

Many open positions in the laboratories of Stephen G. Young and Loren G. Fong at UCLA!!

Stephen and Loren are professors of medicine at UCLA. Since moving from UCSF to UCLA in 2004, we have worked as a team to define basic mechanisms for plasma triglyceride metabolism, cholesterol metabolism in macrophages, and functions of the nuclear envelope in health and disease. Since 2004, we have published >250 papers (~75% on lipid metabolism and ~25% on the nuclear envelope). We are at the forefront of both fields. We test our hypotheses with a wide variety of basic experimental approaches in molecular biology and cell biology. We are experts in advanced imaging (confocal and mass spectrometry-based imaging) and physiologic studies in genetically modified mice.

Currently, we are fortunate to have generous grant funding, and the funding picture is rosy for the next five years. *We have many openings in our laboratory.* (Recently, several trainees have graduated or found permanent positions, and there have been Covid-related impediments to hiring at UCLA.)

Open positions:

1. Postdoctoral fellow to study the physiologic functions of nuclear lamins and nuclear dynamics in human disease. Requirements will include a Ph.D. (or M.D.) degree and years of experience in molecular and cellular biology (molecular cloning, cell transfections, western blotting, immunohistochemistry, microscopy, mouse experimentation, computer graphics, manuscript preparation).

2. Postdoctoral fellow to study intravascular triglyceride metabolism. Requirements will include a Ph.D. (or M.D.) degree and years of experience in molecular and cellular biology (molecular cloning, western blotting, immunohistochemistry, microscopy, mouse experimentation, computer graphics, manuscript preparation).

3. SRAIII position to work on nuclear envelope and triglyceride metabolism projects. Requirements: Bachelor's degree and/or master's degree in the biological sciences; 5 years of basic biomedical research experience; experience with immunohistochemistry and confocal microscopy; experience in using mouse models for physiological experiments (*e.g.*, mouse handling, mouse perfusion, tissue harvesting); experience in molecular cloning; experience in cell culture of mammalian cells and insect cells including cell transfections and generation of stable cell lines; experience with PCR and quantitative PCR. Experience with transmission electron microscopy and scanning electron microscopy is highly desirable.

4. SRAII position to work on nuclear envelope and triglyceride metabolism projects. Requirements: An undergraduate degree in science, at least 2 years of full-time biomedical research experience, with well-established skills in mouse breeding, cell culture, cell transfections, western blots, and experience with basic laboratory equipment (centrifuges, spectrophotometer, PCR machines, pH meter, balances, gel electrophoresis, confocal microscopes).

5. SRAI position to work on nuclear envelope and triglyceride metabolism projects. Requirements: an undergraduate degree in science, at least 1 year of full-time biomedical research experience and well-developed skill sets (*e.g.*, mouse breeding, cell culture, cell transfections, western blots, and experience with basic laboratory equipment).

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