



**JOB TITLE:** Research Associate – In Vivo

**DEPARTMENT:** 110 – In Vivo

**ABOUT BRAINCELLS:**

BrainCells Inc. (BCI) is a biopharmaceutical company focused on the development of breakthrough small molecule therapeutics for diseases of the central nervous system (CNS). The Company's technology platform is based on pioneering research in the field of neurogenesis and recent discoveries linking neurogenesis to CNS disease states (for details of the scientists and clinicians involved in the company see <http://www.braincellsinc.com/company/people/scientific-advisory-board>).

BCI is using its neurogenesis technology platform to identify clinical-stage compounds, novel targets and compounds optimal for CNS indications. BCI is building a pipeline of clinical-stage programs to address unmet medical needs in the treatment of mood disorders, psychoses, cognition, brain repair syndromes and other CNS disorders.

**SUMMARY:**

Seeking a candidate with three or more years of experience using experimental animal systems for the discovery of new therapies in the area of central nervous system disease. Familiarity with the design and use of standard screening procedures for investigating new chemical entities would be an advantage. Candidate should be familiar with a wide variety of *in vivo* and *ex vivo* techniques for the study of animal neuroscience and should have extensive experience in handling rats and mice with chronic dosing using multiple routes of administration. Experience with design, documentation and execution of experiments is required. The successful candidate would be expected to directly participate at the bench, execute and analyze experiments and present data to the team for in depth discussions and trouble shooting. The candidate would be expected to contribute to and integrate significantly into a team environment. The candidate should have enthusiasm for investigation of novel ways of addressing complex neurobehavioral paradigms for use in drug discovery. A Bachelors Degree is required.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Following detailed instructions, conducts *in vivo* experiments according to study protocols.
- Contributes to developing new neuroscience methods applied to *in vivo* experimentation.
- Takes ownership of experimental work from conception to reporting.
- Performs drug preparation and administration.
- Performs clinical observations on testing animals.
- Carries out tissue/ blood sample collection and necropsy.
- Assists in tissue processing and staining.
- Records experimental data and reports findings to appropriate individuals.
- Organizes and maintains experimental records.
- Performs general laboratory housekeeping and adheres to safety procedures.
- Reviews, comprehends and complies with all SOP's and internal guidelines.
- Performs other duties as assigned.



**KNOWLEDGE/SKILLS/ABILITIES REQUIRED:**

- A BS/BA degree or equivalent in the biological sciences.
- Excellent academic record.
- 3+ years related experience
- Experience conducting basic *in vivo* procedures, such as drug preparation and administration, animal handling and care.
- Experience with design, documentation and execution of experiments.
- Excellent record keeping, attention to detail and communication skills.
- Thorough knowledge of MS Office products.
- Ability to work well with superiors and co-workers in a laboratory and office environment.
- Ability to change tasks quickly and still maintain attention.
- Ability to regularly lift, push, or pull up to 25 pounds.

**PHYSICAL DEMANDS:**

- While performing the duties the employee is:
  - constantly required to reach computers and other office equipment as well as animals and animal cages
  - constantly required to view objects at close and distant ranges
  - frequently required to communicate with others
  - frequently required to sit
  - frequently required to stand
  - frequently required to use fine manipulation and simple grasping in order to handle animals and related laboratory equipment and to utilize the computer and other standard office equipment such as telephone, fax machines, copiers, etc.
  - frequently required to lift and transport items weighing up to 25 lbs.
  - may occasionally be required to travel to meetings and tradeshow
- Equipment typically used: Computers, laboratory equipment.

Note: For the purpose of this summary, occasionally is used to represent up to 1/3 of the time given to the work day, frequently represents 1/3 to 2/3 of the time and constantly represents 2/3 or more of the time.

To apply, send cover letter and resume to [hrdirector@braincellsinc.com](mailto:hrdirector@braincellsinc.com).

**WORK ENVIRONMENT:**

Employee frequently works in an animal laboratory environment with a moderate amount of noise and activity. The work environment is fast-paced and demanding. Overtime duties may be required as assigned by manager.

*Employee's acknowledgement:* I acknowledge by my signature below, that the duties listed on this job description represent those tasks falling within my immediate responsibility. I must inform my immediate supervisor and the Human Resources Department should I have a significant change in duties and responsibilities after signing this job description.

\_\_\_\_\_  
Signature of Employee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print name of employee