

NCI Alliance for
Nanotechnology
in Cancer

NCI Alliance for Nanotechnology in Cancer Value Proposition and Introductions

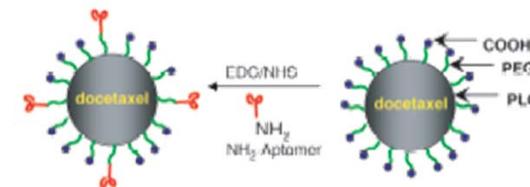
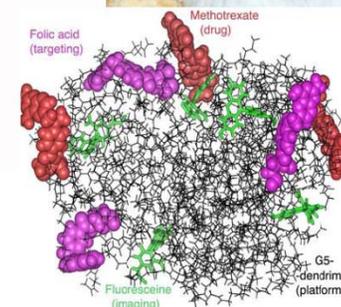
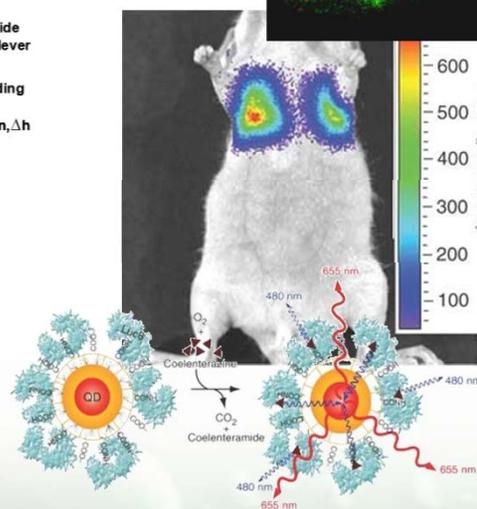
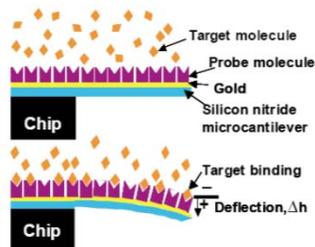
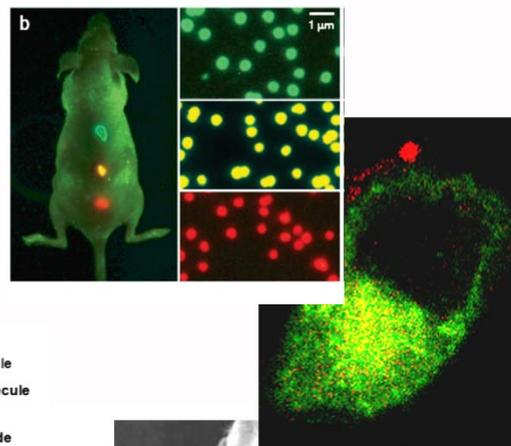
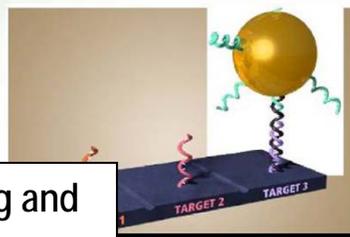
Steven T. Rosen, M.D.
Director, Robert H. Lurie Comprehensive Cancer Center
Northwestern University

Nanotechnology is an Enabler of New Solutions for Cancer

NCI Alliance for
Nanotechnology
in Cancer

Focus Areas:

- Molecular imaging and early detection
- In vivo imaging
- Reporters of efficacy
- Multifunctional therapeutics
- Prevention and control
- Research enablers



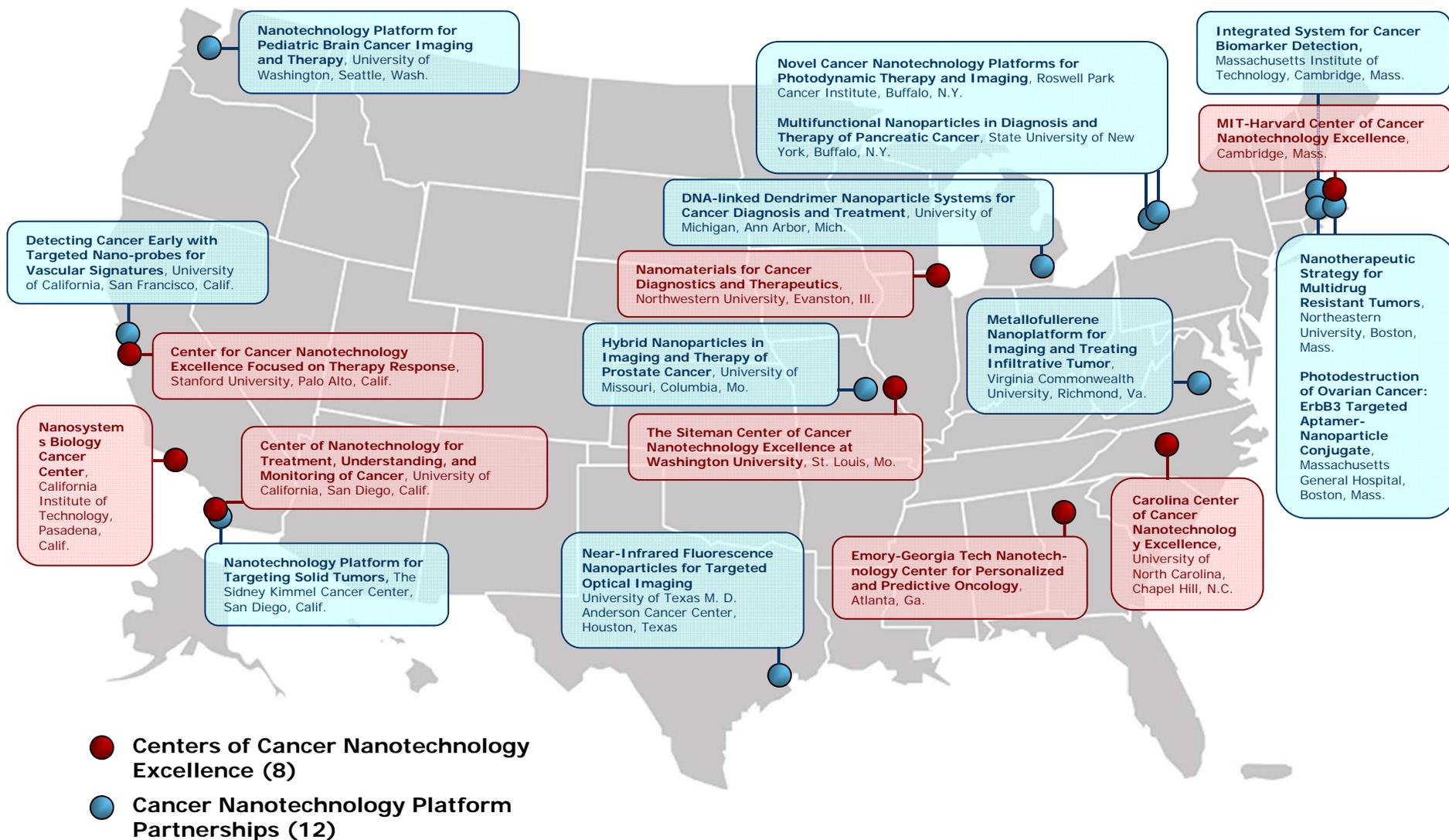
Early detection

Imaging

Therapy

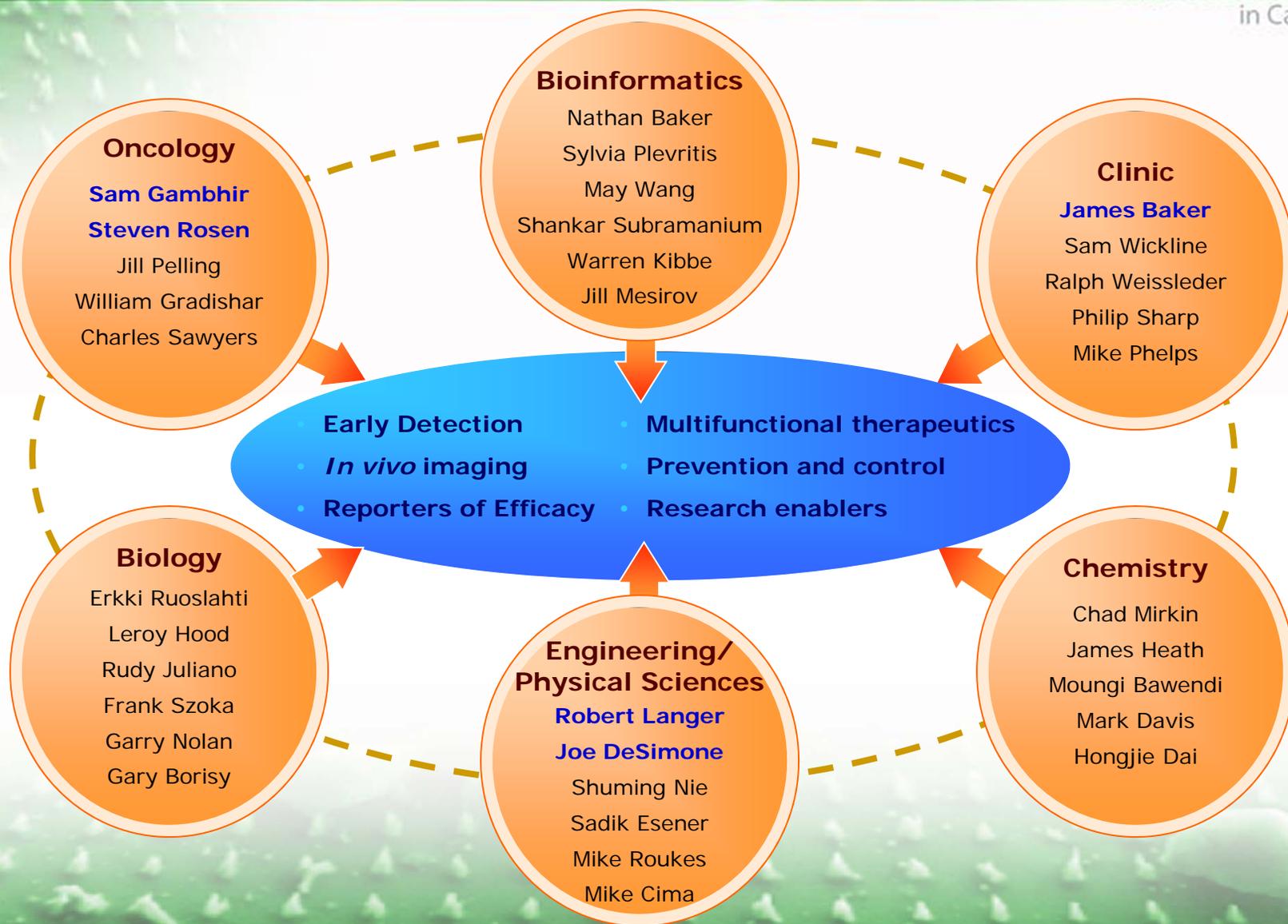
NCI Nanotechnology Alliance - Awards

NCI Alliance for
Nanotechnology



Multidisciplinary Team Science: Common Goal of Clinical Applications

NCI Alliance for
Nanotechnology
in Cancer



Agenda

NCI Alliance for
Nanotechnology
in Cancer

Dr. Barker
Dr. Grodzinski

Introductions

Dr. Steven Rosen
Northwestern U.

Introduction and Status of the
NCI Nanotechnology Alliance

Dr. Joseph DeSimone
U. North Carolina

Novel Platform Nanotechnologies for
New Cancer Interventions

Dr. Sanjiv Gambhir
Stanford U.

Integrated Nanotechnologies for Imaging
and Diagnostics

Dr. James Baker Jr.
U. Michigan

Multi-functional Nanotechnology Systems
for Cancer Therapy

Dr. Robert Langer
MIT

Leveraging Nanotechnology for Targeted Drug
Delivery and Biosensing

Dr. Steven Rosen

Summary