Q1 Faculty Information:

Last name: Ke
First name: Hangjun
Faculty Position: Assistant Professor
Department: Microbiology and Immunology
Institution: Drexel Med
Phone: 2159918448
Email Address: hk84@drexel.edu

Q2 Type of Research?

Basic Science Research

Q3 Please describe your research interests:

My lab is interested in the mitochondrial functions of malaria parasites. The parasite mitochondrion is a major metabolic hub and a major antimalarial drug target. Understanding new biology will help us to develop novel antimalarials drugs.

Q4 Please provide a brief description of research opportunity/project(s):

1) Title of project(s): Mitochondrial fission mechanisms
   Brief Description: To elucidate mechanisms by which the single mitochondrion divides in the malaria parasite.
   Duration: 1 year
   Time commitment: 12 hours per week

Q5 Please indicate the specific level of experience required, if applicable:

First year medical student
Second year medical student