



**Junior Research Technician**  
Position Description

Position Title:	Junior Research Technician in TICRO Bioservices
Reports To:	Shelton Bradrick, Ph.D.
Status:	Non-Exempt
Job Type:	Full-time
Supervises:	N/A
Location:	Saranac Lake, NY

**The Team:** TICRO Bioservices at Trudeau Institute is rapidly growing its Research Service Group which provides high quality *in vivo* translational research studies to early preclinical phase vaccine and therapeutic product development for pharmaceutical, biotech and academic partners on a global scale. The research performed includes microbiology, virology and immunology as applied to a broad range of critical-path studies for R&D advancement. Studies involve BSL2 and BSL3 pathogens of high relevance to human health and disease. Using established models, our platform and team provides our partners the ability to assess the efficacy and/or elucidate the mechanism of action of their vaccines and therapeutic compounds in early phase (non-GLP) preclinical evaluation.

**Your Role:** In your role as a Junior Research Technician will be a highly motivated individual interested in learning and becoming proficient in laboratory techniques and skills as well as small animal models. The candidate will eventually be responsible for assisting with and performing laboratory duties as directed in support of *in vivo* and *in vitro* research projects yielding highly reliable and reproducible data essential for biomedical research.

**What You'll Do:**

- Work alongside Research Technicians, Program Managers and Scientific Staff to learn scientific techniques and methods to develop skills necessary to take on independent work under guidance.
- Work towards full understanding of specific projects, while applying scientific rigor to work.
- Carry out experiments using established methods and standard operating procedures (SOPs), as well as assisting with the development of new methods to advance project goals.

- Collect, organize, and analyze data collected during studies and develop the ability to present the data to both team members, scientific staff, and collaborators.
- Develop the skills under guidance to grow and maintain cell lines using aseptic culture technique, working towards independent facilitation.
- Assist in reagent preparation and general lab upkeep.
- Learn to conduct biological and molecular assays.
- Collect and process samples for imaging and staining procedures.
- Learn to handle experimental animals for in vivo studies following standard protocols.
- Participate in regular lab/group meetings.
- Work in an environment handling biological, chemical, and infectious agents (e.g. bacteria, parasites, and viruses) after appropriate safety training in compliance with institutional workplace safety policies.
- Occasional holiday, evening, and weekend work required.

Experience, Knowledge and Skill Requirements:

- Successful candidates will hold a High School Diploma and have an interest in pursuing a career in science.
- Preferred candidates will have experience in handling animals.
- Ability to learn standard laboratory procedures, equipment, and record-keeping skills.
- Knowledge of computer software applications, e.g. MS Office Word, Excel, and PowerPoint; familiarity working with GraphPad Prism is a plus.
- Must be self-motivated, flexible, and capable of learning new skill sets.
- Excellent organization skills, time-management skills, and attention to detail.
- Strong work ethic and ability to thrive in a fast-paced, complex working environment.
- Highly effective oral and written communication skills.

Starting Pay:

- \$21.54 per hour

*Lifting Requirements:*

	<b>SEDENTARY</b>	Lifting up to 10 pounds maximum and occasionally lifting and/or carrying small items (files, manuals, binders)
<b>X</b>	<b>LIGHT</b>	Lifting 20 pounds maximum with frequent lifting and/or carrying objects up to 10 pounds
	<b>MEDIUM</b>	Lifting 50 pounds maximum with frequent lifting and/or carrying objects weighing up to 25 pounds
	<b>HEAVY</b>	Lifting 100 pounds maximum with frequent lifting and/or carrying objects up to 50 pounds

	<b>VERY HEAVY</b>	Lifting objects in excess of 100 pounds with frequent lifting and or carrying objects weighing 50 pounds or more
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**Physical Demands:**

	Not Required	Occasional	Frequent	Constant
Bending		X		
Keying/Fingering				X
Hearing				X
Reaching		X		
Seeing				X
Speaking				X
Standing		X		
Walking		X		

**DEFINITIONS**

NOT REQUIRED: May be a routine part of the job, but the essential functions can be performed without this activity.

OCCASIONAL: Activity is needed to perform the essential functions of the job at random intervals.

FREQUENT: Activity is a usual and customary part of the essential functions of the job.

CONSTANT: Activity is continually occurring and required to perform the essential functions of the job.

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Employee Signature

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Date

To apply, send your resume and a cover letter to Kelsey Stanton, Human Resource Manager, Trudeau Institute, Inc. 154 Algonquin Avenue Saranac Lake, NY 12983 Fax (518) 891-5126  
[kstanton@trudeauinstitute.org](mailto:kstanton@trudeauinstitute.org)