Job title: **Cell Biologist for Alzheimer's Initiative Involving Cellular Therapies**

Position: Cell Biologist - Alzheimer's Initiative

Location: Greenwood Genetic Center, 113 Gregor Mendel Circle, Greenwood, SC 29646

Department: Research Division

Reports to: Dr. Richard Steet, GGC Director of Research

Job Summary:

We are seeking a highly skilled and motivated Cell Biologist to join Greenwood Genetic Center (GGC) within our Research Division. The selected candidate will play a crucial role in our new Alzheimer's Initiative focused in the development and cGMP scale-up of cellular therapies, and will perform functional genomic studies on rare genetic disorders. The successful candidate will work in collaboration with our Research team and be responsible for handling human and animal cell lines, as well as contributing to the development and optimization of cellular therapies.

Company Overview:

Greenwood Genetic Center (GGC) is a nonprofit institute organized to provide clinical genetic services, diagnostic laboratory testing, educational programs and resources, and research in the field of medical genetics. We aim to provide cutting-edge research and innovative solutions to improve the lives of patients and families affected by genetic conditions, including neurodegenerative disorders like Alzheimer’s. With state-of-the-art facilities and a team of talented researchers, GGC offers a dynamic and collaborative work environment for professionals passionate about making a difference in the field of biotechnology and treatment for genetic disorders.

Responsibilities:

1. Collaborate with the Research team to develop and optimize cellular therapies targeting Alzheimer's disease.
2. Perform experiments and studies involving human and animal cell lines to assess the efficacy and safety of novel therapeutic approaches.
3. Cultivate and maintain cell cultures to support ongoing research efforts and cGMP scale-up procedures.
4. Implement and follow standard operating procedures (SOPs) for the handling, storage, and disposal of cellular materials.
5. Contribute to the design and execution of preclinical studies to assess the in vivo effects of cellular therapies.
6. Utilize advanced laboratory techniques, including flow cytometry, cell sorting, and molecular biology methods, to analyze cellular responses.
7. Record and analyze experimental data, generating comprehensive reports for presentation to the research team and upper management.
8. Work in compliance with all applicable regulatory guidelines and safety protocols.
9. Stay up-to-date with the latest advancements and research findings in the field of cellular therapies for Alzheimer's disease.
10. Mentor and train junior team members, fostering a collaborative and innovative work environment.

Qualifications:

1. Master's (MS) degree or Doctorate (PhD) in Cellular Biology, Molecular Biology, or a related field with a strong focus on neurobiology or neurodegenerative diseases.
2. Proven experience in handling human and animal cell lines, with expertise in cell culture techniques and aseptic practices.
3. Demonstrated expertise in the development and optimization of cellular therapies, ideally in the context of neurodegenerative diseases.
4. Experience with cGMP procedures and scale-up processes for cellular therapies will be highly advantageous.
5. Proficiency in utilizing advanced laboratory techniques, such as flow cytometry, cell sorting, and molecular biology methods.
6. Strong analytical and problem-solving skills, with the ability to interpret complex data sets.
7. Excellent organizational skills, attention to detail, and the ability to manage multiple projects concurrently.
8. Effective communication and presentation abilities, with the capacity to work collaboratively in a multidisciplinary team environment.
9. Knowledge of relevant regulatory guidelines and compliance requirements in the biotechnology and cellular therapy fields.
10. A genuine passion for making a meaningful impact on patients' lives through groundbreaking research and development.

Physical requirements:

1. Prolonged periods of standing and bending
2. Prolonged periods of sitting at a desk and working at a computer
3. Must be able to lift 25 pounds at times

To Apply:

If you are an ambitious and dedicated Cellular Biologist with a strong interest in developing cellular therapies to combat Alzheimer's disease, we encourage you to apply for this exciting position at Greenwood Genetic Center (GGC). Please submit your resume and cover letter at [careers@ggc.org](mailto:careers@ggc.org) under the position heading " Alzheimer's Initiative Cell Biologist – Greenwood, SC". Please contact Dr. Richard Steet (GGC Director of Research) with any inquiries prior to submitting an application for employment.

At Greenwood Genetic Center (GGC), we value diversity and are an equal opportunity employer. We look forward to welcoming a talented and driven professional to our team to contribute to our groundbreaking Alzheimer's Initiative.