REQUEST FOR APPLICATIONS:
NONHUMAN PRIMATE FEASIBILITY PILOT STUDIES

Wake Forest Primate Signature Program provides access to nonhuman primates (NHPs) and related resources for studies that advance the CTSA network's translational research. To assist new NHP researchers, the Wake Forest Primate Signature Program is providing funds for feasibility studies to be conducted using monkey-related resources accessed through the Program. In vivo studies will be conducted at Wake Forest with significant technical and faculty support with no requirement for the awardee to be on-site during the study. Ex vivo and data projects will be supported by sending data or samples to the investigator as needed. **The objective is to facilitate the collection of data from NHPs in support of applications for extramural funding**.

The Vervet Research Colony (VRC) consists of approximately 300 Caribbean-origin vervet monkeys (aka African green monkeys; *Chlorocebus aethiops sabaeus*), spanning neonatal to geriatric ages. The colony includes spontaneously hypertensive animals, as well as a small cohort of insulin-resistant and diabetic vervets for use in metabolic research. The animals, as well as lifespan phenotypic, tissue, and data repositories are available for use.

We are pleased to offer **two awards in 2020, each with a budget cap of $20,000**. We will consider scientific requests that translate preclinical or clinical observations, and encourage non-destructive studies. One award aims to target proposals that investigate blood pressure, hypertension, or vascular biology. A second award is open to all categories of research.

Examples of past studies have included assessment of:

- Safer infant anesthesia
- Novel PET imaging tracers/CT contrast agents
- Effects of allergen exposure
- Immune response of vervets to a native HIV envelope protein
- Therapeutic compound in lowering intraocular pressure
- Neonatal microbiome and its influence on health and disease
- Impact of diet and eating pattern on markers of diseases of aging
- Cerebrospinal fluid pharmacokinetics
- Muscle transcriptomics
- Developmental changes in lipid metabolism

Statement of Eligibility

Applications are open to faculty members of CTSA supported institutions or post-doctoral KL2 trainees at Wake Forest University or a networked CTSA institution.

Application Process

Applicants must submit a Letter of Intent (1 page maximum) by April 27, 2020 to: Feasibility Study LOI Submission Form . An invitation to apply, or notification that you have not been selected, will be sent by May 11. Please email primates@wakehealth.edu for guidance in developing a proposal.

Wake Forest® School of Medicine

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