

# Research Associate, Cell Processing and Analysis Products - STEMCELL Technologies

**Title: Research Associate, Cell Processing and Analysis Products**

Salary: not disclosed

Location: Vancouver

British Columbia

Job Description

STEMCELL Technologies Inc. is a privately-owned biotechnology company based in Vancouver that helps power leading-edge life science research around the world. Scientists performing stem cell, immunology, cancer, regenerative medicine and cellular therapy research are among those who rely on our cell culture media, cell separation products, instruments, ancillary reagents and contract assay services. We create novel, useful, standardized products of unfailing quality and deliver them to more than 70 countries via our many regional offices plus distribution centres in Vancouver, Seattle, Grenoble and Singapore. Driven by our love of science and our passion for quality, we see ourselves simply as “Scientists Helping Scientists” – standing by our customers to provide outstanding products, technical support and training. We have over 800 science-oriented employees globally, including 250 PhDs/MScs, with most others holding a BSc or engineering degree. STEMCELL is proud to be the largest Biotechnology employer in Canada.

Currently we have an opening for a **Research Associate, Cell Processing and Analysis Products**. As part of the Business Operations Department, this position reports to the Senior Manager, Private Label and Distributed Products. This position is responsible for testing products from potential partners and testing existing products, product components and competing products related to cell processing and characterization. You will also be responsible for product documentation, data analysis and reporting, troubleshooting experiments, and experimental design including controls and alternative read-outs, in addition to maintaining written records of laboratory procedures, experimental results and all lab work according to company standards.

## **DUTIES AND RESPONSIBILITIES:**

- Design own experiments with input from supervisor
- Perform data analysis and calculations independently
- Troubleshoot experiments and identify abnormal or unexpected trends in data
- Present data at R&D data meetings, provide conclusions and future plans
- Validate new products and new product components

- Perform literature reviews, discuss relevance to product design with supervisor
- Track competitor activity, discuss relevance with supervisor
- Source new product components
- Author technical documents, serve as custodian for approved documents
- Provide drafts of scientific abstracts for review
- Provide training on laboratory/product protocols to lab and sales staff
- Support quality management system (QMS) initiatives, adhere to QMS requirements

### **QUALIFICATIONS:**

- MSc in Biology, Biochemistry or a field related to STEMCELL products or BSc with equivalent scientific knowledge and experience (typically 5-7 years related experience)
- Hands-on sterile cell culture experience, preferably of mammalian cell lines without antibiotics
- Experience in cellular biology techniques including flow cytometry, ELISA and ELISpot assays, immunocytochemistry, transfection, toxicity assay, and cytokine activity assays
- Experience in molecular biology techniques, including cloning, PCR, qPCR, microarray
- Excellent verbal and written communication skills
- Documented ability to multi-task and work well in a team

This is an opportunity to work with highly motivated colleagues in a science-oriented, creative and dynamic environment. We offer a competitive salary, excellent benefits and significant career development opportunities. If you are interested in this challenging and rewarding position, please apply [here](#)

## **T-Chart: Research Associate, Cell Processing and Analysis Products - STEMCELL Technologies**

<b>Employer Requirements</b>	<b>How I meet them / where / evidence</b>
MSc in Biology, Biochemistry or related field	M Sc. Cell and Systems Biology
Hands-on sterile cell culture experience, preferably of mammalian cell lines without antibiotics	Master's research - Culturing tissues from mouse cell lines
Experience in cellular biology techniques including flow cytometry, ELISA assays, immunocytochemistry	Undergrad ROP ELISA immunoassays and Western Blot
Experience in molecular biology techniques, including cloning, PCR, qPCR, microarray	Master's Research PCR, gel electrophoresis used extensively
Excellent verbal and written communication skills	<p>Student Society for Stem Cell Research – Communications and Marketing Exec, all written marketing content on web site, Stem Cell Saturdays presentations and labs with high school students</p> <p>1 publication, poster presentations on campus and conference presentation</p>
Documented ability to multi-task and work well in a team	Member of Dr. X's lab of 8 members - scheduled use of equipment, coordinated lab meetings and assisted in training and supervision of ROP students