

## Multiple Postdoctoral Fellow Positions - Ambati Lab, University of Kentucky

Employer: University of Kentucky, Department of Ophthalmology & Visual Sciences

Website: <http://www.mc.uky.edu/angiogenesis/>

Location: Lexington, KY, USA

Type: Postdoctoral

Multiple postdoctoral positions are immediately available in the Ambati Lab at the University of Kentucky, a recipient of the 2014 NIH Director's Pioneer Award:

<https://commonfund.nih.gov/pioneer/Recipients14>

Energetic and talented individuals are sought to join a group that has made pioneering contributions to age-related macular degeneration as well as ocular angiogenesis.

Applicants should hold PhD, MD, or equivalent degree(s), and 1 to 3 years experience in a basic science laboratory, with the ability of unsupervised planning, execution, data collection, and analyses. Candidate needs to be a strong communicator who works well in a team setting. Good command of written and spoken English are essential. The ideal candidate will possess significant basic science knowledge using advanced techniques in molecular biology or bioinformatics, including: next-generation nucleic acid sequencing and analysis, CRISPR/Cas9-based targeted genome editing, protein isolation and characterization, Western, IP, 2-DIGE, ELISA, immunofluorescence, confocal microscopy, RNA isolation and characterization, qPCR, oligo-arrays, *in vivo* imaging, cell culture and transfection. Applicants that have previous research experience with genome/transcriptome analysis, next-generation sequencing, retrovirology, and transposable element biology are preferred. Computer skills are necessary for data analysis and interpretation with expected proficiency in Windows, Office, AdobeSuite applications, SPSS or other statistical software, and ImageJ.

Representative Publications:

<http://www.sciencemag.org/content/346/6212/1000.long>

[http://www.cell.com/abstract/S0092-8674\(12\)00467-9](http://www.cell.com/abstract/S0092-8674(12)00467-9)

<http://www.nature.com/nature/journal/v471/n7338/full/nature09830.html>

<http://www.nature.com/nature/journal/v460/n7252/full/nature08151.html>

<http://www.nature.com/nm/journal/v15/n9/full/nm.2018.html>

<http://www.nature.com/nature/journal/v452/n7187/full/nature06765.html>

Interested applicants can e-mail a cover letter, CV and 3 letters of reference to Dr. Ambati at [jamba2@email.uky.edu](mailto:jamba2@email.uky.edu)