



FELLOW, ONCOLOGY RESEARCH – Southern Research, Birmingham, AL

SOUTHERN RESEARCH, a nonprofit, scientific research organization, is seeking an outstanding scientist for the position of Fellow in the field of Oncology. The position is equivalent to the rank of Assistant, Associate or Full Professor in an academic institution (depending on the incumbent's experience) and offers a unique opportunity to join the growing research team at Southern Research. Southern Research promotes a collaborative research environment to facilitate the multidisciplinary nature of drug discovery, accomplished internally through integration of basic biology, translational research, chemistry, and high-throughput screening, and also through its regional, national and international academic and industrial partnerships. The Oncology Department is focused on combining novel basic research and discovery to identify next generation cancer therapeutics. In contrast to traditional academic environments, Southern Research's Oncology Department offers the opportunity for the individual to focus exclusively on engaging in research and professional development activities for advancement and development of new research ideas, support for the research team, and overall ability to make innovative advances in scholarly work portfolios.

The Fellow of Oncology requires distinguished scholarship, including 10+ years of research experience in the field of oncology from any one of a number of concentrations, including cancer immunotherapy, cancer stem cells, cancer genomics, cancer pharmacogenomics, cancer microbiome, cancer pharmacology, genomic instability, or closely related area, and an ongoing extramurally-funded research program related to drug discovery. Southern Research desires a collegial, collaborative and outstanding scientist to cultivate mentorship and lead research within the Oncology Department. To be considered, applicants must: 1) possess a Ph.D., M.D. or M.D./Ph.D. (or equivalent) in biomedical sciences or related disciplines, 2) have demonstrated the ability to drive advancements in the field of cancer research through significant contribution to the discipline, and 3) complement the institution's and department's commitment to excellence. Interested applicants who meet these qualifications should submit a curriculum vitae outlining academic history (awards, publications, funding) and a 1-2 page description of prior research experience, including a description of future research goals.

Southern Research is a not-for-profit research organization that has been in operation since 1941. Over the last several years, Southern Research has made significant investments in new research laboratories and equipment, offering 450,000 square feet of office and research laboratory space. The life sciences division consisting of >70 scientists, boasts state-of-the-art Chemistry and High-Throughput Screening Cores, a centralized animal facility, and a Biosafety Level-3 facility available for carrying out select agent handling research. The organization focuses on three therapeutic areas: oncology, infectious disease, and neurological disease, and fosters a highly collaborative, interdisciplinary research environment. Continuously funded by the National Institutes of Health and other federal and private organizations, we have had long-standing success in drug discovery and development. Six FDA-approved anticancer drugs (lomustine, carmustine, dacarbazine, fludarabine, clofarabine, and pralatrexate) and one cytoprotective agent (Ethyol) to reduce toxicities associated with cancer chemotherapy and radiotherapy have been discovered at Southern Research. Additional anticancer drugs have advanced to clinical trials. Over the last two decades, the Cancer Research Program has received more than 90 million dollars in NIH funding. Notable cancer researchers who belonged to the institution include Howard Skipper, John Montgomery, Frank Schabel and Lee Bennett Jr.

As part of a large biomedical research community, Southern Research is committed to providing a stimulating and rewarding work environment. Southern Research has numerous academic collaborations, including an affiliation with the University of Alabama at Birmingham (UAB), a major medical and educational center within walking distance. The UAB Medical Center, affiliated research centers, and campus departments afford opportunities for basic science and clinical collaborations. Many of our faculty members have adjunct appointments in the basic sciences departments, are members of UAB's National Cancer Institute (NCI)-designated Comprehensive Cancer Center, are involved in UAB's Clinical and Translational Science Award program, Center for Clinical and Translational Science (one of only 62 in the nation, and only one in Alabama), and collaborate with UAB investigators through the Alabama Drug Discovery Alliance. Faculty at Southern Research maintain collaborations with numerous investigators at UAB and have the opportunity to serve as thesis mentors to UAB undergraduate and graduate students. Southern Research is also one of 14 Centers of Excellence for Translational Research (CETR) designated by the National Institute of Allergy and Infectious Diseases (NIAID), and serves as a Core for the UAB Countermeasures against Chemical Threats (CounterACT) Research Center of Excellence in Arsenicals funded by the National Institute of Environmental Health Sciences (NIEHS). Southern Research has a long-standing record of continuous funding by the NIH and other federal organizations, foundations and private enterprises.

The position is open for Southern Research's main Birmingham campus. BIRMINGHAM, ALABAMA has a high standard of living afforded by a moderate climate, beautiful wooded terrain, outstanding residential communities and schools, world-class healthcare, below the national average for cost of living, and a vibrant arts and entertainment scene. One of the largest banking centers in America, Birmingham is also strong in economic areas such as education, healthcare, insurance and manufacturing. Several college campuses are available to students, and the city is considered the cultural and entertainment hub of Alabama for museums, art galleries, and the performing arts.

General Summary

This is an exciting opportunity to facilitate basic, translational and clinical research in oncology within a world-renowned and veteran institution for anti-cancer drug discovery. In contrast to traditional academic environments wherein the faculty's time is split between research, teaching and administrative responsibilities, Southern Research offers the unique opportunity for the faculty member to engage exclusively in research and professional development activities. The incumbent will function as a well-studied, collaborative leader and mentor who manages self-funded programs within the Drug Discovery Division and can assist with developing the next generation cancer therapies. The successful candidate will have a strong track record of competitive funding and research publications, and is expected to contribute significantly to the growth of the Division.

Key Responsibilities

- Must independently design a research program and be responsible for all work pursued in their laboratory.
- Ability to function as an independent investigator who manages a research program.
- Accountable for advancing research in a specified area.
- Sought out both internally and externally as a scientific/technical specialist in a field of research.

Position Specific Responsibilities

- Applies learned skills in project management methodology to ensure that research grants/research contracts are effectively managed
- Ensures quality of product and/or service delivered; manages project budget and project risk factors
- Publishes work in high quality journals
- People reporting relationships may be a combination of direct and/or indirect. If role has direct reports, incumbent will receive training in HR-related processes including performance management, salary administration, discipline, and hiring.
- Provides training and development opportunities for both indirect and/or direct reports as necessary
- Provides resolutions to diverse range of complex scientific problems
- May sit on national advisory committees
- Uses judgment within defined policies, practices and procedures
- Ensures compliance to all regulatory and safety requirements for work with select agents
- Observes appropriate safety requirements
- Perform other duties as may be required by supervisor

Requirements/Minimum Qualifications

- Ph.D., M.D., or M.D./Ph.D. (or equivalent) in Cancer Biology, Biochemistry, Molecular Biology, Pharmacology, or a related discipline
- Research emphasis in cancer immunotherapy, cancer stem cells, cancer genomics, cancer pharmacogenomics, cancer microbiome, cancer pharmacology, genomic instability, or closely related areas
- 10+ years of independent research experience
- Must have an actively funded research program
- Excellent written & oral communications skills
- Ability to write successful grant proposals
- Track record obtaining significant external research funding
- Must be recognized as a scientific/technical specialist in a field of research
- Strong project management skills
- Knowledge of use of protective equipment and safety protocols
- Must be eligible to work in the United States without employer sponsorship.

Interested candidates may apply via the Southern Research careers page at the following URL:

<https://southernresearch.org/careers/available-positions/?gnk=job&qni=8a78879f7239c8140172dd6ece676d39>