

Postdoctoral Training Opportunities

Principal Investigator: **Erwin G. Van Meir, PhD**, Professor, Department of Neurosurgery; Member, O'Neill Comprehensive Cancer Center; University of Alabama at Birmingham (UAB), Birmingham, AL, evanmeir@uab.edu

Postdoctoral fellow positions are available to participate in NIH-funded studies of molecular mechanisms and therapy development for cancer. Fellows are expected to be independent, capable of leading their own research projects and be in charge of all aspects of their project from project conception, data generation and analysis to grant submissions and preparation of scientific publications under the guidance of the PI.

Available projects include:

- 1) Tumor suppressor functions of adhesion GPCR BAI1 in brain tumors
- 2) Role of adhesion GPCR receptor BAI3 in WNT medulloblastoma formation
- 3) Defining the mechanisms of new small molecule anti-cancer therapeutics
- 4) Mechanisms of cancer resistance to therapy

The laboratory has an established track record of translational research in the field of cancer and applicants are encouraged to do a Pubmed search under "van meir e" or access the PIs google scholar profile: <http://scholar.google.com/citations?user=zulNnq0AAAAJ&hl=en> to familiarize themselves with the lab's research.

The laboratory is located in the Wallace Tumor Institute and is part of the NCI-designated O'Neil Comprehensive Cancer Center (<https://www.uab.edu/onealcancercenter/>), thus providing an outstanding and stimulating scientific environment with multiple supportive core facilities and shared resources. UAB is committed to the development and success of outstanding postdoctoral scientists. The Office of Postdoctoral Education (OPE) at UAB provides mentoring and career guidance. Competitive postdoc awards are available including internships, grant incentives, funds to enhance education and collaboration outside UAB. Postdoctoral scholars qualify for health, life, and other insurances. They may also have the right to participate in the university's 403(b) program and enjoy vacation, sick leave, maternity/paternity leave, and other benefits.

Candidates should have a Ph.D. or equivalent in the biomedical sciences (molecular biology, biochemistry, cancer biology, drug discovery and related disciplines), mastery of oral and written English and hold a valid working permit. Prior experience with animal models of cancer and bioinformatics are an advantage. The initial appointment is set for 6 months, followed by annual renewal based on mutual agreement. Salary is commensurate with experience and NIH guidelines. Interested applicants should send application materials by email to evanmeir@uab.edu. The application materials should include: a current CV with names and contact information of three references and a brief statement of career goals, research background and interests. UAB is an Equal Opportunity/Affirmative Action employer. Candidates from all backgrounds are encouraged to apply.

Finally, Birmingham, dubbed the Magic City is an engaging mid-size metropolis that offers an attractive lifestyle with many cultural and gastronomic attractions and is surrounded by rolling hills featuring beautiful housing amongst oak and pine canopies. UAB is an urban campus located in downtown Birmingham, walking distance from many restaurants, breweries and museums.

<https://www.nytimes.com/interactive/2017/06/15/travel/what-to-do-36-hours-in-birmingham-alabama.html>

<https://www.10best.com/destinations/alabama/birmingham/>

https://www.foodandwine.com/news/andrew-zimmern-favorite-small-city-food?utm_medium=social&xid=soc_socialflow_facebook_fw&utm_campaign=foodandwine&utm_source=facebook.com