

## Appendix C:

### Biological Agents that Are Potential Reproductive Health Hazards

Agent Name/Description	Disease Name/Description	References
<i>Brucella</i> spp. ( <i>B. abortus</i> , <i>B. canis</i> , <i>B. suis</i> , <i>B. melitensis</i> )	Brucellosis; undulate fever; Bang's disease; Mediterranean fever; Malta fever	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/brucellosis/index.html">https://www.cdc.gov/brucellosis/index.html</a></li> <li>• <a href="https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/pathogen-safety-data-sheets-risk-assessment/brucella-b-abortus-b-canis-b-melitensis-b-suis-material-safety-data-sheets-msds.html">https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/pathogen-safety-data-sheets-risk-assessment/brucella-b-abortus-b-canis-b-melitensis-b-suis-material-safety-data-sheets-msds.html</a></li> </ul>
<i>Coccidioides immitis</i> and related species	Coccidioidomycosis; Valley Fever	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/fungal/diseases/coccidioidomycosis/">http://www.cdc.gov/fungal/diseases/coccidioidomycosis/</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/coccidioides-spp-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/coccidioides-spp-eng.php</a></li> </ul>
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Cytomegalovirus (CMV)	Congenital CMV; infectious mononucleosis; retinitis; glandular fever	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/cmV/index.html">http://www.cdc.gov/cmV/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/cytomegalovirus-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/cytomegalovirus-eng.php</a></li> </ul>
Ebola virus	Ebola hemorrhagic fever	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/vhf/ebola/index.html">https://www.cdc.gov/vhf/ebola/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/ebola-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/ebola-eng.php</a></li> </ul>
Hepatitis B virus (HBV)	Hepatitis B	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/hepatitis/B/index.htm">http://www.cdc.gov/hepatitis/B/index.htm</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hepatitis-b-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hepatitis-b-eng.php</a></li> </ul>
Hepatitis C virus (HCV)	Hepatitis C	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/hepatitis/C/index.htm">http://www.cdc.gov/hepatitis/C/index.htm</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hepc-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hepc-eng.php</a></li> </ul>
Hepatitis E virus (HEV)	Hepatitis E	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/hepatitis/HEV/index.htm">http://www.cdc.gov/hepatitis/HEV/index.htm</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hepe-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hepe-eng.php</a></li> </ul>
Herpesviruses (various)	Various (herpes simplex; roseola/Sixth)	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/std/herpes/default.htm">https://www.cdc.gov/std/herpes/default.htm</a></li> </ul>

Agent Name/Description	Disease Name/Description	References
	disease; infectious mononucleosis; chickenpox/shingles, etc.)	<ul style="list-style-type: none"> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/herpes-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/herpes-eng.php</a></li> </ul>
Human immunodeficiency virus (HIV)	Acquired immune deficiency syndrome (AIDS)	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/hiv/">http://www.cdc.gov/hiv/</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hiv-vih-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/hiv-vih-eng.php</a></li> </ul>
Influenza virus	Influenza	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/flu/index.htm">https://www.cdc.gov/flu/index.htm</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/influenza-a-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/influenza-a-eng.php</a></li> </ul>
<i>Listeria monocytogenes</i>	Listeriosis	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/listeria/">http://www.cdc.gov/listeria/</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/listeria-monocytogenes-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/listeria-monocytogenes-eng.php</a></li> </ul>
Lymphocytic choriomeningitis virus (LCMV; arenavirus)	Encephalitis; meningitis	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/listeria/index.html">https://www.cdc.gov/listeria/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/lymp-cho-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/lymp-cho-eng.php</a></li> </ul>
Measles virus (morbillivirus)	Measles; rubeola	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/measles/index.html">https://www.cdc.gov/measles/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/measles-rougeole-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/measles-rougeole-eng.php</a></li> </ul>
Parvovirus B19	Fifth disease	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/parvovirusb19/index.html">https://www.cdc.gov/parvovirusb19/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/parvovirus-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/parvovirus-eng.php</a></li> </ul>
<i>Plasmodium spp.</i>	Malaria	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/malaria/index.html">https://www.cdc.gov/malaria/index.html</a></li> <li>• <a href="http://healthycanadians.gc.ca/diseases-conditions-maladies-affections/disease-maladie/malaria-paludisme/index-eng.php">http://healthycanadians.gc.ca/diseases-conditions-maladies-affections/disease-maladie/malaria-paludisme/index-eng.php</a></li> </ul>
Rubivirus (togavirus)	Rubella (German measles)	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/rubella/index.html">https://www.cdc.gov/rubella/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/rub-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/rub-eng.php</a></li> </ul>

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<i>Toxocara spp.</i>	Toxocariasis; visceral larval migrans (VLM)	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/parasites/toxocariasis/">https://www.cdc.gov/parasites/toxocariasis/</a></li> <li>• <a href="https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/pathogen-safety-data-sheets-risk-assessment/toxocara-canis-toxocara-cati.html">https://www.canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/pathogen-safety-data-sheets-risk-assessment/toxocara-canis-toxocara-cati.html</a></li> </ul>
<i>Toxoplasma gondii</i>	Toxoplasmosis	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/parasites/toxoplasmosis/index.html">https://www.cdc.gov/parasites/toxoplasmosis/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/msds153e-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/msds153e-eng.php</a></li> </ul>
Varicella zoster virus (VZV; herpesvirus)	Chickenpox/shingles	<ul style="list-style-type: none"> <li>• <a href="https://www.cdc.gov/chickenpox/index.html">https://www.cdc.gov/chickenpox/index.html</a></li> <li>• <a href="http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/var-zo-eng.php">http://www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/var-zo-eng.php</a></li> </ul>
Zika virus (flavivirus)	Microencephaly; Zika fever; Guillain-Barré syndrome	<ul style="list-style-type: none"> <li>• <a href="http://www.cdc.gov/zika">http://www.cdc.gov/zika</a></li> <li>• <a href="http://www.healthycanadians.gc.ca/diseases-conditions-maladies-affections/disease-maladie/zika-virus/index-eng.php">http://www.healthycanadians.gc.ca/diseases-conditions-maladies-affections/disease-maladie/zika-virus/index-eng.php</a></li> </ul>