

## **LAM Foundation Research Awards**

Examples of competitive LAM proposals include those that focus on the genetic regulation of smooth muscle growth or the development of a smooth muscle cell line that is representative of the LAM lesion. Mechanistic, hypotheses-driven approaches of all types are welcomed. Formalin-fixed LAM tissues, dispersed LAM lung cells, genetic probes and other reagents are available.

Investigators are cautioned that putative LAM cell and animal models that are used in LAM Foundation proposals must be carefully validated. Cell lines derived from human tissues must be clonally isolated and genotyped to demonstrate the presence of mutations in both alleles of TSC1 or TSC2, both at the birth of the cell line and in the hands of the applicant. Dr. David Kwiatkowski at Brigham & Women's Hospital will perform the genotyping analysis without charge. Use of clonal cell lines from rodents, such as ILT3 and ERC15 cells, to confirm results is encouraged. Proposals that include poorly characterized cell lines or animal models will be returned without review.

### **LAM Post Doctoral Fellowship Awards**

These awards provide a maximum of \$50,000 per year, renewable for up to two additional years. More than 50 percent of the funds must be used for fellow salary support, and the maximum fellow salaries allowed are based on NIH guidelines for postdoctoral fellows. The balance of the funds may be used for fringe benefits, supplies or animal costs. No overhead or indirect costs are provided. Funds not spent are to be returned to The LAM Foundation at the end of each funding year.

### **LAM Established Investigator Awards**

Investigator awards provide a maximum of \$50,000 per year, renewable for up to two additional years. The structure and terms of this award are identical to the LAM Fellowship Award except that with the LAM Established Award, faculty level investigators are eligible to receive funding for technician support and supplies.

### **LAM Pilot Project Awards**

Pilot awards of up to \$25,000, are also available for the initiation of innovative research projects. Candidates must have at least two years of experience, an M.D., Ph.D. or equivalent degree, and perform the work in a laboratory with established expertise in smooth muscle biology or the genetics of tuberous sclerosis.

### **LAM Foundation Research Grants**

Scientists who wish to apply for LAM Foundation funding must submit a Letter of Intent (LOI). Letters of Intent must reach The LAM Foundation by July 30th.