NIH/NCI Initiatives

Initiative – Title & Summary	Dates and set asides
NCI PA: Innovative Technologies for the Molecular Analysis of Cancer: Phase Innovation Award (R21/R33)/ SBIR/STTR (PAR-99-100; PAR-99-101) Development of molecular analysis tools to expand our understanding of the biological basis of cancers. The scope includes application of high-resolution imaging at the cellular or molecular scales, tissue samples, pre-clinical models, or clinical investigations as an important extension of molecular analysis methods.	• 3rd round in review • Fast-track process • No dollar cap for R33 • R21 not to exceed $100,000 • Receipt July 21, Nov 21, March 21 for 2 yrs
NCI PA: Applications Of Innovative Technologies For The Molecular Analysis Of Cancer: Phased Technology Application Award (R21/33)/SBIR/STTR (PAR-99-102; PAR-99-103) To evaluate the utility and pilot the application of molecular analysis technologies in studies relevant to cancer research. Molecular analysis technologies of interest include those that are entirely novel, or emerging but not currently in broad scale use, or technologies currently in use for one application or set of applications, that are being evaluated for utility for alternative applications.	• 1st receipt date July 21 • Fast-track process • No dollar cap for R33 • R21 not to exceed $100,000 • Receipt July 21, Nov 21, March 21 for 2 yrs
NIH PAS-99-010: Bioengineering Research Partnership Programs (BRP) . A BRP is a new NIH wide initiative to support a multidisciplinary research team applying an integrative, systems approach to developing knowledge and/or methods to prevent, detect, diagnose, and treat disease and understand health and behavior, and must include bioengineering expertise; i.e. basic and/or clinical investigators.	• Announced October 1998 • Initial receipt:March 28th 99. • Annual receipt : March 28th. • Maximum award is $2M/yr.
NIH PAR-99-009: Bioengineering Research Grants (BRG) New NIH wide initiative similar to the BRP initiative above, but R01- type awards, appropriate for a limited number of investigators/institutions.	• Announced October 1998 • Initial receipt: June 1st 1999. • Normal receipt dates (R01)
NIH PA 98-094 : Cerebral Radiobiology and Neuro-imaging of Brain Tumors. NIND and NCI invite applications to support research that will increase our knowledge of the genetic, molecular, cellular and physiological mechanisms of radiation-induced cell injury and recovery; i.e. for the central nervous system (CNS).	• Announced July 1998 • R01 or P01 Grants • Regular submission times
NIH PA 98-092: Shared Resources for Scientists Outside NCI Cancer Centers. Objective of the program is to provide groups of six or more NCI (R01 or P01) funded investigators (non NCI center based) with additional shared resource support.	• Announced July 1998 • Receipt date Nov 1998
Closed	
Visible Human Project Image Processing Tools (NLM) The National Library of Medicine (NLM) is seeking competitive proposals to develop an application programmer interface (API) and first implementation of a Segmentation and Registration Toolkit (SRT). The resulting system should be suitable for computer assisted exploration of the NLM Visible Human Project (VHP).	• Proposals due May 28, 1999 • Awards September 30, 1999
Novel Technologies for Noninvasive Detection, Diagnosis and Treatment of Cancer (BAA No. N01-CM-97065-32) To develop technology systems or systems components that will enable the sensing of defined signatures of different cancerous and precancerous cell types or their associated microenvironment in the body in a way that is highly sensitive and specific, yet non-intrusive.	• Receipt date: April 15, 1999 • Awards September 30, 1999

NCI DIP Funding Initiatives

RFA's and PA's : Title & Summary	Status:Dates/ Support set aside
NCI/DIP: RFA: CA –99- 002/004: Molecular/Functional Imaging Centers: (P20 Planning grants/ P50 Center grants). Grants are designed to support inter-disciplinary centers for functional imaging research (imaging sciences, chemistry, radio-pharmaceutical chemistry, cell and molecular biology, pharmacology, computer science and biomedical engineering).	• Due July 23rd. • 6 P20s to be funded FY99 • $2.4 M FY99 • 8 P50s (5yr)to be funded • (2 in FY99, 2 FY00- FY03) • $4.0 M FY99/ $55 M Total
NCI: DIP /OWH: PA: 99-082/ 083: Development and Testing of Digital Mammography Displays and Workstations (ROI/ SBIR/STTR). Integrate hardware, software and psychophysics research to optimize displays for digital mammography.	• Announced April 1999 • Regular submission dates • No set aside
NCI/DIP: PA: 98-008: Exploratory/Developmental Grants for Diagnostic Cancer Imaging (R21s). Exploratory/development grants (high risk/high impact) that articulate highly innovative research concepts in diagnostic cancer imaging; i.e. generate experimental preliminary data for RO1 funding for both new and established investigators.	• Announced Aug. 1997 • Regular submission dates • No set aside
CLOSED	
NCI/DIP: RFA: CA-97-020: Cooperative Trials in Diagnostic Imaging: Establish a single national Network of investigators to perform multi-institutional clinical trials in diagnostic imaging.	• Awarded to ACRIN • $3.0 M FY99/$23.0 M total
NCI/DIP RFA: CA-98-024: Development And Application of Imaging In Therapeutic Studies: Support for development and application of labeled therapeutic agents as compounds for imaging studies, and/or metabolic markers of response to therapeutic agents.	• Reviewed April 1999 • 6-8 grants to be funded • $2.8 M FY99 • $11.2 M Total
NCI/DIP RFA: CA-98-023: -Small Animal Imaging Resource Programs (SAIRPs): Support both: (a) inter-disciplinary shared imaging research resources to be used by cancer investigators and (b) research related to small animal imaging technology.	• Reviewed April 1999 • 3-4 grants to be funded • $4.5 M FY99 • $22 M total