initiative
- Molecular Epidemiology Consortia
- Familial Cancer Consortia
- Trans-NIH Angiogenesis Research Program
- Multiple Ongoing Clinical Trial Collaborations
- Bioinformatics
- IL-15
A Strong Basic Science Foundation Facilitates Multidisciplinary Translational Research Partnerships

- **Mary Carrington, PhD**
  Host Immunogenetic Variation has Dramatic Consequences on HIV Disease
  - CCR Lab/Branch, Trans-NCI, Intramural/Extramural -

- **Javed Khan, MD**
  Microarrays and Artificial Neural Networks for Diagnosis, Prognosis and Selection of Therapeutic Targets & NanoBioSensor Initiative
  - Intramural/Extramural, Federal Agencies, National/International Consortia -

- **David Wink, PhD**
  “NO” Research with Potential for High Impact
  - CCR Lab/Branch, Trans-NCI, Trans-NIH, Intramural/Extramural, Industry -

- **Steven Libutti, MD**
  Highly Collaborative Angiogenesis Research Program
  - CCR Lab/Branch, Trans-NCI, Trans-NIH, Intramural/Extramural, Industry -