

Office of Science
Notice of Intent to Issue Solicitation 02-21

Medical Applications Program

Department of Energy
Office of Science

The Office of Biological and Environmental Research (OBER) of the Office of Science (SC), expects to publish in the Federal Register a Solicitation for grant applications on or about March 6, 2002 to support radiopharmaceutical research for Noninvasive Radiotracer-cell Imaging (NRI) In Vivo. The specific goals include radiotracer labeling of progenitor cells for noninvasively imaging and tracking their behavior and fate in vivo and their overall role in organ and tissue regeneration in disease states. The applicants should clearly demonstrate the relevance and important clinical need of the research proposed. Special consideration will be given to applications arising from a well integrated, multidisciplinary team effort of scientists with relevant skills in radiopharmaceutical chemistry, biology, pharmacology and clinical nuclear medicine. The access to, or availability of specialized radiotracer-labeling and imaging instrumentation, equipment and facilities for real time imaging in animals to humans, will be important factors for funding considerations.

The deadline for submitting applications is expected to be approximately May 15, 2002. Applicants are being asked to submit a brief preapplication, which must be received approximately by April 1, 2002.

It is anticipated that approximately \$2 million will be available for multiple grant awards during Fiscal Year 2002 contingent upon the availability of appropriated funds.

For Further Information Contact:

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