



# Technical Self-Assessment

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

Background	Laboratory Skills Check-List	
<b>Field of Study</b> <input type="checkbox"/> Agriculture <input type="checkbox"/> Biochemistry <input type="checkbox"/> Biology <input type="checkbox"/> Botany <input type="checkbox"/> Engineering <input type="checkbox"/> Genetics <input type="checkbox"/> Immunology <input type="checkbox"/> Information technology <input type="checkbox"/> Microbiology <input type="checkbox"/> Molecular biology <input type="checkbox"/> soil science <input type="checkbox"/> zoology  <b>Majority of laboratory experience:</b> <input type="checkbox"/> academic, in courses <input type="checkbox"/> clinical <input type="checkbox"/> in government <input type="checkbox"/> in industry  <b>Highest degree obtained:</b> <input type="checkbox"/> B.Sc.or other bachelor degree <input type="checkbox"/> Masters <input type="checkbox"/> PhD or doctorate  <b>Year of entry into Canada:</b> <input type="checkbox"/> Before 1990 <input type="checkbox"/> 1990-1995 <input type="checkbox"/> 1996-2000 <input type="checkbox"/> 2001 <input type="checkbox"/> 2002	<b>Animal handling</b> <input type="checkbox"/> mammals <input type="checkbox"/> in-vivo experimentation  <b>Cell Biology</b> <input type="checkbox"/> tissue culture <input type="checkbox"/> aseptic/sterile techniques <input type="checkbox"/> cell counting <input type="checkbox"/> microscopy  <b>Cloning</b> <input type="checkbox"/> DNA ligation <input type="checkbox"/> PCR  <b>Cryo preservation</b> <input type="checkbox"/> aseptic techniques <input type="checkbox"/> cell cytopreservation <input type="checkbox"/> sterile cell culture <input type="checkbox"/> embryo cytopreservation  <b>DNA Analysis</b> <input type="checkbox"/> sequencing <input type="checkbox"/> Southern blotting <input type="checkbox"/> Genomics <input type="checkbox"/> cDNA technology  <b>Gel electrophoresis</b> <input type="checkbox"/> Western blotting <input type="checkbox"/> Southern blotting <input type="checkbox"/> Northern blotting	<b>Immunology</b> <input type="checkbox"/> immuno-detection <input type="checkbox"/> immuno-precipitation  <b>Instrumentation</b> <input type="checkbox"/> FTIR- Fourier Transformed Infrared and Raman Spectroscopy <input type="checkbox"/> GC/MS <input type="checkbox"/> HPLC <input type="checkbox"/> Spectrophotometric analysis  <b>Methodology</b> <input type="checkbox"/> Method development in laboratory <input type="checkbox"/> Up-scaling for manufacturing  <b>Microbiology</b> <input type="checkbox"/> Staining <input type="checkbox"/> Microscopy <input type="checkbox"/> Microscopy-imaging  <b>Safety</b> <input type="checkbox"/> Laboratory <input type="checkbox"/> Workplace <input type="checkbox"/> Special safety training  <b>Research Reports &amp; Scientific Papers</b> <input type="checkbox"/> authored <input type="checkbox"/> submitted <input type="checkbox"/> assessed <input type="checkbox"/> statistical analysis

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

Background	Application Skills Check-List	
<p><b>Majority of application experience:</b></p> <p><input type="checkbox"/> academic, in courses</p> <p><input type="checkbox"/> clinical</p> <p><input type="checkbox"/> in government</p> <p><input type="checkbox"/> in industry</p>	<p><b>Product application</b></p> <p><input type="checkbox"/> blood, blood products</p> <p><input type="checkbox"/> viral, bacterial vaccines</p> <p><input type="checkbox"/> genetic therapy, diagnostics</p> <p><input type="checkbox"/> tissues, organs</p> <p><input type="checkbox"/> radio-pharmaceuticals</p> <p><input type="checkbox"/> controlled drugs</p> <p><input type="checkbox"/> medical devices</p> <p><input type="checkbox"/> homeopathic remedies</p> <p><input type="checkbox"/> pesticides</p> <p><input type="checkbox"/></p> <p><b>Regulation</b></p> <p><input type="checkbox"/> HPB (Canada)</p> <p><input type="checkbox"/> FDA (United States)</p> <p><input type="checkbox"/> European regulations</p> <p><input type="checkbox"/> International regulations</p> <p><input type="checkbox"/> advertising</p> <p><input type="checkbox"/> drug products</p> <p><input type="checkbox"/> hazardous materials</p> <p><input type="checkbox"/> naturopathic materials</p> <p><input type="checkbox"/> medical devices</p> <p><input type="checkbox"/> lab safety regulations</p> <p><input type="checkbox"/> workplace safety</p>	<p><b>Manufacturing</b></p> <p><input type="checkbox"/> bio-conversion</p> <p><input type="checkbox"/> bio-production</p> <p><input type="checkbox"/> large scale fermentation</p> <p><input type="checkbox"/> enzyme-related reactions</p> <p><input type="checkbox"/> industrial filtration</p> <p><input type="checkbox"/> Clinical trials</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> <p><input type="checkbox"/></p>