

National Heart, Lung, and Blood Institute
CENTER FOR FETAL MONKEY GENE TRANSFER FOR HEART, LUNG, AND BLOOD DISEASES
REQUEST FOR PROPOSALS



Purpose: The Scientific Advisory Committee of the Center for Fetal Monkey Gene Transfer for Heart, Lung, and Blood Diseases located at the California National Primate Research Center at the University of California, Davis invites applications for projects to be conducted with rhesus monkeys.

Eligibility Requirements: Investigators with Principal Investigator status from any federally recognized institution with a funded grant supported by the National Heart, Lung, and Blood Institute (NHLBI) are invited to apply. Potential applicants are encouraged to contact Dr. A.F. Tarantal prior to submitting a letter of intent (aftarantal@ucdavis.edu).

Application Procedures: A letter of intent including a short summary (no more than 1 page) with the title, aims and goals, and participating investigators, with a copy of the abstract of the funded NHLBI parent grant, is required. Requests can be submitted throughout the calendar year for studies in all age groups.

Complete proposals will be requested after initial review by the Scientific Advisory Committee and NHLBI program staff, using the following format:

- Specific Aims and Hypotheses
- Experimental Plan
- Background and Significance
- Rationale for Studies in Monkeys

The entire application should not exceed 5 pages, excluding NIH biographical sketches for all participating investigators. Budgetary information based on the needs of the study will be provided. Travel, equipment, and personnel costs are not permissible. Funds may not be used to provide support for any projects that qualify for support from other sources.

Review Criteria: Proposals will be evaluated for scientific merit, compatibility with the Center for Fetal Monkey Gene Transfer for Heart, Lung, and Blood Diseases mission, justification for using monkeys, and feasibility for conduct.

Additional information can be obtained by contacting Dr. Tarantal (aftarantal@ucdavis.edu) or visiting the following website: <http://www.CFMGT.ucdavis.edu>

Examples of Services Available:

- Cell (autologous, allogeneic, xenogeneic) and gene transfer (systemic and organ-targeting)
 - In vivo imaging including ultrasound, optical imaging, and PET/CT (fetal to adult)
- Laboratory including cell and tissue processing and cryopreservation, cell culture, qPCR, immunohistochemistry, morphometry and microscopy, immune- and hematopoietic-based assays
 - Flow cytometry including immunophenotyping, cell sorting, and immunoselection
- Postnatal assessments focusing on the cardiovascular, pulmonary, and hematopoietic systems
 - Consultation for protocol development and design and study needs as required