Viral pathogenesis

A postdoctoral training position is available in the laboratory of Dr. J. David Beckham, in the department of Internal Medicine UT Southwestern Medical Center to study viral pathogenesis. The Beckham lab is funded by the NIH and broadly studies arbovirus pathogenesis with a focus on flavivirus, bunavirales, and alphaviruses. The laboratory has several funded projects to study RNA structure and function in the 3’UTR of flaviviruses with an aim to develop novel vaccine approaches. The laboratory is also funded to study the fundamental mechanisms of innate and acquired immune responses in the central nervous system.

Work performed in this role will use clone-derived virus models, tissue culture, and murine models of arbovirus infection to define the innate and acquired immune responses to virus infections. This position will provide education, supervision, and training for other trainees in a diverse laboratory setting as assigned by the PI. Inter-professional skills are vital and required for close collaborations with multiple ongoing projects within the laboratory.

Qualifications
Candidates must hold a recent Ph.D. and/or M.D. degree in microbiology, molecular biology, biochemistry, immunology, virology or equivalent.
Established laboratory experience with molecular virology, tissue culture, mouse models of virus infection, flow cytometry, or other advanced research skills in the field of virology is required.
Pass the University required examinations concerning handling of radioactive materials, hazardous chemicals and hazardous biological specimens.
1-2 years of animal work experience, virology experience, or experience in biocontainment laboratory work.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at http://www.utsouthwestern.edu/postdocs.

Interested individuals should send a CV, statement of interests, and a list of three references to:

J. David Beckham, M.D.
Professor, Division Chief
UT Southwestern Medical Center
Department of Medicine, Division of Infectious Diseases and Geographic Medicine
5323 Harry Hines Blvd.
Dallas, TX 75390-9113
John.Beckham@UTSouthwestern.edu
John Beckham, M.D. - Faculty Profile - UT Southwestern

UT Southwestern Medical Center is committed to an educational and working environment that provides equal opportunity to all members of the University community. As an equal opportunity employer, UT Southwestern prohibits unlawful discrimination, including discrimination on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, citizenship status, or veteran status. To learn more, please visit: https://jobs.utsouthwestern.edu/why-work-here/diversity-inclusion.