

Technical Self-Assessment 2004

From the list below, indicate with a checkmark if this is a particular area of strength for you.

Background	Laboratory Skills Check-List	
<p>Field of Study</p> <p><input type="checkbox"/> Agriculture</p> <p><input type="checkbox"/> Biochemistry</p> <p><input type="checkbox"/> Biology</p> <p><input type="checkbox"/> Botany</p> <p><input type="checkbox"/> Engineering</p> <p><input type="checkbox"/> Genetics</p> <p><input type="checkbox"/> Immunology</p> <p><input type="checkbox"/> Information technology</p> <p><input type="checkbox"/> Microbiology</p> <p><input type="checkbox"/> Molecular biology</p> <p><input type="checkbox"/> Soil science</p> <p><input type="checkbox"/> Zoology</p> <p>Majority of Laboratory Experience:</p> <p><input type="checkbox"/> Academic, in courses</p> <p><input type="checkbox"/> Clinical</p> <p><input type="checkbox"/> Government</p> <p><input type="checkbox"/> Industry</p> <p>Highest Degree Obtained:</p> <p><input type="checkbox"/> B.Sc.or other bachelor degree</p> <p><input type="checkbox"/> Masters</p> <p><input type="checkbox"/> PhD or doctorate</p> <p>Year of Entry Into Canada:</p> <p><input type="checkbox"/> Before 1990</p> <p><input type="checkbox"/> 1990-1995</p> <p><input type="checkbox"/> 1996-2000</p> <p><input type="checkbox"/> 2001</p> <p><input type="checkbox"/> 2002</p>	<p>Animal Handling</p> <p><input type="checkbox"/> Mammals</p> <p><input type="checkbox"/> In-vivo experimentation</p> <p>Cell Biology</p> <p><input type="checkbox"/> Tissue culture</p> <p><input type="checkbox"/> Aseptic/sterile techniques</p> <p><input type="checkbox"/> Cell counting</p> <p><input type="checkbox"/> Microscopy</p> <p>Cloning</p> <p><input type="checkbox"/> DNA ligation</p> <p><input type="checkbox"/> PCR</p> <p>Cryo Preservation</p> <p><input type="checkbox"/> Aseptic techniques</p> <p><input type="checkbox"/> Cell cytopreservation</p> <p><input type="checkbox"/> Sterile cell culture</p> <p><input type="checkbox"/> Embryo cytopreservation</p> <p>DNA Analysis</p> <p><input type="checkbox"/> Sequencing</p> <p><input type="checkbox"/> Southern blotting</p> <p><input type="checkbox"/> Genomics</p> <p><input type="checkbox"/> cDNA technology</p> <p>Gel Electrophoresis</p> <p><input type="checkbox"/> Western blotting</p> <p><input type="checkbox"/> Southern blotting</p> <p><input type="checkbox"/> Northern blotting</p>	<p>Immunology</p> <p><input type="checkbox"/> Immuno-detection</p> <p><input type="checkbox"/> Immuno-precipitation</p> <p>Instrumentation</p> <p><input type="checkbox"/> FTIR- Fourier Transformed Infrared and Raman Spectroscopy</p> <p><input type="checkbox"/> GC/MS</p> <p><input type="checkbox"/> HPLC</p> <p><input type="checkbox"/> Spectrophotometry</p> <p>Methodology</p> <p><input type="checkbox"/> Method development in laboratory</p> <p><input type="checkbox"/> Up-scaling for manufacturing</p> <p>Microbiology</p> <p><input type="checkbox"/> Staining</p> <p><input type="checkbox"/> Microscopy</p> <p><input type="checkbox"/> Microscopy-imaging</p> <p>Safety</p> <p><input type="checkbox"/> Laboratory</p> <p><input type="checkbox"/> Workplace</p> <p><input type="checkbox"/> Special safety training</p> <p>Research Reports & Scientific Papers</p> <p><input type="checkbox"/> Authored</p> <p><input type="checkbox"/> Submitted</p> <p><input type="checkbox"/> Assessed</p> <p><input type="checkbox"/> Statistical analysis</p>



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Background	Applied Skills Check-List	
Majority of Work Experience: <input type="checkbox"/> Academic, in courses <input type="checkbox"/> Clinical <input type="checkbox"/> Government <input type="checkbox"/> Industry	Product Application <input type="checkbox"/> Blood, blood products <input type="checkbox"/> Viral, bacterial vaccines <input type="checkbox"/> Genetic therapy, diagnostics <input type="checkbox"/> Tissues, organs <input type="checkbox"/> Radio-pharmaceuticals <input type="checkbox"/> Controlled drugs <input type="checkbox"/> Medical devices <input type="checkbox"/> Homeopathic remedies <input type="checkbox"/> Pesticides Regulation <input type="checkbox"/> HPB (Canada) <input type="checkbox"/> FDA (United States) <input type="checkbox"/> European regulations <input type="checkbox"/> International regulations <input type="checkbox"/> Advertising <input type="checkbox"/> Drug products <input type="checkbox"/> Hazardous materials <input type="checkbox"/> Naturopathic materials <input type="checkbox"/> Medical devices <input type="checkbox"/> Lab safety regulations <input type="checkbox"/> Workplace safety	Manufacturing <input type="checkbox"/> Bio-conversion <input type="checkbox"/> Bio-production <input type="checkbox"/> Large scale fermentation <input type="checkbox"/> Enzyme-related reactions <input type="checkbox"/> Industrial filtration Clinical trials: <input type="checkbox"/> Authored <input type="checkbox"/> Submitted <input type="checkbox"/> Assessed <input type="checkbox"/> Statistical analysis