

# Biosafety Compendium

on

## REGULATIONS, GUIDELINES and INFORMATION SOURCES

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**DISCLAIMER:** This document is a draft of a compendium intended to create a source of information for biosafety professionals in which key information such as regulations, guidelines, standards, bibliographic references and web sites can be readily accessible. This is a dynamic document because of the continuous evolution of the legal, technical and practical aspects of biological safety. It is not inclusive by any means and new items will be added as they develop or are suggested by the users.

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## REGULATIONS, GUIDELINES and INFORMATION SOURCES by TOPIC

BIOSAFETY MANUALS	
WHO	<p>Laboratory Biosafety Manual 2nd edition (Revised), 2003.            WHO/CDS/CSR/LYO/2003.4  <a href="http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/">http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/</a></p>
Canada	<p>The Laboratory Biosafety Guidelines, 3<sup>rd</sup> Edition – Draft, September 20, 2001.            Health Canada  <a href="http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf</a></p>
USA	<p>CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4<sup>th</sup> edition, 1999  <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a></p> <p>This publication describes the combinations of standard and special microbiological practices, safety equipment, and facilities constituting Biosafety Levels 1-4, which are recommended for work with a variety of infectious agents in various laboratory settings. These recommendations are advisory. They are intended to provide a voluntary guide or code of practice as well as goals for upgrading operations. They also are offered as a guide and reference in the construction of new laboratory facilities and in the renovation of existing facilities.</p> <p>However, the application of these recommendations to a particular laboratory operation should be based on a risk assessment of the special agents and activities, rather than used as a universal and generic code applicable to all situations.</p>
USA	<p>NIH Guidelines for Recombinant DNA Molecules, April 2002  <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a></p> <p>The purpose of the <i>NIH Guidelines</i> is to specify practices for constructing and handling: (i) recombinant deoxyribonucleic acid (DNA) molecules, and (ii) organisms and viruses containing recombinant DNA molecules. These guidelines require that any recombinant DNA experiment, which according to the <i>NIH Guidelines</i> requires approval by NIH, must be submitted to NIH or to another Federal agency that has jurisdiction for review and approval. Once approvals, or other applicable clearances, have been obtained from a Federal agency other than NIH (whether the experiment is referred to that agency by NIH or sent directly there by the submitter), the experiment may proceed without the necessity for NIH review or approval. (See exception in <a href="#">Section IA-1-a</a> regarding requirement for human gene transfer protocol registration.)</p> <p>For experiments involving the deliberate transfer of recombinant DNA, or DNA or RNA derived from recombinant DNA, into human research participants (human gene transfer), no research participant shall be enrolled (see definition of enrollment in <a href="#">Section IE-7</a>) until the RAC review process has been completed (see <a href="#">Appendix M-I-B, RAC Review Requirements</a>); Institutional Biosafety Committee (IBC) approval (from the clinical trial site) has been obtained; Institutional Review Board approval has been obtained; and all applicable regulatory authorization(s) have been obtained.</p>
Russia	<p>Safety in Working with Groups I and II Pathogenicity Microorganisms: Sanitation Regulation SP 1.2.011-94. State System for Sanitation-Epidemiological Standardization of the Russian Federation. LN069-99.</p> <p>A hard copy is available from Jairo Betancourt (<a href="mailto:jairob@miami.edu">jairob@miami.edu</a>)</p>

## BOOKS and OTHER PUBLICATIONS

### Books

<u>Book Name</u>	<u>Author(s)</u>
ABSA/CDC 6 <sup>th</sup> National Symposium Proceedings: Prudent Practices for the New Millennium	
Accident Prevention Manual for Business and Industry, Engineering and Technology	Laing, P.
Agents for Inactivating Viruses - Agentes Inactivantes de Virus	Basualdo, Coto, de Torres
Anthology of Biosafety, ABSA	Richmond, J., editor
I. Perspectives in Laboratory Design	
II. Facility Design Considerations	
III. Application of Principles	
IV. Issues in Public Health	
V. BSL-4 Laboratories	
Bergey's Manual of Systematic Bacteriology	Holt, J.
Bioaerosols: Assessment & Control, American Conference of Governmental and Industrial Hygienists, November 1998	Janet MacHer, editor ACGIH
Biohazards Management Handbook	Lieberman, D.F.
Biological Safety: Principals and Practices. 3rd Ed., ASM Press	Fleming, D.O. and D. L. Hunt, editors
Bioprocessing Safety: Worker and Community Safety and Health Considerations	Hyer, W.
Control of Communicable Diseases Manual. American Public Health Association	James Chin, editor
Designing Modern Microbiological/Biomedical Laboratory: Lab Design, Process & technology	Richmond, J.Y., editor
Disinfection, Sterilization and Preservation, 5 <sup>th</sup> edition	Block, S.S.
Encyclopedia of Virology	Webster and Granoff
Fundamentals of Industrial Hygiene	Plog, B.A.
General and Applied Toxicology	Ballantyne, Marrs and Turner
Guidelines for Small Scale Genetic Manipulation Work	Genetic Manipulation Advisory Committee
Hospital Epidemiology and Infection Control	Mayhall, C.G.
Introduction to Sterilization and Disinfection	Longman Group Limited Ed.
Laboratory-Acquired Infections: History, Incidence, Causes and Prevention	Collins, CH
Laboratory Design Handbook, CRC Press	E. Crawley Cooper
Laboratory Safety: Theory and Practice	Fuscaldo, Erick and Hindman
Manual of Clinical Microbiology, 8 <sup>th</sup> edition	ASM Press
Manual of Clinical Microbiology, 6 <sup>th</sup> edition	Murray P.R. et al
Medical Microbiology, 22 <sup>nd</sup> edition	Brooks, Morse and Buttel
Medical Microbiology. Lange Review publication – updates every two years	Jawetz, Melnick and Adelberg
NSF 49; Standard for Class II Biohazard Cabinetry	
Practical Handbook of Microbiology	O'Leary, W.
Prudent Practices for the Handling and Disposal of Infectious Waste, National Academy Press 1989 ISBN 0-309-03975-4	National Research Council
Recombinant DNA, Scientific American Books	Watson, J.D. et al

The Foundations of Laboratory Safety. A Guide for the Biomedical Laboratory	Rayburn, S.R.
The Merck Manual	Merck Sharp & Doehme Research Laboratories
The Merck Veterinary Manual	Merck Sharp & Doehme Research Laboratories
Viral Vectors: Basic Science and Gene Therapy, published by Eaton Publishing (2000)	Angel Cid-Arregui and Alejandro Garcia-Carranca, editors
Virology	Hull, Brown and Payne
Proceedings of the 4th National Symposium on Biosafety <a href="http://www.cdc.gov/od/ohs/sympsi/symp_idx.htm">www.cdc.gov/od/ohs/sympsi/symp_idx.htm</a>	
<b>Journals</b>	
ASM Journals	
Nature	
Nature: Medicine	
Nature: Immunology	
Nature: Biotechnology	
Nature Reviews: Microbiology	
Microbial Pathogenesis	
Microbes and Infection – an Institute Pasteur publication	
Science	
Journal of Virology	
Journal of Virological Methods	
Lab Animal	
American Clinical Laboratory	
The Journal of NIH Research	
Trends in Neurosciences	
Trends in Immunology	
Emerging Infectious Diseases	
New England Journal of Medicine (NEJM)	
JAMA - Journal of the American Medical Association	
Clinical Microbiological Reviews	

<b>Websites</b>	
	ABSA website <a href="http://www.absa.org">http://www.absa.org</a>
	EBSA website <a href="http://www.ebsa.be">http://www.ebsa.be</a>
	US. National Library of Medicine <a href="http://www.nlm.nih.gov">www.nlm.nih.gov</a>
	PubMed <a href="http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed">http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed</a>
	Society for Occupational and Environmental Health <a href="http://www.soeh.org">www.soeh.org</a>
	Center for Occupational and Environmental Clinics <a href="http://www.aoec.org">www.aoec.org</a>
	Center for Occupational and Environmental Health

	<a href="http://www.coeh.org">www.coeh.org</a>
	Duke Occupational and Environmental Medicine Listserv <a href="http://gilligan.mc.duke.edu/oem/occ-env.htm">http://gilligan.mc.duke.edu/oem/occ-env.htm</a>
	EnviroDX: a multimedia, case-focused, computer-based learning program on environmental-related diseases. <a href="http://medstat.med.utah.edu/envirodx/">http://medstat.med.utah.edu/envirodx/</a>
	OEM PRESS <a href="http://www.oempres.com">http://www.oempres.com</a>
	Hardin MD: The Medical Information Hub <a href="http://www.lib.uiowa.edu/hardin/md">www.lib.uiowa.edu/hardin/md</a>
	Healthfinder <a href="http://www.healthfinder.gov/">http://www.healthfinder.gov/</a>
	Institutional Animal Care and Use Committees <a href="http://www.iacuc.org">www.iacuc.org</a>
	International Center for Genetic Engineering & Biotechnology: Biosafety Webpages <a href="http://www.icgeb.org/~bsafesrv">www.icgeb.org/~bsafesrv</a>
	Medical and Pharmaceutical Acronyms and Abbreviations <a href="http://www.pharmalexicon.com">www.pharmalexicon.com</a>
	NCCLS: a global organization; develops consensus documents for additional audiences beyond the clinical laboratory community <a href="http://www.nccls.org">www.nccls.org</a>
International	Belgian Biosafety Server: Guidelines, Standards, etc. <a href="http://biosafety.ihe.be/">http://biosafety.ihe.be/</a>
International	World Health Organization (WHO) <a href="http://www.who.int/">http://www.who.int/</a>
USA	US Centers for Disease Control (CDC) <a href="http://www.cdc.gov">http://www.cdc.gov</a>
	Office of Health and Safety (OhASIS) <a href="http://www.cdc.gov/ood/ohs/">http://www.cdc.gov/ood/ohs/</a>
USA	National Institutes of Health (NIH), Office of Biotechnology Activities (OBA) <a href="http://www4.od.nih.gov/oba/">http://www4.od.nih.gov/oba/</a>
USA	National Institute of Occupational Safety and Health (NIOSH) <a href="http://www.cdc.gov/niosh/homepage.html">http://www.cdc.gov/niosh/homepage.html</a>
USA	Occupational Safety and Health Administration (OSHA) <a href="http://www.osha.gov/">http://www.osha.gov/</a>
USA	US Environmental Protection Agency (EPA) <a href="http://www.epa.gov/">http://www.epa.gov/</a>
USA	US Food and Drug Administration (FDA) <a href="http://www.fda.gov/">http://www.fda.gov/</a>
USA	US Department of Agriculture (USDA) <a href="http://www.usda.gov/">http://www.usda.gov/</a>
	Plant and Health Inspection Service (APHIS) <a href="http://www.aphis.usda.gov/">http://www.aphis.usda.gov/</a>
USA	US Department of Transportation (DOT) <a href="http://www.dot.gov">http://www.dot.gov</a>
USA	US Department of Labor: Mine Safety and Health Administration <a href="http://www.msha.gov/">http://www.msha.gov/</a>
USA	US Bureau of Labor Statistics <a href="http://www.bls.gov/">http://www.bls.gov/</a>
USA	US Nuclear Regulatory Commission (NRC) <a href="http://www.nrc.gov/">http://www.nrc.gov/</a>
USA	US Department of Defense (DoD)

	<a href="http://www.dod.gov/">http://www.dod.gov/</a>
USA	US Agency for Toxic Substances and Disease Registry <a href="http://www.atsdr.cdc.gov/">http://www.atsdr.cdc.gov/</a>
USA	<i>Emerging Infectious Diseases</i> - on-line journal <a href="http://www.cdc.gov/ncidod/EID/index.htm">www.cdc.gov/ncidod/EID/index.htm</a>
USA	Morbidity and Mortality Weekly Reports <a href="http://www.cdc.gov/mmwr">http://www.cdc.gov/mmwr</a>
USA	Thomas - US Legislative Information on the Internet <a href="http://thomas.loc.gov">thomas.loc.gov</a>
USA	AIHA Laboratory Health and Safety Committee-Biosafety Links <a href="http://www2.umdnj.edu/eohssweb/aiha/technical/biosafety.htm">www2.umdnj.edu/eohssweb/aiha/technical/biosafety.htm</a>
USA	Alphabetical Index: Emergency Medicine <a href="http://www.emedicine.com/emerg/topiclist.htm">www.emedicine.com/emerg/topiclist.htm</a>
USA	American Association of Occupational Health Nurses <a href="http://www.aaoan.org">www.aaoan.org</a>
USA	American College of Occupational and Environmental Medicine <a href="http://www.acoem.org">www.acoem.org</a>
USA	American Conference of Governmental Industrial Hygienists <a href="http://www.acgih.org">www.acgih.org</a>
USA	American Society for Microbiology (ASM) <a href="http://www.asm.org/">http://www.asm.org/</a>
USA	Code of Federal Regulations <a href="http://www.access.gpo.gov/nara/cfr">www.access.gpo.gov/nara/cfr</a>
USA	Biodefense Reference Library <a href="http://www.humanitarian.net/biodefense/fazdc">www.humanitarian.net/biodefense/fazdc</a>
USA	USAMRIID <a href="http://www.usamriid.army.mil">www.usamriid.army.mil</a>
USA	College & University EH&S links (University of Kentucky) <a href="http://www.uky.edu/services/EHS/otherehs.html">www.uky.edu/services/EHS/otherehs.html</a>
USA	Consumer Product Safety Commission <a href="http://www.cpsc.gov">www.cpsc.gov</a>
Canada	Canadian Association for Laboratory Animal Science <a href="http://www.calas-acsal.org">www.calas-acsal.org</a>
EU	European Union portal to official publications <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	CEN – The European Committee for Standardization <a href="http://www.cenorm.be/">http://www.cenorm.be/</a> <a href="http://www.boutique.afnor.fr/Boutique.asp?lang=French&amp;aff=461&amp;url=NRM%5Fn%5Fhome%2Easp&amp;cookie%5Ftest=1">http://www.boutique.afnor.fr/Boutique.asp?lang=French&amp;aff=461&amp;url=NRM%5Fn%5Fhome%2Easp&amp;cookie%5Ftest=1</a>
Switzerland	Swiss Federal Office of Public Health-Biological Safety <a href="http://www.bag.admin.ch/biosafety/e/index.htm">www.bag.admin.ch/biosafety/e/index.htm</a>

<b>MICROBIOLOGY</b>	
MSDS	Material Safety Data Sheet (MSDS) for Biologicals. Health Canada, Office of Laboratory Security <a href="http://www.hc-sc.gc.ca/pphb-dgspssp/msds-ftss/index.html">http://www.hc-sc.gc.ca/pphb-dgspssp/msds-ftss/index.html</a>
Bacteria	<a href="http://www.bacterio.cict.fr/hazard.html">http://www.bacterio.cict.fr/hazard.html</a>
Bacteria	MicroBioNet: clinical bacteriology with virology and parasitology under construction. <a href="http://www.sciencenet.com/au/">http://www.sciencenet.com/au/</a>
Bacteria	OECD Series on Harmonization of Regulatory Oversight in Biotechnology No.6. Consensus Document on Information Used in the Assessment of Environmental Applications Involving Pseudomonas. OCDE/GD(97)22 <a href="http://www.oecd.org">http://www.oecd.org</a>
Bacteria	List of Bacterial Names with Standing in Nomenclature <a href="http://waffle.nal.usda.gov/agdb/lbnsn.html">http://waffle.nal.usda.gov/agdb/lbnsn.html</a>
Virology	Virus database online <a href="http://life.anu.edu.au/viruses/welcome.html">http://life.anu.edu.au/viruses/welcome.html</a>
Virology	Plant Virus Online – Quick Introduction <a href="http://biology.anu.edu.au/Groups/MES/vid/">http://biology.anu.edu.au/Groups/MES/vid/</a>
Virology	The Big Picture Book of Viruses <a href="http://www.virology.net/Big_Virology/BVHostList.html">http://www.virology.net/Big_Virology/BVHostList.html</a>
Virology	All the virology on the web <a href="http://www.tulane.edu/~dmsander/garryfavweb.html">http://www.tulane.edu/~dmsander/garryfavweb.html</a>
Fungi	Dr. Fungus <a href="http://www.doctorfungus.org">http://www.doctorfungus.org</a>
Fungi	Mycology Online Homepage <a href="http://www.mycology.adelaide.edu.au">http://www.mycology.adelaide.edu.au</a>
Fungi	Mycotoxicology Newsletter-Dr. Angelo Visconti <a href="http://www.mycotoxicology.org">http://www.mycotoxicology.org</a>
Fungi	The Aspergillus Website <a href="http://www.aspergillus.man.ac.uk">http://www.aspergillus.man.ac.uk</a>
Microbiology	Environmental Protection Agency (EPA) <a href="http://www.epa.gov">http://www.epa.gov</a> <ul style="list-style-type: none"> <li>▪ Microbiology resources <a href="http://www.epa.gov/nerlcwww/">http://www.epa.gov/nerlcwww/</a></li> </ul>
Microbiology	Environmental Microbiology Laboratory <a href="http://www.emlab.com/app/fungi/Fungi.po">http://www.emlab.com/app/fungi/Fungi.po</a>
	FDA/CFSAN Bad Bug Book <a href="http://vm.cfsan.fda.gov/~mow/intro.html">http://vm.cfsan.fda.gov/~mow/intro.html</a>
	Laboratory and some of the occupationally acquired microbial diseases: a bibliography <a href="http://www.ebsa.be/topics/LAI/lai.htm">http://www.ebsa.be/topics/LAI/lai.htm</a> or <a href="http://www.boku.ac.at/iam/efb/lai.htm">http://www.boku.ac.at/iam/efb/lai.htm</a>
	PUBMED - National Library of Medicine <a href="http://www.ncbi.nlm.nih.gov/PubMed/">http://www.ncbi.nlm.nih.gov/PubMed/</a>
	See also "Books" under "Books and Other Publications"

<b>MOLECULAR BIOLOGY AND GENE TRANSFER</b>	
USA	<p>CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4<sup>th</sup> edition, 1999  <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a></p> <p>This publication describes the combinations of standard and special microbiological practices, safety equipment, and facilities constituting Biosafety Levels 1-4, which are recommended for work with a variety of infectious agents in various laboratory settings. These recommendations are advisory. They are intended to provide a voluntary guide or code of practice as well as goals for upgrading operations. They also are offered as a guide and reference in the construction of new laboratory facilities and in the renovation of existing facilities.</p> <p>However, the application of these recommendations to a particular laboratory operation should be based on a risk assessment of the special agents and activities, rather than used as a universal and generic code applicable to all situations.</p>
USA	<p>NIH Guidelines for Recombinant DNA Molecules, April 2002  <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a></p> <p>The purpose of the <i>NIH Guidelines</i> is to specify practices for constructing and handling: (i) recombinant deoxyribonucleic acid (DNA) molecules, and (ii) organisms and viruses containing recombinant DNA molecules. These guidelines require that any recombinant DNA experiment, which according to the <i>NIH Guidelines</i> requires approval by NIH, must be submitted to NIH or to another Federal agency that has jurisdiction for review and approval. Once approvals, or other applicable clearances, have been obtained from a Federal agency other than NIH (whether the experiment is referred to that agency by NIH or sent directly there by the submitter), the experiment may proceed without the necessity for NIH review or approval. (See exception in <a href="#">Section IA-1-a</a> regarding requirement for human gene transfer protocol registration.)</p> <p>For experiments involving the deliberate transfer of recombinant DNA, or DNA or RNA derived from recombinant DNA, into human research participants (human gene transfer), no research participant shall be enrolled (see definition of enrollment in <a href="#">Section IE-7</a>) until the RAC review process has been completed (see <a href="#">Appendix M-I-B, RAC Review Requirements</a>); Institutional Biosafety Committee (IBC) approval (from the clinical trial site) has been obtained; Institutional Review Board approval has been obtained; and all applicable regulatory authorization(s) have been obtained.</p> <p>NIH Office of Biotechnology Activities  <a href="http://www4.od.nih.gov/oba/">http://www4.od.nih.gov/oba/</a></p>
USA	<p>Food and Drug Administration (FDA)  <a href="http://www.fda.gov/cber/index.html">http://www.fda.gov/cber/index.html</a></p>
USA	<p>E. coli Genetic Stock Center  <a href="http://cgsc.biology.yale.edu">http://cgsc.biology.yale.edu</a></p>
<b>Contained Use of Genetically Modified Organisms</b>	
EU	<p><b>Directive 98/81/EC</b> of 26 October 1998 amending Directive 90/219/EEC on the contained use of genetically modified micro-organisms (OJEC 05.12.1998 – L330/0013-0031)  <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Commission Decision</b> of 27 September 2000 concerning the guidance notes for risk assessment outlined in Annex III of Directive 90/219/EEC on the contained use of genetically modified micro-organisms - <b>2000/608/EC</b> (OJEC 12.10.2000 L258/43-48)  <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Decision</b> of 8 March 2001 supplementing Directive 90/219/EEC as regards the criteria for establishing the safety, for human health and the environment, of types of genetically modified micro-organisms – <b>2001/204/EC</b> (OJ EC 15.03.2001 L73/32-34)  <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 90/219/EEC</b> of 23 April 1990 on the contained use of</p>

	genetically modified micro-organisms
Belgium	<p>Arrêté du Gouvernement wallon du 4 juillet 2002 déterminant les conditions sectorielles relatives aux utilisations confinées d'organismes génétiquement modifiés ou pathogènes. Moniteur belge - 21.09.2002 - Page 41711-41814  <a href="http://biosafety.ihe.be/PDF/ArrRW02_FR.pdf">http://biosafety.ihe.be/PDF/ArrRW02_FR.pdf</a></p> <p>Texte complet de l'Arrêté du 8 novembre 2001 du Gouvernement de la Région de Bruxelles-Capitale relatif à l'utilisation confinée d'organismes génétiquement modifiés et/ou pathogènes et au classement des -installations concernées. Moniteur belge – 26.02.2002 – Page 7209-7336  <a href="http://biosafety.ihe.be/PDF/ArrRB02.pdf">http://biosafety.ihe.be/PDF/ArrRB02.pdf</a></p> <p>Besluit van de Vlaamse regering van 1 juni 1995 houdende algemene en sectorake bepalingen inzake milieugygiene (Hoofdstuk 5.51 van VLAREM Titel II – Biotechnologie)  <a href="http://biosafety.ihe.be/NL/Arr.VI.NL/MenuVL.html">http://biosafety.ihe.be/NL/Arr.VI.NL/MenuVL.html</a></p>
France	<p>Code de l'environnement (partie législative) : art. L. 511-1 à L. 517-2 Installations classées pour la protection de l'environnement</p> <p>Code de l'environnement (partie législative) : art. L.531-1 à L. 537-4 Organismes génétiquement modifiés</p> <p>Loi 92-654 de juillet 1992 Loi relative au contrôle de l'utilisation et de la dissémination des organismes génétiquement modifiés et modifiant la loi 76-663 du 19 juillet 1976 relative aux installations classées pour la protection de l'environnement (1)</p> <p>Décret n° 93-773 du 27 mars 1993 pris pour l'application s'agissant des utilisations civiles de l'article 6 de la loi n° 92-654 du 13 juillet 1992 relative au contrôle de l'utilisation et de la dissémination des organismes génétiquement modifiés et modifiant la loi n° 76-663 du 19 juillet 1976 relative aux installations classés pour la protection de l'environnement (JO, 30 mars 1993)</p> <p>Arrêté du 9 juin 1993 relatif au dossier de déclaration d'utilisation confinée d'organismes génétiquement modifiés prévu à l'article 19 du décret n° 93-773 du 2è mars 1993 (JO, 29 juin 1993)</p> <p>Arrêté du 27 décembre 1994 – Arrêté relatif au dossier de demande d'agrément (1)</p> <p>Décret 93-774 du 27 mars 1993, modifié par le décret 98-18 du 8 janvier 1998 – Liste des techniques de modification génétique et les critères des classement des OGM</p> <p>Décret n° 95-487 du 28 avril 1995 pris pour l'application, s'agissant d'organismes animaux génétiquement modifiés, du titre III de la loi n° 92-654 du 13 juillet 1992 relative au contrôle de l'utilisation et de la dissémination volontaire d'organismes génétiquement modifiés et modifiant la loi n° 76-663 du 19 juillet 1976 relative aux installations classés pour la protection de l'environnement (JO, 30 avril 1995)</p> <p>Circulaire du 16 avril 1996 relative aux utilisations confinées d'organismes génétiquement modifiés à des fins de recherche, de développement ou d'enseignement (JO, 2 juin 1996)</p>

	<p>Arrêté du 28 août 1996 relatif à la composition du dossier d'agrément prévu à l'article 43-1 du décret n° 77-1133 du 21 septembre 1977 modifiés (JO, 28 sept. 1996)</p> <p>Arrêté du 2 juin 1998 relatif aux prescriptions générales applicables aux installations classés pour la protection de l'environnement soumises à déclaration sous la rubrique n° 2680-1. Organismes génétiquement modifiés (installations où sont mis en œuvre dans un processus de production industrielle ou commerciale des) (JO, 15 sept. 1998) (annexes, BOMELT, n° 98/18) (1)</p> <p>Arrêté du 2 juin 1998 relatif aux règles techniques auxquelles doivent satisfaire els installations soumises à autorisation au titre de ka rubrique 2680-2 de la nomenclature des installations classés pour la protection de l'environnement (JO, 23 sept. 1998)</p> <p>Principes de Classement et Guides Officiels de la Commission de Génie Génétique (CGG)</p> <ul style="list-style-type: none"> <li>▪ Définitions générales – champ d'application de la législation et de la réglementation concernant l'utilisation confinée d'organismes génétiquement modifiés (OGM)</li> <li>▪ Définition des classes de danger et des classes de risque – mode de détermination des dangers et des risques liés à l'utilisation d'OGM</li> <li>▪ Procédures d'évaluation des dangers et des risques liés à l'utilisation d'OGM en application des principes de classement</li> <li>▪ Administration d'OGM à des fins thérapeutiques ou vaccinales</li> <li>▪ La Commission de Génie Génétique : missions, organisation et fonctionnement</li> </ul> <p><i>Ce document doit être considéré comme un instrument scientifique permettant aux expérimentateurs d'appréhender la nature et le niveau (la classe) des dangers et des risques présentés par les expérimentations de recombinaison génétique in vitro. Il énonce également les prescriptions ed confinement permettant de maîtriser ces derniers.</i></p> <p><a href="http://www.education.gouv.fr/rt/commis/genetique/principe/principe.htm">Http://www.education.gouv.fr/rt/commis/genetique/principe/principe.htm</a></p> <p><i>Dossiers demande d'agrément OGM groupe 1 et 2</i></p> <p><a href="http://www.cnrs.fr/SDV/ogmdoss.html">Http://www.cnrs.fr/SDV/ogmdoss.html</a></p>
Germany	<p>Gesetz zur Regelung der Gentechnik (<b>Gentechnikgesetz – GenTG</b>) in der Fassung der Bekanntmachung vom 16. Dezember 1993 – BGBl. I S. 2066, zuletzt geändert durch Zweites Gesetz zur Änderung des Gentechnikgesetzes (2. GenTG-ÄndG) vom 16. August 2002, BGBl 2002 Teil I Nr. 59, S. 3220-3244</p> <p>This regulation implements the EU contained use and deliberate release directives</p> <p><a href="http://www.bba.de/gentech/gentg.pdf">http://www.bba.de/gentech/gentg.pdf</a></p>
Italia	<p>Decreto Legislativo 12 aprile 2001, n.206 Attuazione della direttiva 98/81/EC che modifica la direttiva 90/219/CEE, concernente l'impiego confinato di microrganismi geneticamente modificati. Gazzetta Ufficiale della Repubblica Italiana n.126 del 1 giugno 2001</p>
Italia	<p>Decreto Legislativo 3 marzo 1993. Attuazione della direttiva 90/219/CEE, concernente l'impiego confinato di microrganismi geneticamente modificati. Gazzetta Ufficiale della Repubblica Italiana n.78 del 3 aprile 1993</p>
UK	<p>Health Directorate, Health and Safety Executive. ACGM Compendium of Guidance. Guidance from the Health and Safety Commission's Advisory Committee on Genetic Modification.</p> <p><a href="http://www.hse.gov.uk/hthdir/noframes/acgmcomp/acgmcomp.htm">http://www.hse.gov.uk/hthdir/noframes/acgmcomp/acgmcomp.htm</a></p>
UK	<p>HSE: Part 3A. Selection of Containment and Control Measures for Laboratory</p>

	and Large Scale Activities Involving GMMS
Switzerland	<p>Swiss Federal Office of Public Health – Biological Safety  <a href="http://www.bag.admin.ch/biosafety/e/index.htm">http://www.bag.admin.ch/biosafety/e/index.htm</a>  <a href="http://www.bag.admin.ch/biosafety/gesetz/e/index.htm">http://www.bag.admin.ch/biosafety/gesetz/e/index.htm</a></p> <ul style="list-style-type: none"> <li>▪ Ordinance on Contained Use of Organisms (Containment Ordinance, CO)  Risk assessment tools:  <a href="http://www.bag.admin.ch/biosafety/melden/e/index.htm">http://www.bag.admin.ch/biosafety/melden/e/index.htm</a></li> <li>▪ Ordinance on Occupational Safety in Biotechnology (OOSB)</li> <li>▪ Ordinance on the Release of Organisms into the Environment (Release Ordinance, RO): regulates experimental release and placing on the market  <a href="http://www.buwal.ch/stobobio/biotechnologie/registre_com/e/index.htm">http://www.buwal.ch/stobobio/biotechnologie/registre_com/e/index.htm</a></li> </ul>
Australia	<p>Regulations for genetically modified organisms</p> <ul style="list-style-type: none"> <li>▪ Gene Technology Act of 2000</li> <li>▪ Gene Technology Regulations 2001 SR 106</li> <li>▪ Gene Technology (Consequential Amendments) Act 2000</li> <li>▪ Gene Technology (License Charges) Act 2000</li> <li>▪ Corresponding State and Territory laws</li> <li>▪ Complementary documentation  <a href="http://www.ogtr.gov.au/pubform/legislation.htm">http://www.ogtr.gov.au/pubform/legislation.htm</a></li> </ul>
Australia	<p>Handbook on the regulation of gene technology in Australia and application forms for licence of GMO work  <a href="http://www.ogtr.gov.au/pubform/handbook.htm">http://www.ogtr.gov.au/pubform/handbook.htm</a></p>
<b>Human Tissues and Cells</b>	
EU	<p>Proposal for a Directive of the European Parliament and of the Council on setting standards of quality and safety for the donation, procurement, testing, processing, storage, and distribution of human tissues and cells – <b>2002/0128 (COD)</b> Brussels 19.6.2002 COM(2002) 319 final  OJ C 277 E p.0505-0512 24/09/2002  <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p>Opinion of the European Economic and Social Committee on the “Proposal for a Directive of the European Parliament and of the Council on setting standards of quality and safety for the donation, procurement, testing, processing, storage, and distribution of human tissues and cells” (COM (2002) 319 final – 2002/0128 (COD))  OJ C 085 p.0044-0051 08/04/2003  <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>

**CELLS, BODY FLUIDS, BBP, TB AND OCCUPATIONAL HEALTH****Laboratory Acquired Infections (LAI)**

Chris Collins compilation of LAI publications  
<http://www.ebsa.be/topics/LAI/lai.htm>

**Worker Protection, Occupational Health and PPE**

Russia	Safety in Working with Group I and II Pathogenicity Microorganisms. Sanitation Regulation SP 1.2.011-94. State System for Sanitation-Epidemiological Standardization of the Russian Federation. LN069-99.
WHO	Tuberculosis Handbook <a href="http://www.who.int/gtb/publications/tbhandbook/PDF/WHO98_253-en.pdf">http://www.who.int/gtb/publications/tbhandbook/PDF/WHO98_253-en.pdf</a>
USA	Guidelines for Preventing the Transmission of Mycobacterium tuberculosis in Health-Care Facilities. MMWR. October 28, 1994, Vol. 43 No. RR -13
USA	Guidelines for Working Safely with Mycobacterium tuberculosis in Laboratories <a href="http://www.cdc.gov/od/ohs/tb/tbdoc2.htm">http://www.cdc.gov/od/ohs/tb/tbdoc2.htm</a>
USA	Management of Occupational Exposures to Hepatitis B, Hepatitis C and HIV and Recommendations for Post-Exposure Prophylaxis <a href="http://www.cdc.gov/ncidod/hip/guide/phssep.htm">http://www.cdc.gov/ncidod/hip/guide/phssep.htm</a>
USA	Updated U.S. Public Health Service Guidelines for the Management of Occupational Exposures to HBV, HCV, and HIV and Recommendations for Postexposure Prophylaxis MMWR June 29, 2001/Vol. 50/ No. RR-11 <a href="http://www.cdc.gov/mmwr/PDF/RR/RR5011.pdf">http://www.cdc.gov/mmwr/PDF/RR/RR5011.pdf</a>
USA	Recommendations for Preventing Transmission of Human Immunodeficiency Virus and Hepatitis B Virus to Patients During Exposure-Prone Invasive Procedures <a href="http://www.cdc.gov/mmwr/preview/mmwrhtml/00014845.htm">http://www.cdc.gov/mmwr/preview/mmwrhtml/00014845.htm</a>
USA	Hepatitis B Prevention <a href="http://www.cdc.gov/ncidod/diseases/hepatitis/b/faqb.htm">http://www.cdc.gov/ncidod/diseases/hepatitis/b/faqb.htm</a>
USA	Hepatitis C Prevention <a href="http://www.cdc.gov/ncidod/diseases/hepatitis/c/index.htm">http://www.cdc.gov/ncidod/diseases/hepatitis/c/index.htm</a>
USA	Hepatitis C Prevention (1992) <a href="http://aepo-xdv-www.epo.cdc.gov/wonder/prevguid/p0000004/p0000004.asp">http://aepo-xdv-www.epo.cdc.gov/wonder/prevguid/p0000004/p0000004.asp</a>
USA	The C. Everett Koop Institute at Dartmouth: Hepatitis C Information <a href="http://www.epidemic.org">http://www.epidemic.org</a>
USA	Updated US Public Health Service Guidelines for the Management of Occupational Exposures to HBV, HCV, and HIV and Recommendations for Postexposure Prophylaxis <a href="http://www.phppo.cdc.gov/cdc recommends/showarticle.asp?a_artid=1305+++&amp;TopNUM=50&amp;callpg=adv">http://www.phppo.cdc.gov/cdc recommends/showarticle.asp?a_artid=1305+++&amp;TopNUM=50&amp;callpg=adv</a>
USA	Perspectives in Disease Prevention and Health Promotion Update: Universal Precautions for Prevention of Transmission of Human Immunodeficiency Virus, Hepatitis B Virus, and Other Bloodborne Pathogens in Health-Care Settings (1988) <a href="http://aepo-xdv-www.epo.cdc.gov/wonder/prevguid/p0000255/p0000255.asp">http://aepo-xdv-www.epo.cdc.gov/wonder/prevguid/p0000255/p0000255.asp</a>
USA	Recommendations for Prevention of HIV Transmission in Health-Care Settings <a href="http://www.cdc.gov/hiv/dhap.htm">http://www.cdc.gov/hiv/dhap.htm</a>
USA	Recommendations for Prevention of HIV Transmission in Health-Care Settings <a href="http://www.cdc.gov/ncidod/hip/blood/hiv.htm">http://www.cdc.gov/ncidod/hip/blood/hiv.htm</a>
USA	Evaluation of Safety devices for Preventing Percutaneous Injuries Among Health-Care Workers During Phlebotomy Procedures – Minneapolis-St. Paul, New York City, and San Francisco, 1993-1995, MMWR 46(02):21-25;

	01/17/1997 <a href="http://aepo-xdv-www.epo.cdc.gov/wonder/prevguid/m0045648/m0045648.asp">http://aepo-xdv-www.epo.cdc.gov/wonder/prevguid/m0045648/m0045648.asp</a>
USA	Occupational Safety and Health Administration <a href="http://www.osha.gov/">http://www.osha.gov/</a> <ul style="list-style-type: none"> <li>▪ Bloodborne Pathogens (20 CFR 1910.1030) <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=10051&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=10051&amp;p_text_version=FALSE</a> This regulation focus on limiting the occupational exposure to blood and other potentially infectious materials since any exposure could result in transmission of bloodborne pathogens. It covers <b>all employees who</b> could be "reasonably anticipated" as the result of performing their job duties to <b>face contact with blood</b> and other potentially infectious materials.</li> <li>▪ Occupational Exposure to Bloodborne Pathogens; Needlestick and Other Sharps Injuries: Final Rule <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGISTER&amp;p_id=16265&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=FEDERAL_REGISTER&amp;p_id=16265&amp;p_text_version=FALSE</a></li> <li>▪ Bloodborne Pathogens Compliance Directive <a href="http://www.osha-slc.gov/OshDoc/Directive_pdf/CPL_2-2_69.pdf">http://www.osha-slc.gov/OshDoc/Directive_pdf/CPL_2-2_69.pdf</a></li> <li>▪ OSHA Safety and Health Topics: Bloodborne Pathogens <a href="http://www.osha.gov/SLTC/bloodbornepathogens/index.html">http://www.osha.gov/SLTC/bloodbornepathogens/index.html</a></li> <li>▪ OSHA CPL 2-2.69 - Enforcement Procedures for the Occupational Exposure to Bloodborne Pathogens <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=directives&amp;p_id=2570#apps">www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=directives&amp;p_id=2570#apps</a></li> <li>▪ Enforcement Procedures for Occupational Exposure to Bloodborne Pathogens <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=DIRECTIVES&amp;p_id=1556">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=DIRECTIVES&amp;p_id=1556</a></li> <li>▪ Model Exposure Control Plan <a href="http://www.osha.gov/OshDoc/Directive_pdf/CPL_2-2_69_APPD.pdf">http://www.osha.gov/OshDoc/Directive_pdf/CPL_2-2_69_APPD.pdf</a></li> <li>▪ General recording Criteria for First aid and Medical Treatment <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=9638">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=9638</a></li> <li>▪ Standard Reference. Standard Interpretations referencing 1910.1030 <a href="http://www.osha.gov/pls/oshaweb/owaquery.query_docs?src_doc_type=INTERPRETATIONS&amp;src_anchor_name=1910.1030&amp;src_ex_doc_type=STANDARDS&amp;src_unique_file=1910_1030&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owaquery.query_docs?src_doc_type=INTERPRETATIONS&amp;src_anchor_name=1910.1030&amp;src_ex_doc_type=STANDARDS&amp;src_unique_file=1910_1030&amp;p_text_version=FALSE</a></li> <li>▪ Hospital eTool – HealthCare Wide hazards Module. Bloodborne Pathogens. <a href="http://www.osha.gov/SLTC/hospital_etool/hazards/bbp/bbp.html">http://www.osha.gov/SLTC/hospital_etool/hazards/bbp/bbp.html</a></li> <li>▪ Occupational Exposure to Hazardous Chemicals in Laboratories (29 CFR 1910.1450) <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=10106&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=10106&amp;p_text_version=FALSE</a></li> <li>▪ Personal Protective Equipment (29 CFR 1910.132-139) <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=10109&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&amp;p_id=10109&amp;p_text_version=FALSE</a></li> <li>▪ Needlestick Safety and Prevention Act. Public Law 106-430 Nov. 6, 2000</li> </ul>
USA	OSHA Trade News Release. Vacutainers. OSHA position on removal of contaminated needles <a href="http://www.osha.gov/media/oshnews/june02/trade-20020612A.html">http://www.osha.gov/media/oshnews/june02/trade-20020612A.html</a>
USA	Exposure Forms <a href="http://www.med.virginia.edu/medcntr/centers/epinet/forms/BBF2001.pdf">http://www.med.virginia.edu/medcntr/centers/epinet/forms/BBF2001.pdf</a>
USA	National Institute for Occupational Safety and Health (NIOSH) <a href="http://www.cdc.gov/niosh/homepage.html">http://www.cdc.gov/niosh/homepage.html</a>

	<ul style="list-style-type: none"> <li>▪ Respirators <a href="http://www.cdc.gov/niosh/respinfo.html">http://www.cdc.gov/niosh/respinfo.html</a></li> <li>▪ Pocket Guide to Chemical Hazards <a href="http://www.cdc.gov/niosh/npg/npg.html">http://www.cdc.gov/niosh/npg/npg.html</a></li> <li>▪ NIOSH Latex Safety Alert <a href="http://www.cdc.gov/niosh/latexalt.html">http://www.cdc.gov/niosh/latexalt.html</a></li> <li>▪ NIOSH Animal Asthma Alert <a href="http://www.cdc.gov/niosh/animalrt.html">http://www.cdc.gov/niosh/animalrt.html</a></li> <li>▪ NIOSH topic page <a href="http://www.cdc.gov/niosh/topics/bbp/">http://www.cdc.gov/niosh/topics/bbp/</a></li> </ul>
USA	<p>Advancing Prion Science: Guidance for the National Prion Research Program – Interim Report (2003). Commission on “Transmissible Spongiform Encephalopathies: Assessment of Relevant Science” by the Institute of Medicine of the National Academy of Sciences <a href="http://books.nap.edu/openbook/0309087449/html/index.html">http://books.nap.edu/openbook/0309087449/html/index.html</a></p>
EU	<p><b>Council Directive 2000/54/EC</b> on the protection of workers from risks related to exposure to biological agents at work (Official Journal of the European Communities 17.10.2000 L262/21-45) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Communication from the Commission (2000) 466</b> of 5 October 2000, on the Guidelines on the assessment of chemical, physical and biological agents and the industrial processes considered hazardous for the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding (Council Directive 92/85/EC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 92/85/EC</b> of 19 October 1992, on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding (ten individual Directives within the meaning of Article 16 (1) of Directive 89/391/EEC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Commission Directive 96/94/EC</b> of 18 December 1996, on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Commission Directive 91/322/EEC</b> of 29 May 1991, on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 88/642/EEC</b> of 16 December 1988, amending Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 74/325/EEC</b> of 27 June 1974 on the setting up of an Advisory Committee on Safety, Hygiene and Health Protection at Work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
France	<p><b>Prévention des risques biologiques</b> Code de la santé publique : art . L . 711-1-1 à R . 711-1-10 Organisation de la lutte contre les infections nosocomiales</p> <p>Résolution A 3-0027/93 du 9 février 1993 sur la vaccination des professionnels</p>

de la santé et d'autres travailleurs à risque contre l'hépatite B (JOCE n° C72 ; 15 mars 1993)

Décret n° 94-352 du mai 1993 relatif à la protection des travailleurs contre les risques résultant de leur exposition à des agents biologiques et modifiant le Code du travail (deuxième partie : décrets en Conseil d'Etat) (JO, 6 mai 1993)

Arrêté du 18 juillet 1993 fixant la liste des agents biologiques pathogènes (JO, 30 juillet 1993)

Note d'information DGS/DH/DRT n° 18 du 25 septembre 1995 relative aux mesures de prévention de la transmission du virus de l'immunodéficience humaine chez les professionnels de santé et la conduite à tenir en cas d'accident avec exposition au sang ou à un autre liquide biologique (BOMTAS/MATVI n° 95/48) (1)

Décret n° 96-364 du 30 avril 1996 relatif à la protection des travailleuses enceintes ou allaitant contre les risques résultant de leur exposition à des agents chimiques, biologiques et physiques et modifiant notamment le Code du travail (deuxième partie : décrets en Conseil d'Etat) (JO, 2 mai 1996)

Arrêté du 13 août 1996 fixant les mesures techniques de prévention, notamment de confinement, à mettre en œuvre dans les industries et les laboratoires de recherche et d'enseignement où les travailleurs sont susceptibles d'être exposés à des agents biologiques pathogènes (JO, 7 sept. 1996)

Arrêté du 17 avril 1997 modifiant l'arrêté du 18 juillet 1994 fixant la liste des agents biologiques pathogènes (JO, 26 avril 1997) : voir l'arrêté du 18 juillet 1994

Décret n° 97-517 du 15 mai 1997 relatif à la classification des déchets dangereux (JO, 23 mai 1997)

Décret n° 97-1048 du 6 novembre 1997 relatif à l'élimination des déchets d'activités de soins à risques infectieux et assimilés et des pièces anatomiques et modifiant le Code de la santé publique (deuxième partie : décrets en Conseil d'Etat) (JO, 18 nov. 1997)

Arrêté du 30 juin 1998 modifiant l'arrêté du 18 juillet 1994 modifié fixant la liste des agents biologiques pathogènes (JO, 22 juillet 1998) : voir l'arrêté du 18 juillet 1994

Arrêté du 7 septembre 1999 relatif aux modalités d'entreposage des déchets d'activités de soins à risques infectieux et assimilés et des pièces anatomiques (JO, 3 oct. 1999)

Arrêté du 7 septembre 1999 relatif au contrôle des filières d'élimination des déchets d'activités de soins à risques infectieux et assimilés et des pièces anatomiques (JO, 3 oct. 1999)

Décret n° 99-1034 du 6 décembre 1999 relatif à l'organisation de la lutte contre les infections nosocomiales dans les établissements de la santé et modifiant le chapitre I<sup>er</sup> du titre I<sup>er</sup> du livre VII du Code de la santé publique (deuxième partie : décrets en Conseil d'Etat) (JO, 11 déc. 1999) : voir aussi le Code de la santé publique , articles R. 711-1-1 à R. 711-1-10

	<p>Circulaire DGS/5C/DHOS/E2 n° 2001/138 du 14 mars 2001 relative aux précautions à observer lors de soins en vue de réduire les risques de transmission d'agents transmissibles non conventionnels (BOMES n° 2001/11) (1)</p>
Germany	<p>BAuA / Praxis / Ausschuss für Biologische Arbeitsstoffe / Technische Regeln für Biologische Arbeitsstoffe (TRBA) <a href="http://www.baua.de/prax/abas/trba.htm">http://www.baua.de/prax/abas/trba.htm</a></p> <p><b><u>TRBA 001</u> - Allgemeines und Aufbau des Technischen Regelwerks zur Biostoffverordnung - Anwendung von Technische Regeln für Biologische Arbeitsstoffe (TRBA)</b> (Hinweise des Bundesministeriums für Arbeit und Sozialordnung) (BArbBl. 5/00, S. 52)</p> <p><b><u>TRBA 002</u> - Übersicht über den Stand der Technischen Regeln für Biologische Arbeitsstoffe</b> (Hinweise des Bundesministeriums für Arbeit und Sozialordnung) (BArbBl. 12/99, S. 54)</p> <p><b><u>TRBA 100</u> - Schutzmaßnahmen für gezielte und nicht gezielte Tätigkeiten mit biologischen Arbeitsstoffen in Laboratorien</b> (BArbBl. 4/02, S. 122-127)</p> <p><b><u>TRBA 105</u> - Sicherheitsmaßnahmen beim Umgang mit biologischen Arbeitsstoffen der Risikogruppe 3**</b> (BArbBl. 4/98, S. 78, zuletzt geändert BArbBl. 5/00, S. 50-52)</p> <p><b><u>TRBA 120</u> - Versuchstierhaltung</b> (BArbBl. 5/00, S. 48-50)</p> <p><b><u>TRBA 210</u> - Abfallsortieranlagen: Schutzmaßnahmen</b> (BArbBl. 6/99, S. 77-81 1. Änderung BArbBl. 8/01, S. 79)</p> <p><b><u>TRBA 211</u> - Biologische Abfallbehandlungsanlagen: Schutzmaßnahmen</b> (BArbBl. 8/01, S. 83-89) mit Änderungen und Ergänzungen: BArbBl. 10/02, S. 84-85)</p> <p><b><u>TRBA 220</u> - Sicherheit und Gesundheit bei Tätigkeiten mit biologischen Arbeitsstoffen in abwassertechnischen Anlagen</b> (BArbBl. 4/02, S. 128-134)</p> <p><b><u>TRBA 230</u> - Landwirtschaftliche Nutztierhaltung</b> (BArbBl. 6/00, S. 57-58)</p> <p><b><u>TRBA 240</u> - Schutzmaßnahmen bei Tätigkeiten mit mikrobiell kontaminiertem Archivgut</b></p>

(BArbBl. 3/03, S. 60-66)

**TRBA 300 - Arbeitsmedizinische Vorsorge**  
(in Vorbereitung)

**TRBA 310 - Arbeitsmedizinische Vorsorge nach Anhang VI Gentechnik-Sicherheitsverordnung**  
(BArbBl. 7-8/97, S. 87)

**TRBA 310 - 1. Ergänzung**  
(BArbBl. 3/98, S. 67)

**TRBA 310 - 2. Ergänzung**  
(BArbBl. 12/98, S. 36)

**TRBA 400 - Handlungsanleitung zur Gefährdungsbeurteilung bei Tätigkeiten mit biologischen Arbeitsstoffen**  
(BArbBl. 8/01, S. 89-99)

**TRBA 405 - Anwendung von Messverfahren und technischen Kontrollwerten für luftgetragene Biologische Arbeitsstoffe**  
(BArbBl. 5/01, S. 58)

**TRBA 405 - Ergänzung**  
(BArbBl. 3/03, S. 59-60)

**TRBA 450 - Einstufungskriterien für Biologische Arbeitsstoffe**  
(BArbBl. 6/00, S. 58-61  
mit Änderungen und Ergänzungen: BArbBl. 4/02, S. 127-128)

**TRBA 450 - Änderung und Ergänzung**  
(BArbBl. 10/02, S. 86)

**TRBA 460 - Einstufung von Pilzen in Risikogruppen**  
(BArbBl. 10/02, S. 78-84)

**TRBA 462 - Einstufung von Viren in Risikogruppen**  
(BArbBl. 12/98, S. 41)

**TRBA 464 - Einstufung von Parasiten in Risikogruppen**  
(BArbBl. 4/02, S. 134-139)

**TRBA 464 - Änderung und Ergänzung**  
(BArbBl. 10/02, S. 86)

**TRBA 466 - Einstufung von Bakterien in Risikogruppen**  
(BArbBl. 10/02, S. 87-146)

**TRBA 500 - Allgemeine Hygienemaßnahmen: Mindestanforderungen**  
(BArbBl. 6/99, S. 81)

	<p><b><a href="#">Beschluss 601</a> - Sicherheitstechnische Anforderungen zur Tuberkulosedagnostik in Laboratorien</b> (BArbBl. 5/00, S. 53 mit Änderungen und Ergänzungen: BArbBl. 5/01, S. 61)</p> <p><b><a href="#">Beschluss 602</a> - Spezielle Maßnahmen zum Schutz der Beschäftigten vor Infektionen durch BSE/TSE-Erreger</b> (BArbBl. 8/01, S. 75-77 3. Aktualisierung BArbBl. 10/02, S. 86-87)</p> <p><b><a href="#">Beschluss 603</a> - Schutzmaßnahmen bei Tätigkeiten mit Transmissibler Spongiformer Enzephalopathie (TSE) assoziierte n Agenzien in TSE Laboratorien</b> (BArbBl. 3/03, S. 55-59)</p> <p><b><a href="#">Beschluss 604</a> - Sicherheitstechnische Anforderungen zur Milzbranddiagnostik in Laboratorien</b> (BArbBl. 4/02, S. 139-140)</p> <p><b>Beschluss 604 - <a href="#">Ergänzung</a></b> (BArbBl. 3/03, S. 60)</p> <p><b><a href="#">Beschluss 605</a> - Tätigkeiten mit poliovildvirus-infiziertem und/oder potentiell infektiösem Material einschließlich der sicheren Lagerung von Poliovildviren in Laboratorien</b> (BArbBl. 10/02, S. 146-148)</p> <p><b><a href="#">Beschluss 606</a> - Biologische Arbeitsstoffe mit sensibilisierender Wirkung</b> (BArbBl. 3/03, S. 66-68)</p> <p>Verordnung über Sicherheit und Gesundheitsschutz bei Tätigkeiten mit biologischen Arbeitsstoffen (<b>Biostoffverordnung – BioStoffV</b>) BGBl. I 1999, 50, letzte Änderung durch Art. 2 Nr. 9 der V vom 18.10.1999 BGBl. I 1999 2059 This regulation on worker protection implements Directive 90/679/EEC <a href="http://de.osha.eu.int/legislation/verord/biostoffv.htm">http://de.osha.eu.int/legislation/verord/biostoffv.htm</a></p>
UK	<p>Department of Health. Advisory Committee on Dangerous Pathogens: <a href="http://www.doh.gov.uk/acdp/index.htm">http://www.doh.gov.uk/acdp/index.htm</a></p> <ul style="list-style-type: none"> <li>▪ Protection against blood-borne infections in the work place: HIV and hepatitis. HMSO, 21 November 1995</li> <li>▪ Revised Advice on Laboratory Containment Measures for work with Tissue samples in Clinical Cytogenetics Laboratories. Supplement to ACDP guidance on protection against blood-borne infections in the workplace: HIV and hepatitis. July 2001</li> </ul>
<b>EU – PPE</b>	
EU	<p><b>Directive 93/95/EEC</b> on PPE <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Directive 93/68/EEC</b> CE marking <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 89/656/EEC</b> of 30 November 1989 on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (third individual directive within the meaning of Article 16 (1) of Directive 89/391/EEC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>

EU	<b>Council Directive 89/686/EEC</b> of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Framework Directive 89/391/EEC</b> <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
CEN	<b>Standard EN 420</b> General requirements for protective gloves
CEN	<b>Standard EN 374</b> Gloves giving protection from chemicals and micro-organisms
CEN	<b>Standard EN 455 (455-1, 455-3)</b> Acceptable Quality Level
CEN	<b>Standard EN 556</b> sterility assurance level
	Glove material permeability list and allergenicity <a href="http://www.ansell.be/">http://www.ansell.be/</a>
<b>Human Tissues and Cells</b>	
EU	Proposal for a Directive of the European Parliament and of the Council on setting standards of quality and safety for the donation, procurement, testing, processing, storage, and distribution of human tissues and cells – <b>2002/0128 (COD)</b> Brussels 19.6.2002 COM(2002) 319 final OJ C 277 E p.0505-0512 24/09/2002 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	Opinion of the European Economic and Social Committee on the “Proposal for a Directive of the European Parliament and of the Council on setting standards of quality and safety for the donation, procurement, testing, processing, storage, and distribution of human tissues and cells” (COM (2002) 319 final – 2002/0128 (COD)) OJ C 085 p.0044-0051 08/04/2003 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
	Human and Animal Cell Line Names - Click on the cell line name to have the detailed description. <a href="http://www.biotech.ist.unige.it/cldb/cname-1c.html">http://www.biotech.ist.unige.it/cldb/cname-1c.html</a>

<b>DISINFECTION AND BIOLOGICAL WASTE</b>	
USA	<p>Environmental Protection Agency (EPA)  <a href="http://www.epa.gov">http://www.epa.gov</a></p> <ul style="list-style-type: none"> <li>▪ Hazardous Waste  <a href="http://www.epa.gov/epaoswer/osw/hazwaste.htm">http://www.epa.gov/epaoswer/osw/hazwaste.htm</a></li> <li>▪ EPA Antimicrobial Chemical Registrations  <a href="http://www.epa.gov/oppad001/chemregindex.htm">http://www.epa.gov/oppad001/chemregindex.htm</a></li> <li>▪ EPA: Pesticides-Antimicrobial Pesticides  <a href="http://www.epa.gov/oppad001/">http://www.epa.gov/oppad001/</a></li> <li>▪ EPA's Registering Pesticides  <a href="http://www.epa.gov/pesticides/regulating/registering/index.htm">http://www.epa.gov/pesticides/regulating/registering/index.htm</a></li> </ul>
USA	<p>National Pesticides Information Center  <a href="http://npic.orst.edu">http://npic.orst.edu</a></p>
USA	<p>APIC Guideline for the Selection and Use of Disinfectants. Guidelines for Infection Control Practice  Reprinted from AJIC (American Journal of Infection Control) Vol 24 No 4 pp313-342, August 1996  <a href="http://www.apic.org/pdf/gddisinf.pdf">http://www.apic.org/pdf/gddisinf.pdf</a></p>
<b>Medical Devices</b>	
USA	<p>ANSI/AAMI ST35:1996 -- Safe handling and biological decontamination of medical devices in health care facilities and in nonclinical settings  <a href="http://webstore.ansi.org/ansidocstore/default.asp">http://webstore.ansi.org/ansidocstore/default.asp</a></p>
Canada	<p>CSA Z314.8 - Decontamination of Reusable Medical Devices  <a href="http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp">http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp</a></p>
Canada	<p>Draft CAN/CSA-Z314.22 - Management of Loaned and Shared Medical Instrumentation and Accompanying Devices  <a href="http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp">http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp</a></p>
UK	<p>Department of Health (2000) Decontamination of medical devices HSC 2000/032 2000  <a href="http://www.info.doh.gov.uk/doh/coin4.nsf/page/HSC-2000-032?OpenDocument">http://www.info.doh.gov.uk/doh/coin4.nsf/page/HSC-2000-032?OpenDocument</a></p>
UK	<p>Department of Health (1993) HSG (93) 26 Decontamination of equipment prior to inspection, service, or repair  <a href="http://www.medical-devices.gov.uk/mda/mdawebsitev2.nsf/99951eddaceb60bc00256a760041066c/b485a04462c228ea802569ac00523059/\$FILE/Orthotic.pdf">http://www.medical-devices.gov.uk/mda/mdawebsitev2.nsf/99951eddaceb60bc00256a760041066c/b485a04462c228ea802569ac00523059/\$FILE/Orthotic.pdf</a></p>
UK	<p>UK Medical Devices Agency (2002) SN 2002(17) - Management of loaned medical devices, equipment or accessories from manufacturers or other hospitals  <a href="http://www.medical-devices.gov.uk/">http://www.medical-devices.gov.uk/</a></p>
UK	<p>UK Medical Devices Agency (2000) SN 2000(18) - Handling of Surgical Instruments on Loan From Another Organisation  <a href="http://www.medical-devices.gov.uk/">http://www.medical-devices.gov.uk/</a></p>
	<p>See also under Books and Other Publications</p>

**EMERGENCY RESPONSE, BIOTERRORISM AND BIOSECURITY**

**Biological and Toxins Weapons Convention**

International	Protocol for the Prohibition of Poisonous Gases and Bacteriological Methods of Warfare. Geneva, June 17, 1925
International	Convention on the Prohibition of the Development, Production and Stockpiling of Bacteriological (Biological) and Toxin Weapons and on their Destruction. The Convention was opened for signature on 10 April 1972 and came into force on 26 March 1975, when twenty-two governments had deposited their instruments of ratification <a href="http://www.unog.ch/frames/disarm/distreat/bac_72.htm">Http://www.unog.ch/frames/disarm/distreat/bac_72.htm</a>
International	Australia Group The Australia Group is an informal group of 28 industrial countries that seeks to prevent the spread of chemical and biological weapons material and technology <a href="http://www.fas.org/nuke/control/ag/index.htm">Http://www.fas.org/nuke/control/ag/index.htm</a>
EFB	European Federation of Biotechnology – Working Party on Safety in Biotechnology: A Strengthened Biological and Toxin Weapons Convention - Potential Implications for Biotechnology. Symposium held on 28-29 May 1998 in Vienna, Austria

**Bioterrorism and Biosecurity**

Canada	Health Canada Office of Laboratory Security, Biosafety Division <a href="http://www.hc-sc.gc.ca/pphb-dgspssp/ols-bsl/index.html">http://www.hc-sc.gc.ca/pphb-dgspssp/ols-bsl/index.html</a>
EU	Communication from the Commission to the Council and the European Parliament on cooperation in the European Union on preparedness and response to biological and chemical agent attacks (Health Security) COM(2003) 320 final 2.6.2003 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
USA	OSHA emergency preparedness and emergency response <a href="http://www.osha-slc.gov/SLTC/emergencypreparedness/index.html">http://www.osha-slc.gov/SLTC/emergencypreparedness/index.html</a>
USA	CDC Bioterrorism website <a href="http://www.bt.cdc.gov">http://www.bt.cdc.gov</a>
USA	CDC Health and Safety Office <a href="http://www.cdc.gov/od/ohs/hslinks.htm">http://www.cdc.gov/od/ohs/hslinks.htm</a>
USA	ABSA - bioterrorism <a href="http://www.absa.org/Bioterrorism.htm">http://www.absa.org/Bioterrorism.htm</a> <a href="http://www.absa.org/resources/resource.htm">http://www.absa.org/resources/resource.htm</a>
USA	American Society for Microbiology (ASM) <a href="http://www.asm.org">http://www.asm.org</a> <a href="http://www.asm.org/pasrc/bioprep.htm">http://www.asm.org/pasrc/bioprep.htm</a>
USA	Public Law 107-188—June 12, 2002 Public Health Security and Bioterrorism Preparedness and Response Act of 2002, H.R.3448 <a href="http://thomas.loc.gov/">http://thomas.loc.gov/</a> <a href="http://www.asmtusa.org/pasrc/hr3448-sec201.htm">http://www.asmtusa.org/pasrc/hr3448-sec201.htm</a> <a href="http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=107_cong_public_laws&amp;docid=f:publ188.107.pdf">http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=107_cong_public_laws&amp;docid=f:publ188.107.pdf</a>
USA	Department of Agriculture. Animal and Plant Health Inspection Service 7 CFR Part 331, 9 CFR Part 121 Agricultural Bioterrorism Protection Act of 2002. Listing of Biological Agents and Toxins and Requirements and Procedures for Notification of Possession. Fed Reg Aug 12, 2002 Vol.67, No.155, p.52383
USA	Department of Agriculture. Animal and Plant Health Inspection Service 7CFR Part 331, 9 CFR Part 121 Agricultural Bioterrorism Protection Act of 2002.

	Listing of Biological Agents and Toxins and Requirements and Procedures for Notification of Possession. Fed Reg Aug 12, 2002 Vol.67, No.155, p.52383
USA	Public Law 107-56-October 26, 2001. Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism (USA Patriot Act) Act of 2001. <a href="http://frwebgate.access.gpo.gov/cgi-bib/getdoc.cgi?dbname=107_cong_public_laws&amp;docid=f:publ056.107.pdf">http://frwebgate.access.gpo.gov/cgi-bib/getdoc.cgi?dbname=107_cong_public_laws&amp;docid=f:publ056.107.pdf</a>
USA	Additional Requirements for Facilities Transferring or Receiving Select Agents. Department of Health and Human Services. 42 CFR part 72 / RIN 0905-AE70 <a href="http://www.cdc.gov/od/ohs/lrsat/42cfr72.html">http://www.cdc.gov/od/ohs/lrsat/42cfr72.html</a>
USA	Office of the Director, Select Agent Program <a href="http://www.cdc.gov/od/sap">http://www.cdc.gov/od/sap</a>
USA	Possession, Use, and Transfer of Biological Agents and Toxins <a href="http://www.aphis.usda.gov/vs/ncie/pdf/btarule.pdf">http://www.aphis.usda.gov/vs/ncie/pdf/btarule.pdf</a>
USA	Department of Agriculture 7 CFR Part 331 and 9 CFR Part 121. Agricultural Bioterrorism Protection Act of 2002; Possession, Use and Transfer of Biological Agents and Toxins; USDA 7 CFR 331.10, 331.11, 331.14 USDA 9 CFR 121.11, 121.12, 121.15 Interim Final Rule. Fed Reg Dec 13, 2002 Vol.67, No.240, p.76908
USA	Department of Health and Human Services, 42 CFR Part 73 Possession, Use and Transfer of Select Agents and Toxins. Fed Reg Dec 13, 2002, Vol.67, No.240, p.76886
USA	Laboratory Security and Emergency Response. Guidance for Laboratories Working with Select Agents. MMWR December 6, 2002 Vol.51 No. RR-19
USA	Security risk assessment application <a href="http://www.cdc.gov/od/sap/securisk.htm">http://www.cdc.gov/od/sap/securisk.htm</a>
USA	Select Agent Program – information, regulations and forms available at: <a href="http://www.cdc.gov/od/sap/">http://www.cdc.gov/od/sap/</a>
USA	Department of Health and Human Services, 42 CFR Part 72, Appendix A. Interstate Shipment of Etiological Agents; Select Agents Proposed changes. Fed Reg Aug 23, 2002 Vol.67, No.164, p.54605
	American Biological Safety Association <a href="http://www.absa.org">www.absa.org</a>
	Laboratory Security and Emergency Response Guidance for Laboratories Working with Select Agents”, MMWR, Dec 6, 2002 <a href="http://www.cdc.gov/mmwr">www.cdc.gov/mmwr</a>
	APIC Bioterrorism Readiness Products <a href="http://www.apic.org/bioterror/bioterrorproducts.cfm">www.apic.org/bioterror/bioterrorproducts.cfm</a>
	National Center for Environmental Health <a href="http://www.cdc.gov/nceh">www.cdc.gov/nceh</a>
	New Scientist, Bioterrorism Web Links <a href="http://www.newscientist.com/hottopics/bioterrorism/bioterrorismlinks.jsp">www.newscientist.com/hottopics/bioterrorism/bioterrorismlinks.jsp</a>
	“Security Considerations for Microbiological and Biomedical Facilities”, Royse and Johnson, Anthology V: BSL-4 Laboratories, Chapter 6, 2002, <a href="http://www.absa.org">www.absa.org</a>
	ABSA Biosecurity Task Force White Paper: Understanding Biosecurity: <a href="http://www.absa.org/rescdcnote.html">http://www.absa.org/rescdcnote.html</a>
USA	US biosecurity laws and regulations <a href="http://www.asm.org/pasrc.biolegislation.htm">www.asm.org/pasrc.biolegislation.htm</a>
USA	USDA Security Policies and Procedures for Biosafety Level-3 Facilities:

	<a href="http://www.usda.gov/ocio/directives/DM/DM9610-001.htm">www.usda.gov/ocio/directives/DM/DM9610-001.htm</a>
USA	Terrorism and Public Health <a href="http://www.bt.cdc.gov/">www.bt.cdc.gov/</a>
USA	Association of Public Health Laboratories <a href="http://www.aphl.org">www.aphl.org</a>
USA	ASHRAE: Risk Management Guidance for Health, Safety and Environmental Security under Extraordinary Incidents <a href="http://www.ashrae.com/">http://www.ashrae.com/</a>
USA	Crime Prevention Through Environmental Design (CPTED) <a href="http://www.cpted.net">www.cpted.net</a>
USA	Bioterrorism and Biocrimes, The Illicit Use of Biological Agents Since 1900, W. Seth Carus <a href="http://www.ndu.edu/centercounter/Full_Doc.pdf">http://www.ndu.edu/centercounter/Full_Doc.pdf</a>
USA	DOT 49 CFR 172, Hazardous Materials: Security Requirements for Offerors and Transporters of Hazardous Materials, Federal Register, Vol. 68, No. 57, March 25, 2003
USA	American Society for Microbiology: Biological Weapons Control and Bioterrorism Preparedness <a href="http://www.asm.org/pasrc/bioprep.htm">www.asm.org/pasrc/bioprep.htm</a>
USA	Johns Hopkins Center for Civilian Biodefense Strategies <a href="http://www.hopkins-biodefense.org">www.hopkins-biodefense.org</a>
USA	Public Health Response to Biological and Chemical Terrorism: <a href="http://www.bt.cdc.gov/Documents/Planning/PlanningGuidance.PDF">http://www.bt.cdc.gov/Documents/Planning/PlanningGuidance.PDF</a>
USA	DoD <a href="http://www.usapa.army.mil/usapa_home.asp">Http://www.usapa.army.mil/usapa_home.asp</a> <ul style="list-style-type: none"> <li>➤ Chemical Surety (AR 50-6)</li> <li>➤ Biological Defense Safety Program (PAM 385-69)</li> <li>➤ Chemical Agent Security Program (AR 190-59)</li> </ul>
USA	Laboratory Registration/Select Agent Transfer Program <a href="http://www.cdc.gov/od/ohs/lrsat/possess.htm">http://www.cdc.gov/od/ohs/lrsat/possess.htm</a>
USA	OMB Approval of Data Collection Notice, Notification of Possession of Select Agents <a href="http://www.asmus.org/pasrc/selectagent8602.pdf">http://www.asmus.org/pasrc/selectagent8602.pdf</a>
USA	Biotechnology Research in an Age of Terrorism: Confronting the "Dual Use" Dilemma. Committee on Research Standards and Practices to Prevent the Destructive Application of Biotechnology, Development, Security and Cooperation. National Research Council. <a href="http://www.nap.edu/catalog/10827.html">http://www.nap.edu/catalog/10827.html</a>

<b>RISK ASSESSMENT</b>	
Canada	Material Safety Data Sheet (MSDS) for Biologicals. Health Canada, Office of Laboratory Security <a href="http://www.hc-sc.gc.ca/pphb-dgspssp/msds-ftss/index.html">http://www.hc-sc.gc.ca/pphb-dgspssp/msds-ftss/index.html</a>
Canada	The Laboratory Biosafety Guidelines, 3 <sup>rd</sup> Edition – Draft, September 20, 2001. Health Canada <a href="http://www.hc-sc.gc.ca/pphb-dgspssp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgspssp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf</a>
USA	CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4 <sup>th</sup> edition, 1999 <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a>
USA	NIH Guidelines for Recombinant DNA Molecules, April 2002 <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a>
WHO	Laboratory Biosafety Manual 2nd edition (Revised), 2003. WHO/CDS/CSR/LYO/2003.4 <a href="http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/">http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/</a>
Russia	Safety in Working with Groups I and II Pathogenicity Microorganisms: Sanitation Regulation SP 1.2.011-94. State System for Sanitation-Epidemiological Standardization of the Russian Federation. LN069-99.  A hard copy is available from Jairo Betancourt ( <a href="mailto:jairob@miami.edu">jairob@miami.edu</a> )
International	Occupationally-Acquired Microbial Diseases – A Bibliography <a href="http://www.ebsa.be/topics/LAI/lai.htm">http://www.ebsa.be/topics/LAI/lai.htm</a>
<b>Worker Protection</b>	
EU	<b>Council Directive 2000/54/EC</b> on the protection of workers from risks related to exposure to biological agents at work (Official Journal of the European Communities 17.10.2000 L262/21-45) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Communication from the Commission (2000) 466</b> of 5 October 2000, on the Guidelines on the assessment of chemical, physical and biological agents and the industrial processes considered hazardous for the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding (Council Directive 92/85/EC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 92/85/EC</b> of 19 October 1992, on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding (ten individual Directives within the meaning of Article 16 (1) of Directive 89/391/EEC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 96/94/EC</b> of 18 December 1996, on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 91/322/EEC</b> of 29 May 1991, on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 88/642/EEC</b> of 16 December 1988, amending Directive

	80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 74/325/EEC</b> of 27 June 1974 on the setting up of an Advisory Committee on Safety, Hygiene and Health Protection at Work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
France	Décret 94-352 du 4 mai 1994 – Décret relatif à la protection des travailleurs contre les risques résultant de leur exposition à des agents biologiques  Arrêté du 18 juillet 1994 fixant la liste des agents biologiques pathogènes  Arrêté du 13 août 1996 - Mesures techniques de prévention, notamment de confinement à mettre en oeuvre dans les industries et les laboratoires de recherche et d'enseignement où les travailleurs sont susceptibles d'être exposés à des agents biologiques pathogènes
<b>Contained Use of Genetically Modified Organisms</b>	
EU	<b>Directive 98/81/EC</b> of 26 October 1998 amending Directive 90/219/EEC on the contained use of genetically modified micro-organisms (O.J. EC 05.12.1998 – L330/0013-0031) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Decision</b> of 27 September 2000 concerning the guidance notes for risk assessment outlined in Annex III of Directive 90/219/EEC on the contained use of genetically modified micro-organisms - <b>2000/608/EC</b> (OJ EC 12.10.2000 L258/43-48) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 8 March 2001 supplementing Directive 90/219/EEC as regards the criteria for establishing the safety, for human health and the environment, of types of genetically modified micro-organisms – <b>2001/204/EC</b> (O.J. EC 15.03.2001 L73/32-34) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 90/219/EEC</b> of 23 April 1990 on the contained use of genetically modified micro-organisms <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
France	Loi 92-654 de juillet 1992 Loi relative au contrôle de l'utilisation et de la dissémination des organismes génétiquement modifiés et modifiant la loi 76-663 du 19 juillet 1976 relative aux installations classées pour la protection de l'environnement (1)  Décret 93-773 du 27 mars 1993 – Contrôle de l'utilisation et de la dissémination des OGM  Arrêté du 27 décembre 1994 – Arrêté relatif au dossier de demande d'agrément (1)  Décret 93-774 du 27 mars 1993, modifié par le décret 98-18 du 8 janvier 1998 – Liste des techniques de modification génétique et les critères des classement des OGM  Circulaire du 16 Avril 1996 relative aux utilisations confinées d'organismes génétiquement modifiés à des fins de recherche, de développement ou d'enseignement

<b>Deliberate Release of Genetically Modified Organisms</b>	
EU	<b>Directive 2001/18/EC</b> of the European Parliament and the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Directive 90/220/EEC (OJEC 17.4.2001 L106/1-38) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 3 October 2002 establishing guidance notes supplementing Annex VII to Directive 2001/18/EC of the European Parliament and the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Directive 90/220/EEC – <b>2002/811/EC</b> (OJEC 18.10.2002 L 280/27 -36) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 3 October 2002 establishing pursuant Directive 2001/18/EC of the European Parliament and the Council the summary information format relating to the placing on the market of genetically modified organisms as or in products – <b>2002/812/EC</b> (OJEC 18.10.2002 L 280/37-61) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 3 October 2002 establishing, pursuant to Directive to Directive 2001/18/EC of the European Parliament and the Council the summary information format for notifications concerning the deliberate release into the environment of genetically modified organisms for purposes other than for placing on the market – <b>2002/813/EC</b> (OJEC 18.10.2002 L 280/62-83) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Regulation (EC) No 1829/2003</b> of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed (OJEU 18.10.2003 L268/1-23) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Regulation (EC) No 1830/2003</b> of the European Parliament and of the Council of 22 September 2003 concerning the traceability and labeling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC (OJEU 18.10.2003 L268/24-43) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
<b>Risk Classification of Organisms</b>	
Belgium	Risk classification of organisms (human, animal and plant pathogens) (Moniteur Belge 26.02.2002) <a href="http://biosafety.ihe.be/RA/Class/ClassMain.html">http://biosafety.ihe.be/RA/Class/ClassMain.html</a> )
France	Principes de Classement et Guide Officiels de la Commission de Génie Génétique (CGG) Risk group classification of human, animal and plant pathogens <a href="http://www.education.gouv.fr/rt/commis/genetique/principe/principe.htm">http://www.education.gouv.fr/rt/commis/genetique/principe/principe.htm</a> )
Germany	Technische Regeln für Biologische Arbeitsstoffe (TRBA) <a href="http://www.baua.de/prax/abas/trba.htm">http://www.baua.de/prax/abas/trba.htm</a> information on bacteria, viruses, fungi and parasites
Germany	Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten. Robert Koch Institut. Risk group classification of microorganisms <a href="http://www.rki.de/GENTEC/ZKBS/ORGLISTE/LISTE_VOR.HTM">http://www.rki.de/GENTEC/ZKBS/ORGLISTE/LISTE_VOR.HTM</a> and <a href="http://www.rki.de/GENTEC/ZKBS/ORGLISTE/ORGANISMENLISTE.PDF">http://www.rki.de/GENTEC/ZKBS/ORGLISTE/ORGANISMENLISTE.PDF</a>
International	ABSA compilation of Risk Group classification for infectious substances <a href="http://www.absa.org/resriskgroup.html">http://www.absa.org/resriskgroup.html</a> Note that the classification information may not be up-to-date
Switzerland	Swiss Agency for the Environment, Forests and Landscape Classification of Organisms According to the Risk Presented to People and the Environment

	I. Bacteria (August 2000) ( <a href="http://www.buwal.ch/stobobio/biotechnologie/e/bacteries.htm">http://www.buwal.ch/stobobio/biotechnologie/e/bacteries.htm</a> )
UK	Health Directorate, Health and Safety Executive (HSE) The Control of Substances Hazardous to Health Regulations 1994. Second Supplement to: Categorisation of biological agents according to hazard and categories of containment (4 <sup>th</sup> edition, 1995) <a href="Http://www.hse.gov.uk/hthdir/noframes/agents.htm">Http://www.hse.gov.uk/hthdir/noframes/agents.htm</a>

<b>BIOSAFETY CONTAINMENT FACILITIES, EQUIPMENT, PRACTICES AND PPE</b>	
WHO	Laboratory Biosafety Manual 2nd edition (Revised), 2003. WHO/CDS/CSR/LYO/2003.4 <a href="http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/">http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/</a>
USA	CDC-NIH: Biosafety in Microbiological and Biomedical Laboratories, 4 <sup>th</sup> edition, 1999 <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a>
USA	NIH Guidelines for Recombinant DNA Molecules, April 2002 <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a>
USA	NIH Design Policy and Guidelines <a href="http://des.od.nih.gov/eWeb/planning/html/nihpol.htm">http://des.od.nih.gov/eWeb/planning/html/nihpol.htm</a>
USA	Department of Agriculture (USDA) <a href="http://www.usda.gov">http://www.usda.gov</a> <ul style="list-style-type: none"> <li>▪ Agricultural Research Service (ARS) <a href="http://www.ars.usda.gov/">http://www.ars.usda.gov/</a></li> <li>▪ Facility Design Standards 242.1M of July 24, 2002 <a href="http://www.afm.ars.usda.gov/ppweb/242-01m.htm">http://www.afm.ars.usda.gov/ppweb/242-01m.htm</a></li> </ul>
Canada	The Laboratory Biosafety Guidelines, 3 <sup>rd</sup> Edition – Draft, September 20, 2001. Health Canada <a href="http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf</a>
Canada	Containment Standards for Veterinary Facilities <a href="http://www.inspection.gc.ca/english/lab/bioe.shtml">http://www.inspection.gc.ca/english/lab/bioe.shtml</a> <a href="http://www.inspection.gc.ca/english/lab/convet/convete.shtml">http://www.inspection.gc.ca/english/lab/convet/convete.shtml</a>
UK	Department of Health. Advisory Committee on Dangerous Pathogens <a href="http://www.doh.gov.uk/acdp/index.htm">http://www.doh.gov.uk/acdp/index.htm</a> <ul style="list-style-type: none"> <li>▪ The management, design and operation of microbiological containment laboratories. HSE Books, 2001</li> </ul>
UK	HSE: Part 3E. Selection of Containment and Control Measures for Animals Infected with, or in Association with, GMMS <a href="http://www.hse.gov.uk/hthdir/noframes/acgmcomp/3e.pdf">http://www.hse.gov.uk/hthdir/noframes/acgmcomp/3e.pdf</a>
UK	HSE: Part 3A. Selection of Containment and Control Measures for Laboratory and Large Scale Activities Involving GMMS
<b>PPE</b>	
USA	Occupational Safety and Health Administration <a href="http://www.osha.gov/">http://www.osha.gov/</a> <ul style="list-style-type: none"> <li>▪ Bloodborne Pathogens (29 CFR 1910.1030) <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=S_TANDARDS&amp;p_id=10051&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=S_TANDARDS&amp;p_id=10051&amp;p_text_version=FALSE</a></li> <li>▪ Personal Protective Equipment (29 CFR 1910.132-139) <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=S_TANDARDS&amp;p_id=10109&amp;p_text_version=FALSE">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=S_TANDARDS&amp;p_id=10109&amp;p_text_version=FALSE</a></li> <li>▪ Needlestick Safety and Prevention Act. Public Law 106-430 Nov. 6, 2000</li> </ul>
USA	National Institute for Occupational Safety and Health (NIOSH) <a href="http://www.cdc.gov/niosh/homepage.html">http://www.cdc.gov/niosh/homepage.html</a> <ul style="list-style-type: none"> <li>▪ Respirators <a href="http://www.cdc.gov/niosh/respinfo.html">http://www.cdc.gov/niosh/respinfo.html</a></li> <li>▪ NIOSH Latex Safety Alert <a href="http://www.cdc.gov/niosh/latexalt.html">http://www.cdc.gov/niosh/latexalt.html</a></li> </ul>

EU	<b>Directive 93/95/EEC</b> on PPE <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Directive 93/68/EEC</b> CE marking <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 89/656/EEC</b> of 30 November 1989 on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (third individual directive within the meaning of Article 16 (1) of Directive 89/391/EEC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 89/686/EEC</b> of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Framework Directive 89/391/EEC</b> <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
CEN	<b>Standard EN 420</b> General requirements for protective gloves
CEN	<b>Standard EN 374</b> Gloves giving protection from chemicals and micro-organisms
CEN	<b>Standard EN 455 (455-1, 455-3)</b> Acceptable Quality Level
CEN	<b>Standard EN 556</b> sterility assurance level
	Glove material permeability list and allergenicity <a href="http://www.ansell.be">http://www.ansell.be</a> <a href="http://www.ansellhealthcare.com/europe/other/index.html">http://www.ansellhealthcare.com/europe/other/index.html</a>
	Glove information <a href="http://www.inform.umd.edu/campusinfo/departments/envirsafety/ls/gloves.html">www.inform.umd.edu/campusinfo/departments/envirsafety/ls/gloves.html</a>
	Glove Selection <a href="http://www.bestglove.com">www.bestglove.com</a>
	Glove Selection Reference <a href="http://www.orcbs.msu.edu/chemical/glove_guide/glove_guide_master.htm">www.orcbs.msu.edu/chemical/glove_guide/glove_guide_master.htm</a>
UK	Guide to implementing an effective respiratory protective device programme British Standard BS 4275 : 1997
<b>Biosafety Cabinets</b>	
USA	CDC-NIH Primary Containment for Biohazards: Selection, Installation and use of Biological Safety Cabinets, 2 <sup>nd</sup> Edition <a href="http://www.cdc.gov/od/ohs/biosfty/bsc/bsc.htm">http://www.cdc.gov/od/ohs/biosfty/bsc/bsc.htm</a>  This text presents information on the design, selection, function and use of biological safety cabinets (BSCs), which are the primary means of containment developed for working safely with infectious microorganisms. Brief descriptions of the facility and engineering concepts for the conduct of microbiological research are also provided. BSCs are only one part of an overall biosafety program which requires consistent use of good microbiological practices
USA	NSF International – Class II Biosafety Cabinetry standards <a href="http://www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&amp;subgroup_id=209">http://www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&amp;subgroup_id=209</a>
	Using Hydrogen Peroxide Vapor to Decontaminate Biological Safety Cabinets Jones, R., Drake, J., Eagleson, D. <a href="http://www.bakerco.com/news/acumen/acumen_vol1no1.pdf">http://www.bakerco.com/news/acumen/acumen_vol1no1.pdf</a>
	Cycle Parameter for Decontaminating a Biological Safety Cabinet Using H <sub>2</sub> O <sub>2</sub> Vapor Jones, R., Stuart, D, Large, S., Ghidoni, D. <a href="http://www.bakerco.com/news/acumen/acumen_vol1no2.pdf">http://www.bakerco.com/news/acumen/acumen_vol1no2.pdf</a>
	Using Thimbles to Connect Biological Safety Cabinets to Variable Air Volumen (VAV) Exhaust Systems Jones, R., Ghidoni, D., Eagleson, D. <a href="http://www.bakerco.com/news/acumen/acumen_vol2no1.pdf">http://www.bakerco.com/news/acumen/acumen_vol2no1.pdf</a>
	Using a Constant Air Volume Controller to Insulate a Class II Biosafety Cabinet

	from Negative Effects of a Variable Air Volume Exhaust System Jones, R., Ghidoni, D., Eagleson, D. <a href="http://www.bakerco.com/news/acumen/acumen_vol2no2.pdf">http://www.bakerco.com/news/acumen/acumen_vol2no2.pdf</a>
	Risks to Assess when Selecting Clean Benches and Biosafety Cabinets for Animal Research <a href="http://www.bakerco.com/news/acumen/acumen_vol3no1.pdf">http://www.bakerco.com/news/acumen/acumen_vol3no1.pdf</a>
	Terminology Changes in the 2002 Revision of NSF 49 NSF/ANSI Standard # 49 – 2002. Class II Biological safety Cabinets Types D.G. Stuart, D. Eagleson <a href="http://www.bakerco.com/news/acumen/acumen_vol8no1.pdf">http://www.bakerco.com/news/acumen/acumen_vol8no1.pdf</a>
UK	British Standard BS5726-1992 Microbiological Safety Cabinets Parts 1-4. Parts 1 and 3 are superceded by BS EN 12469:2000 Biotechnology – Performance Criteria for Microbiological Safety Cabinets.
	KI discus test associated with British Standard BS5726-1992:  Clark, R.P. & Goff, M.R. 1981 The potassium iodide method for determining protection factors in open-fronted microbiological safety cabinets. <i>Journal of Applied Bacteriology</i> , <b>51</b> , 439 460.  Clark, R.P., Elliott, C.J., Lister, P.A. 1981 A comparison of methods to measure operator protection methods in open-fronted microbiological safety cabinets. <i>Journal of Applied Bacteriology</i> , <b>51</b> , 461 473.  Clark, R.P., Osborne, R.W., Pressey, D.C., Grover, F., Keddie, J.R., Thomas, C. 1990 Open fronted safety cabinets in ventilated laboratories. <i>Journal of Applied Bacteriology</i> , <b>69</b> , 338 358  Osborne, R., Durkin, T., Shannon, H., Dornan, E. & Hughes, C. 1999. Performance of open-fronted microbiological safety cabinets: the value of operator protection tests during routine servicing. <i>Journal of Applied Microbiology</i> <b>86</b> (6), 962-970.
Australia	NATA (National Association of Testing Authorities, Australia) accreditation <a href="http://www.nata.asn.au/index.htm">http://www.nata.asn.au/index.htm</a>
<b>Safer Sharps</b>	
	International Health Care Worker Safety Center <a href="http://hsc.virginia.edu/medcntr/centers/epinet/home.html">http://hsc.virginia.edu/medcntr/centers/epinet/home.html</a>  Safety Devices <a href="http://www.med.virginia.edu/medcntr/centers/epinet/products.html">http://www.med.virginia.edu/medcntr/centers/epinet/products.html</a>
	The California List of Needleless Systems and Needles With Engineered Sharps Injury Protection <a href="http://www.dhs.ca.gov/ohb/sharps/disclaim.htm">http://www.dhs.ca.gov/ohb/sharps/disclaim.htm</a>
<b>Medical Devices</b>	
US	ANSI/AAMI ST35:1996 -- Safe handling and biological decontamination of medical devices in health care facilities and in nonclinical settings <a href="http://webstore.ansi.org/ansidocstore/default.asp">http://webstore.ansi.org/ansidocstore/default.asp</a>
Canada	CSA Z314.8 - Decontamination of Reusable Medical Devices <a href="http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp">http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp</a>
Canada	Draft CAN/CSA-Z314.22 - Management of Loaned and Shared Medical Instrumentation and Accompanying Devices <a href="http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp">http://www.csa.ca/language/default.asp?thisUrl=%2FDefault%2Easp</a>
UK	Department of Health (2000) Decontamination of medical devices HSC

	2000/032 2000 <a href="http://www.info.doh.gov.uk/doh/coin4.nsf/page/HSG-2000-032?OpenDocument">http://www.info.doh.gov.uk/doh/coin4.nsf/page/HSG-2000-032?OpenDocument</a>
UK	Department of Health (1993) HSG (93) 26 Decontamination of equipment prior to inspection, service, or repair <a href="http://www.medical-devices.gov.uk/mda/mdawebsitev2.nsf/99951eddaceb60bc00256a760041066c/b485a04462c228ea802569ac00523059/\$FILE/Orthotic.pdf">http://www.medical-devices.gov.uk/mda/mdawebsitev2.nsf/99951eddaceb60bc00256a760041066c/b485a04462c228ea802569ac00523059/\$FILE/Orthotic.pdf</a>
UK	UK Medical Devices Agency (2002) SN 2002(17) - Management of loaned medical devices, equipment or accessories from manufacturers or other hospitals <a href="http://www.medical-devices.gov.uk/">http://www.medical-devices.gov.uk/</a>
UK	UK Medical Devices Agency (2000) SN 2000(18) - Handling of Surgical Instruments on Loan From Another Organisation <a href="http://www.medical-devices.gov.uk/">http://www.medical-devices.gov.uk/</a>

## RESEARCH ANIMALS, ARTHROPODS, ALLERGENS

<b>Animals</b>	
OIE	Office International Epizootie – World Organization for Animal Health <a href="http://www.oie.int/eng/normes/mcode/a_summry.htm">http://www.oie.int/eng/normes/mcode/a_summry.htm</a>
AAALAC	Association for Assessment and Accreditation of Laboratory Animal Care <a href="http://www.aaalac.org">http://www.aaalac.org</a>  Resources <a href="http://www.aaalac.org/internat.htm">http://www.aaalac.org/internat.htm</a>
AALAS	American Association for Laboratory Animal Science <a href="http://www.aalas.org">http://www.aalas.org</a>
IACUC	Institutional Animal Care and Use Committees <a href="http://www.iacuc.org">http://www.iacuc.org</a>
CALAS	Canadian Association for Laboratory Animal Science <a href="http://www.calas-acsal.org">http://www.calas-acsal.org</a>
CCAC	Canadian Council on Animal Care (CCAC) Publications <a href="http://www.ccac.ca/english/publicat/pubframe.htm">http://www.ccac.ca/english/publicat/pubframe.htm</a>
ILAR	Institute of Laboratory Animal Resources <a href="http://dels.nas.edu/ilar/">http://dels.nas.edu/ilar/</a>
ILAR-NRC	Guide for the Care and Use of Laboratory Animals. Institute of Laboratory Animal Resources (ILAR), Commission on Life Sciences, National Research Council. National Academy Press, 1996. <a href="http://books.nap.edu/books/0309053773/html/index.html">http://books.nap.edu/books/0309053773/html/index.html</a> <a href="http://www.nap.edu/readingroom/books/labrats/chaps.html">www.nap.edu/readingroom/books/labrats/chaps.html</a>
ILAR-NRC	Occupational Health and Safety in the Care and Use of Research Animals. Institute of Laboratory Animal Resources (ILAR), Commission on Life Sciences, National Research Council. National Academy Press. National Academy Press, 1997. <a href="http://www.nap.edu/books/0309052998/html/index.html">http://www.nap.edu/books/0309052998/html/index.html</a>
EU	Council of Europe (COE). European Convention for the Protection of Vertebrate Animals Used for Experimental and Other Scientific Purposes. ETS 123. 1991. <a href="http://conventions.coe.int/Treaty/EN/CadreListeTraites.htm">http://conventions.coe.int/Treaty/EN/CadreListeTraites.htm</a>  More information on this treaty may be found at <a href="http://conventions.coe.int/">http://conventions.coe.int/</a>
WHO	Laboratory Biosafety Manual 2nd edition (Revised), 2003. WHO/CDS/CSR/LYO/2003.4 <a href="http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/">http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/</a>
Canada	The Laboratory Biosafety Guidelines, 3 <sup>rd</sup> Edition – Draft, September 20, 2001. Health Canada <a href="http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf</a>
Canada	Containment Standards for Veterinary Facilities <a href="http://www.inspection.gc.ca/english/lab/bioe.shtml">http://www.inspection.gc.ca/english/lab/bioe.shtml</a> <a href="http://www.inspection.gc.ca/english/lab/convet/convete.shtml">http://www.inspection.gc.ca/english/lab/convet/convete.shtml</a>
Canada	Guidelines for biomedical facilities using sheep as research animals <a href="http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/animres_e.html">http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/animres_e.html</a>
Germany	Beschluss des Ausschusses für Biologische Arbeitsstoffe (ABAS) (Beschluss 602): Spezielle Massnahmen zum Schutz der Beschäftigten vor Injektionen durch BSE/TSE-Erreger – 4. Aktualisierung Under <a href="http://www.biogefahr.de">http://www.biogefahr.de</a> -> Quellen -> regeln/Merkblätter
Germany	Beschluss des Ausschusses für Biologische Arbeitsstoffe (ABAS) (Beschluss 603): Schutzmassnahmen bei Tätigkeiten mit transmissibler Spongiformer Enzephalopathie (TSE) assoziierter agenzien in TSE-Laboratorien

	Under <a href="http://www.biogefahr.de">http://www.biogefahr.de</a> -> Quellen -> regeln/Merkblätter
Germany	Technische Anforderungen und allgemeine Empfehlungen für die Entsorgung von Tiermehl und Tierfett in Verbrennungsanlagen <a href="http://www.bmu.de/files/leitf.pdf">http://www.bmu.de/files/leitf.pdf</a>
USA	CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4 <sup>th</sup> edition, 1999 <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a>
USA	NIH Guidelines for Recombinant DNA Molecules, April 2002 <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a>
EU	<b>Council Decision 1999/575/EC</b> of 23 March 1998 related to the European Agreement about the protection of vertebrated animals used for experimental and other scientific purposes (OJ L222, 24/08/1999, p.0029-0037) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 86/609/EEC</b> of 24 November 1986 on the approximation of laws, regulations and administrative provisions of the Member States regarding the protection of animals used for experimental and other scientific purposes (OJ L358, 18/12/1986, p.0001- 0028) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
Germany	Verordnung über das Arbeiten mit Tierseuchenerregern ( <b>Tierseuchenerreger-Verordnung</b> ) vom 25. November 1985 (BGBl. I S. 2123), zuletzt geändert durch Verordnung vom 2. November 1992 (BGBl. I S. 1845) <a href="http://www.mibi-hannover.de/lehre/tierseu/Tierseuchenerreger-Verordnung.pdf">http://www.mibi-hannover.de/lehre/tierseu/Tierseuchenerreger-Verordnung.pdf</a>  <b>Tierseuchengesetz</b> (TierSG) in der Fassung der Bekanntmachung vom 20. Dezember 1995 (BGBl. I S. 2038) geändert durch Art. 2§ 24 G v. 22. Dezember 1997 (BGBl. I S. 3224) <a href="http://www.pei.de/downloads/tierseu.pdf">http://www.pei.de/downloads/tierseu.pdf</a>
UK	HSE: Part 3E. Selection of Containment and Control Measures for Animals Infected with, or in Association with, GMMS <a href="http://www.hse.gov.uk/hthdir/noframes/acgmcomp/3e.pdf">http://www.hse.gov.uk/hthdir/noframes/acgmcomp/3e.pdf</a>
UK	HSE: Part 3A. Selection of Containment and Control Measures for Laboratory and Large Scale Activities Involving GMMS <a href="http://www.hse.gov.uk/hthdir/noframes/acgmcomp/3a.pdf">http://www.hse.gov.uk/hthdir/noframes/acgmcomp/3a.pdf</a>
USA	National Institute for Occupational Safety and Health (NIOSH) <a href="http://www.cdc.gov/niosh/homepage.html">http://www.cdc.gov/niosh/homepage.html</a> <ul style="list-style-type: none"> <li>▪ Respirators <a href="http://www.cdc.gov/niosh/respinfo.html">http://www.cdc.gov/niosh/respinfo.html</a></li> <li>▪ NIOSH Animal Asthma Alert <a href="http://www.cdc.gov/niosh/animalrt.html">http://www.cdc.gov/niosh/animalrt.html</a></li> </ul>
USA	Department of Agriculture (USDA) <a href="http://www.usda.gov">http://www.usda.gov</a> <ul style="list-style-type: none"> <li>▪ Animal and Plant Health Inspection Service (APHIS) – Animal and plant health, import requirements and forms <a href="http://www.aphis.usda.gov/">http://www.aphis.usda.gov/</a> <a href="http://www.aphis.usda.gov/forms/">http://www.aphis.usda.gov/forms/</a></li> <li>▪ Agricultural Research Service (ARS) <a href="http://www.ars.usda.gov/">http://www.ars.usda.gov/</a> <ul style="list-style-type: none"> <li>▪ Facility Design Standards 242.1M of July 24, 2002 <a href="http://www.afm.ars.usda.gov/ppweb/242-01m.htm">http://www.afm.ars.usda.gov/ppweb/242-01m.htm</a></li> </ul> </li> <li>▪ Animal Welfare Act <a href="http://www.aphis.usda.gov/ac/awa.html">http://www.aphis.usda.gov/ac/awa.html</a> <a href="http://www.aphis.usda.gov/ac/cfr/9cfr1.html">http://www.aphis.usda.gov/ac/cfr/9cfr1.html</a> <a href="http://www.aphis.usda.gov/ac/cfr/9cfr3.html">http://www.aphis.usda.gov/ac/cfr/9cfr3.html</a> <a href="http://www.aphis.usda.gov/ac/cfr/9cfr2.html">http://www.aphis.usda.gov/ac/cfr/9cfr2.html</a></li> </ul>

	<p><a href="http://www.aphis.usda.gov/ac/cfr/9cfr4.html">http://www.aphis.usda.gov/ac/cfr/9cfr4.html</a></p> <p>A summary of the Animal Welfare Act may be found at:  <a href="http://www.aphis.usda.gov/oa/pubs/awact.pdf">http://www.aphis.usda.gov/oa/pubs/awact.pdf</a></p> <ul style="list-style-type: none"> <li>▪ Animal Care Policy Manual  <a href="http://www.aphis.usda.gov/ac/polmanpdf.html">http://www.aphis.usda.gov/ac/polmanpdf.html</a></li> <li>▪ Animal Care Research Manual  <a href="http://www.aphis.usda.gov/ac/researchguide.html">http://www.aphis.usda.gov/ac/researchguide.html</a></li> </ul>
USA	<p>Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals. 1996  <a href="http://grants.nih.gov/grants/olaw/references/PHSPolicyLabAnimals.pdf">http://grants.nih.gov/grants/olaw/references/PHSPolicyLabAnimals.pdf</a></p> <p>Public Health Service Policy on Humane Care and use of Laboratory Animals. Office of Laboratory Animal Welfare. Amended August 2002  <a href="http://grants1.nih.gov/grants/olaw/references/phspol.htm">http://grants1.nih.gov/grants/olaw/references/phspol.htm</a></p> <p>For more information see the website of the Office of Laboratory Animal Welfare (OLAW):  <a href="http://www.grants.nih.gov/grants/olaw/olaw.htm">http://www.grants.nih.gov/grants/olaw/olaw.htm</a></p>
USA	<p>Institutional Animal Care and Use Committee (IACUC)  The IACUC is required by the Animal Welfare Act and must review and approve or deny every animal research project  <a href="http://www.iacuc.org">http://www.iacuc.org</a></p>
USA	<p>American Veterinary Medical Association (AVMA):  Report of the AVMA Panel on Euthanasia  <a href="http://www.avma.org/resources/euthanasia.pdf">http://www.avma.org/resources/euthanasia.pdf</a></p>
USA	<p>American Journal of Veterinary Research  Guidelines for Animal Surgery in Research and Teaching</p>
USA	<p>Health Research Extension Act of 1985, Public Law 99-159, Section 495:  Animals in Research  <a href="http://grants.nih.gov/grants/olaw/references/hrea1985.htm">http://grants.nih.gov/grants/olaw/references/hrea1985.htm</a></p>
USA	<p>NIH Revitalization Act of 1993, Public Law 103-43, Section 205: Plans for Use of Animals in Research  <a href="http://grants.nih.gov/grants/olaw/pl103-43.pdf">http://grants.nih.gov/grants/olaw/pl103-43.pdf</a></p>
USA	<p>Controlling Exposure to Laboratory Animal Allergens  <a href="http://dels.nas.edu/ilar/jour_online/42_1/exposure.asp">http://dels.nas.edu/ilar/jour_online/42_1/exposure.asp</a></p>
USA	<p>Dan Shapiro's Zoonotic Webpage  <a href="http://medicine.bu.edu/dshapiro/zoo1.htm">http://medicine.bu.edu/dshapiro/zoo1.htm</a></p>
	<p>Risks to Assess when Selecting Clean Benches and Biosafety Cabinets for Animal Research  <a href="http://www.bakerco.com/news/acumen/acumen_vol3no1.pdf">www.bakerco.com/news/acumen/acumen_vol3no1.pdf</a></p>
USA	<p>Importation Permits for Etiologic Agents. Centers for Disease Control and Prevention. Office of Health and Safety. Revised: January 19, 2000.  <a href="http://www.cdc.gov/od/ohs/biosfty/impptper.htm">http://www.cdc.gov/od/ohs/biosfty/impptper.htm</a></p>
<b>Non-Human Primates</b>	
USA	<p>Occupational Health and Safety in the Care and Use of Nonhuman Primates. Institute for Laboratory Animal Research (ILAR). The National Academies Press 2003.  <a href="http://www.nap.edu/books/030908914X/html/">http://www.nap.edu/books/030908914X/html/</a></p>
USA	<p>Guidelines for Prevention of Herpesvirus Simiae (B Virus) Infection in Monkey Handlers.  MMWR. October 23, 1987 / 36(41); 680-682, 687-689.  <a href="http://www.cdc.gov/mmwr/preview/mmwrhtml/00015936.htm">http://www.cdc.gov/mmwr/preview/mmwrhtml/00015936.htm</a></p>
USA	<p>Guidelines for the Prevention and Treatment of B-Virus Infections in Exposed Persons. G.P. Holmes, L.E. Chapman, J.A. Stewart, S.E. Straus, J.K. Hilliard,</p>

	D.S. Davenport, and the B Virus Working Group. Clinical Infectious Diseases 1995; 20:421-439.
	Recommendations for prevention of and therapy for exposure to B virus (cercopithecine herpesvirus 1). Cohen JI, Davenport DS, Stewart JA, Deitchman S, Hilliard JK, Chapman LE. Clin Infect Dis. 2002 Nov 15;35(10):1191-203.
USA	Historical Record of reported occupational exposure to B Virus <a href="http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00056008.htm">http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00056008.htm</a>
USA	July 07, 1989-2 cases in Michigan <a href="http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00000920.htm">http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00000920.htm</a>
USA	October 23, 1987-4 cases in Florida <a href="http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00000920.htm">http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00000920.htm</a>
USA	Georgia State University B. Virus Resource Laboratory <a href="http://www.gsu.edu/~wwwvir/">http://www.gsu.edu/~wwwvir/</a>
USA	Herpes B Links, National B Virus Laboratory <a href="http://www.cdc.gov/ncidod/diseases/bvirus.htm">http://www.cdc.gov/ncidod/diseases/bvirus.htm</a>
USA	NIOSH's Hazard ID Fact Sheets: Cercopithecine herpesvirus 1 (B Virus) Infection Resulting from Ocular Exposure <a href="http://www.cdc.gov/niosh/hid5.html">http://www.cdc.gov/niosh/hid5.html</a>
USA	Nicholas W. Lerche, <sup>1,2</sup> William M. Switzer, <sup>2</sup> JoAnn L. Yee, <sup>1</sup> Vedapuri Shanmugam, <sup>2</sup> Ann N. Rosenthal, <sup>1</sup> Louisa E. Chapman, <sup>2</sup> Thomas M. Folks, <sup>2</sup> and Walid Heneine <sup>2</sup> <i>Evidence of Infection with Simian Type D Retrovirus in Persons Occupationally Exposed to Nonhuman Primates</i> Journal of Virology, February 2001, p. 1783-1789, Vol. 75, No. 4 <a href="http://jvi.asm.org/cgi/reprint/75/4/1783.pdf">http://jvi.asm.org/cgi/reprint/75/4/1783.pdf</a>
USA	<a href="#">Ward JA, Hilliard JK.</a> Herpes B virus -specific pathogen-free breeding colonies of macaques: serologic test results and the B-virus status of the macaque. Contemp Top Lab Anim Sci. 2002 Jul;41(4):36-41.
<b>Arboviruses and Vectors</b>	
WHO	Laboratory Biosafety Manual 2nd edition (Revised), 2003. WHO/CDS/CSR/LYO/2003.4 <a href="http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/">http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/</a>
Canada	The Laboratory Biosafety Guidelines, 3 <sup>rd</sup> Edition – Draft, September 20, 2001. Health Canada <a href="http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldbl/pdf/lbg-3e-draft.pdf</a>
USA	CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4 <sup>th</sup> edition, 1999 <a href="http://www.cdc.gov/od/ohs/biosfty/bmb14/bmb14toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmb14/bmb14toc.htm</a>
USA	Arthropod Containment Guidelines, Version 3.1. A project of the American Committee of Medical Entomology of the American Society of Tropical Medicine and Hygiene <a href="http://klab.agsci.colostate.edu/~mbenedic/ACG.html">http://klab.agsci.colostate.edu/~mbenedic/ACG.html</a>
USA	International Catalog of Arboviruses Including Certain Other Viruses of Vertebrates. 1985. The Subcommittee on Information Exchange of the American Committee on Arthropod-borne Viruses. Third Edition. N. Karabatsos, editor. American Society for Tropical Medicine and Hygiene. San Antonio, TX
USA	Subcommittee on Arbovirus Laboratory Safety for Arboviruses and Certain Other Viruses of Vertebrates. 1980. Am J Trop Med Hyg 29(6):1359-1381
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Animals	Harding, A. L. and K. B. Byers. 2000. Epidemiology of laboratory-acquired infections. pp. 35-54. In Fleming, D. and D. Hunt, (eds). <i>Biological Safety: Principles and Practices</i> . 3 <sup>rd</sup> Edition. American Society for Microbiology, Washington, D.C.
Animals	Barbeito, MS, Abraham,G, Best, M, Cairns, P, Langevin, P Steritt, WG, Barr,D, Meulepas,W, Sanchez- Vizcaino, JM, Saraza, M Requena, E, Collado, M, Mani,P, Breeze, R, Brunner, H, Mebus, CA, Morgan, RL, Rusk, S, Siegfried, LM. Thompson, LH, <i>Recommended Biocontainment Features for Research and Diagnostic Facilities where Animal Pathogens are Used</i> , Rev. Sci. tech Off int Epiz 1995; 14(3) 873-887.
Animals	Proceedings of the 4th National Symposium on Biosafety: Working Safely with Research Animals. <a href="http://www.cdc.gov/od/ohs/sympsi/symp_idx.htm">http://www.cdc.gov/od/ohs/sympsi/symp_idx.htm</a>
Animals	Miller, L, McElvaine, MD Mc Dowell, RM and Ahl,AS, <i>Developing a Quantitative Risk Assessment Process</i> , Rev sci tech Off int Epiz 1993; 12 (4) 1153-1164
Animals	Richmond, JY, <i>Hazard Reduction in Animal Research Facilities</i> , Lab Animal 1991;20(2):23-29
Animals	Richmond, JY, <i>Responsibilities in Animal Research</i> , Lab Animal 1991, 20(4) 41 - 46
Animals	Richmond, JY, Arambulo, P, and Ruiz, AM, <i>Protection from Risk in Animal Studies</i> , Lab Animal 1993; 36-39
Animals	Medical Surveillance and the Biosafety Program - References <a href="http://www.cdc.gov/od/ohs/biosfty/bioref.htm">http://www.cdc.gov/od/ohs/biosfty/bioref.htm</a>
Animals	Walton, T.E. and Barbeito, M.S. Designing Biocontainment Facilities for Infected Animals, pp. 279-291. In Richmond, J.Y. (ed.) 1997. <i>Designing a Modern Microbiological/Biomedical Laboratory: Lab Design Process &amp; Technology</i> . American Public Health Association.
Animals	Hessler, J., Broderson, R., and King, C. 1999. Small Animal Research Facilities and Equipment, pp.191-217. In Richmond, J.Y. (ed.). <i>Anthology of Biosafety. I. Perspectives on Laboratory Design</i> . American Biological Safety Association.
Animals	King, C., Hessler, J., and Broderson, R. 1999. Small Animal Research Facility Management, pp.219-231. In Richmond, J.Y. (ed.). <i>Anthology of Biosafety. I. Perspectives on Laboratory Design</i> . American Biological Safety Association.
Animals	Quimby, F. 1999. Large Animal Research Facilities, pp.233-254. In Richmond, J.Y. (ed.). <i>Anthology of Biosafety. I. Perspectives on Laboratory Design</i> . American Biological Safety Association.
Zoonoses	Christian E. Newcomer, 2000. <i>Zoonoses</i> p.121-150. In Fleming, D. and D. Hunt, (Eds). 2000. <i>Biological Safety: Principles and Practices</i> . 3 <sup>rd</sup> Edition. American Society for Microbiology, Washington, D.C.
Zoonoses	Fox, JG, and Lipman, NS, <i>Infections Transmitted by Large and Small Animals</i> , Infectious Disease Clinics of North America 1991; 5(1):131-163
Zoonoses	Peters, CJ, <i>Emerging Infections: Ebola and other Filoviruses</i> , Western Journal of Medicine, 1996.
Zoonoses	Richmond, JY Dykewicz,CA, Alderman,LM and Peters, CJ, <i>Working Safely with LCMV-Infected Immunocompromised Animals</i> , Lab Animal1994; 25-28
Allergens	<i>Controlling Exposure to Laboratory Animal Allergens</i> D.J. Harrison ILAR Journal 42(1) 2001 Laboratory Animal Allergy <a href="http://dels.nas.edu/ilar/jour_online/42_1/exposure.asp">http://dels.nas.edu/ilar/jour_online/42_1/exposure.asp</a>
Allergens	NIOSH Animal Asthma Alert: Preventing Asthma in Animal Handlers <a href="http://www.cdc.gov/niosh/animalrt.html">http://www.cdc.gov/niosh/animalrt.html</a>
Allergens	NIOSH's Hazard ID Fact Sheets <a href="http://www.cdc.gov/niosh/hid5.html">http://www.cdc.gov/niosh/hid5.html</a>
Allergens	Wanda Phipatankul and Roberta A. Wood, 2000. <i>Allergens of Animal and Biological Systems</i> p 249-259. In Fleming, D. and D. Hunt, (Eds). 2000.

	Biological Safety: Principles and Practices. 3 <sup>rd</sup> Edition. American Society for Microbiology, Washington, D.C.
Allergens	Insects as a cause of inhalant allergies – bibliography. CSIRO Entomology <a href="http://www.ento.csiro.au/inhalant/BIBL820.html">http://www.ento.csiro.au/inhalant/BIBL820.html</a>

<b>TRANSFER, TRANSPORT, IMPORT, EXPORT OF BIOLOGICAL MATERIALS</b>	
International	International Air Transfer Association (IATA). Dangerous Goods Regulations <a href="http://www.iata.org/dangerousgoods/index/">http://www.iata.org/dangerousgoods/index/</a> <ul style="list-style-type: none"> <li>▪ Section 6.2 on Infectious Substances</li> <li>▪ Live Animal Regulations</li> </ul>
International	International Civil Aviation Organization (ICAO) <a href="http://www.icao.org">http://www.icao.org</a>
International	WHO Guidelines for the Safe Transport of Infectious Substances and Diagnostic Specimens <a href="http://www.who.int/emc/pdfs/emc97_3.pdf">http://www.who.int/emc/pdfs/emc97_3.pdf</a>
International	UN/SCETDG/21/INF.4 Committee of Experts on the Transport of Dangerous Goods. Transport of Infectious Substances. Transmitted by the WHO. Communication in support of ST/SG/AC.10/C3/2002/16
International	ST/SG/AC.10/C3/2002/16 Transport of Infectious Substances. Revision of Division 6.2 provisions. Transmitted by the expert from Canada on behalf of the Division 6.2 Informal Working Group
Canada	Transport Canada's Dangerous Goods Regulations Online <a href="http://www.tc.gc.ca/tdg/menu.htm">http://www.tc.gc.ca/tdg/menu.htm</a>
USA	Department of Transportation (DOT) <a href="http://www.dot.gov/">http://www.dot.gov/</a>  US-DOT Hazardous Materials website <a href="http://hazmat.dot.gov/">http://hazmat.dot.gov/</a>  49 CFR Part 71 et al. Hazardous Materials: Revision to Standards for Infectious Substances. Final Rule. FR August 14, 2002 Vol.67, No.157, p.53118 The Research and Special Programs Administration (DOT) is revising transportation requirements for infectious substances, including regulated medical waste, to: adopt defining criteria and packaging requirements consistent with international standards; revise the current broad exceptions for diagnostic specimens and biological products; and authorize bulk packaging options for regulated medical waste consistent with requirements in international standards and DOT exemptions. These revisions will assure an acceptable level of safety for the transportation of infectious substances, and facilitate domestic and international transport.
USA	Department of Health and Human Services, 42 CFR Part 72, Appendix A. Interstate Shipment of Etiological Agents; Select Agents Proposed changes. Fed Reg Aug 23, 2002 Vol.67, No.164, p.54605
USA	CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4 <sup>th</sup> edition, 1999 <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a>
USA	Importation Permits for Etiologic Agents. Centers for Disease Control and Prevention. Office of Health and Safety. Revised: January 19, 2000. <a href="http://www.cdc.gov/oh/ohs/biosfty/impptper.htm">http://www.cdc.gov/oh/ohs/biosfty/impptper.htm</a>
USA	US Department of Agriculture (USDA) <a href="http://www.usda.gov">http://www.usda.gov</a> <ul style="list-style-type: none"> <li>▪ Animal and Plant Health Inspection Service (APHIS) – Animal and plant health, import requirements and forms <a href="http://www.aphis.usda.gov/">http://www.aphis.usda.gov/</a> <a href="http://www.aphis.usda.gov/forms/">http://www.aphis.usda.gov/forms/</a></li> <li>▪ APHIS Veterinary Service <a href="http://www.aphis.usda.gov/vs/">http://www.aphis.usda.gov/vs/</a></li> </ul>

	<ul style="list-style-type: none"> <li>▪ APHIS Veterinary Service - National Center for Import and Export <a href="http://www.aphis.usda.gov/vs/ncie">http://www.aphis.usda.gov/vs/ncie</a></li> </ul>
USA	US CDC Import Permits for Human Pathogens <a href="http://www.cdc.gov/od/ohs/biosfty/impptper.htm">www.cdc.gov/od/ohs/biosfty/impptper.htm</a>
USA	US Postal Service, 39 CFR 111. Ability to Mail Etiologic Agents. <b>Codified in the Domestic Mail Manual 124.38</b> <a href="http://www.access.gpo.gov">http://www.access.gpo.gov</a> <a href="http://pe.usps.gov/">http://pe.usps.gov/</a> <ul style="list-style-type: none"> <li>▪ 39 CFR Part 111. Hazardous Materials: Domestic Mail Manual Revisions for Division 6.2 Infectious Substances and Other Related Changes. Federal Register Vol 68 No 109 p.33858, June 6, 2003</li> </ul>
USA	US Department of Commerce, Bureau of Industry and Security <a href="http://www.bxa.doc.gov">http://www.bxa.doc.gov</a> <a href="http://www.bis.doc.gov">http://www.bis.doc.gov</a>
USA	US Department of the Interior, US Fish and Wildlife Service: Importation and Exportation of Endangered Species of Animals and Plants <a href="http://permits.fws.gov/">http://permits.fws.gov/</a>
EU	<b>Directive 2000/61/EC of the European Parliament and of the Council</b> of 10 October 2000 amending Council Directive 94/55/EC on the approximation of the laws of the Member States with regard to the transport of dangerous good by road <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 97/34/EC</b> of 6 June 1997 amending Council Directive 93/75/EEC concerning the minimum requirements for vessels bound for or leaving Community ports and carrying dangerous or polluting goods (OJ L 158, 17.6.1997, p.40) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 96/87/EC</b> of 13 December 1996 adapting to technical progress Council Directive 96/49/EC on the approximation of the laws of the Member States with regard to the transport of dangerous goods by rail (OJ L 335, 24.12.1996, p.45; annexes to be published) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 96/86/EC</b> of 13 December 1996 adapting to technical progress Council Directive 94/55/EC on the approximation of the laws of the Member States with regard to the transport of dangerous goods by road (OJ L 335, 24.12.1996, p.43; annexes to be published) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 96/49/EC</b> of 23 July 1996 on the approximation of the laws of the Member States with regard to the transport of dangerous goods by rail (OJ L 235, 17.9.1996, p.25; annexes to be published) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 96/39/EC</b> of 19 June 1997 amending Council Directive 93/75/EEC concerning the minimum requirements for vessels bound for or leaving Community ports and carrying dangerous or polluting goods (OJ L 196, 7.8.1996, p.7) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 96/35/EC</b> of 3 June 1996 on the appointment and vocational qualifications of safety advisers for the transport of dangerous goods by road, rail and inland waterway (OJ L 145, 19.6.1996, p.10) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 95/50/EC</b> of 6 October 1995 on uniform procedures for checks on the transport of dangerous goods by road

	(OJ L 249, 17.10.1995, p.35) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 94/55/EC</b> of 21 November 1994, on the approximation of the laws of the Member States with regard to the transport of dangerous goods by road (OJ L319, 12.12.1994, p.7; Annexes published on OJ L 275, 28.10.1996) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 93/75/EC</b> of 13 September 1993 concerning the minimum requirements for vessels bound for or leaving Community ports and carrying dangerous or polluting goods (OJ L 247, 5.10.1993, p.19) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 92/118/EEC</b> of 17 December 1992 laying down animal health and public health requirements governing trade in and imports into the Community of products not subject to the said requirements laid down in specific Community rules referred to in Annex A(I) to Directive 89/662/EEC and as regards pathogens to Directive 90/425/EEC <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 91/628/EEC</b> of 19 November 1991, on the protection of animals during transport and amending Directives 90/425/EEC and 91/496/EEC (OJ L 340, 11.12.1991, p.17) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
<b>Convention on Biological Diversity and Cartagena Protocol on Biosafety</b>	
International	Convention on Biological Diversity 5 June 1972 The objectives are the conservation of biological diversity, the sustainable use of its components and the fair and equitable sharing of the benefits arising out of the utilization of genetic resources <a href="http://www.biodiv.org">http://www.biodiv.org</a>
International	Cartagena Protocol on Biosafety to the Convention on Biological Diversity – 2000 It provides a comprehensive and holistic approach to the conservation of biological diversity, the sustainable use of natural resources and the fair and equitable sharing of benefits deriving from the use of genetic resources. Objective: "In accordance with the precautionary approach contained in Principle 15 of the Rio Declaration on Environment and Development, the objective of this Protocol is to contribute to ensuring an adequate level of protection in the field of the safe transfer, handling and use of living modified organisms resulting from modern biotechnology that may have adverse effects on the conservation and sustainable use of biological diversity, taking also into account risks to human health, and specifically focusing on transboundary movements. <a href="http://www.biodiv.org/biosafety/default.asp">http://www.biodiv.org/biosafety/default.asp</a>
EU	Regulation (EC) No 1946/2003 of the European Parliament and of the Council of 15 July 2003 on the transboundary movement of genetically modified organisms OJEC – 5.11.2003 L287/1-10 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a> Transcription of the Cartagena Protocol on Biosafety into European regulation
<b>Plants – Imports</b>	
International	APHIS/USDA maintained database of phytosanitary requirements for the importation of plants worldwide, EXCERPT. Service managed by Purdue University under subscription. <a href="http://EXCERPT.ceris.purdue.edu">http://EXCERPT.ceris.purdue.edu</a>
USA	USDA/APHIS Import Permits for Plant Pathogens and Toxins <a href="http://www.aphis.usda.gov/ppq/permits">http://www.aphis.usda.gov/ppq/permits</a>

	<ul style="list-style-type: none"> <li>▪ Animal and Plant Health Inspection Service (APHIS) – Animal and plant health, import requirements and forms <a href="http://www.aphis.usda.gov/">http://www.aphis.usda.gov/</a> <a href="http://www.aphis.usda.gov/forms/">http://www.aphis.usda.gov/forms/</a></li> <li>▪ APHIS Plant and Pest Quarantine (PPQ) <a href="http://www.aphis.usda.gov/ppq/">http://www.aphis.usda.gov/ppq/</a></li> <li>▪ Plant Protection Act - Title IV, Agriculture Risk Protection Act (PPA) of 2000 <a href="http://www.aphis.usda.gov/ppq/plantact/index.html">http://www.aphis.usda.gov/ppq/plantact/index.html</a></li> <li>▪ Guidelines for Products that do not Require an Import Permit <a href="http://www.aphis.usda.gov/vs/ncie/fac_imp.html">http://www.aphis.usda.gov/vs/ncie/fac_imp.html</a></li> <li>▪ Biotechnology Regulatory Services (BRS): permitting, notification and deregulations <a href="http://www.aphis.usda.gov/brs/index.html">http://www.aphis.usda.gov/brs/index.html</a></li> </ul>
EU	<p><b>Council Directive 95/44/EC</b> of 26 July 1995 establishing the conditions under which certain harmful organisms, plants, plant products and other objects listed in Annexes I to V to Council Directive 77/93/EEC may be introduced into or moved within the Community or certain protected zones thereof, for trial or scientific purposes and for work on varietal selections. (OJEC 03.08.1995 L184/34-46) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 2000/29/EC</b> of 8 May 2000 on protection measures against the introduction into the community of organisms harmful to plants and plant products and against the spread within the Community. (OJEC 10.7.2000 L169/1-112) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Commission Directive 2001/33/EC</b> of 8 May 2001 amending certain annexes to Council Directive 2000/29/EC on protection measures against the introduction into the community of organisms harmful to plants and plant products and against the spread within the Community. OJEC 9.5.2001 L127/42-44 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
EU	<p><b>Council Directive 2002/89/EC</b> of 28 November 2002 amending Directive 2002/29/EC on protective measures against the introduction into the Community of organisms harmful to plants or plant products and against the spread within the Community OJEC 30.12.2002 L355/45-60 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a></p>
<b>Transport-Related Services</b>	
	<p>Saf-T-Pak, Inc., supplier of infectious substance packaging and training <a href="http://www.saftpak.com">http://www.saftpak.com</a></p>
	<p>World Courier <a href="http://www.worldcourier.com/indexglobal.html">http://www.worldcourier.com/indexglobal.html</a> TNT <a href="http://www.tnt.com/country/en_corporate.html">http://www.tnt.com/country/en_corporate.html</a> Federal Express <a href="http://www.fedex.com/">http://www.fedex.com/</a></p>
	<p>DHL <a href="http://www.dhl.com/index.jsp">http://www.dhl.com/index.jsp</a></p>
	<p>Airborne Express</p>

	<a href="http://www.airborne.com/home/home.asp">http://www.airborne.com/home/home.asp</a>
USA	Chemtrec (a company that provides 24 hour hazmat emergency response telephone service <a href="http://www.chemtrec.org">http://www.chemtrec.org</a> )

<b>BIOSAFETY MANAGEMENT</b>	
<b>Manuals/Guidelines</b>	
WHO	Laboratory Biosafety Manual 2nd edition (Revised), 2003. WHO/CDS/CSR/LYO/2003.4 <a href="http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/">http://www.who.int/csr/resources/publications/biosafety/who_cds_csr_lyo_2003_4/en/</a>
USA	CDC/NIH: Biosafety in Microbiological and Biomedical Laboratories, 4 <sup>th</sup> edition, 1999 <a href="http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm">http://www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</a>
USA	NIH Guidelines for Recombinant DNA Molecules, April 2002 <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a>
Canada	The Laboratory Biosafety Guidelines, 3 <sup>rd</sup> Edition – Draft, September 20, 2001. Health Canada <a href="http://www.hc-sc.gc.ca/pphb-dgsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf</a>
Russia	Safety in Working with Groups I and II Pathogenicity Microorganisms: Sanitation Regulation SP 1.2.011-94. State System for Sanitation-Epidemiological Standardization of the Russian Federation. LN069-99.  A hard copy is available from Jairo Betancourt ( <a href="mailto:jairob@miami.edu">jairob@miami.edu</a> )
<b>Worker Protection</b>	
USA	Occupational Safety and Health Administration (OSHA) <a href="http://www.osha.gov/">http://www.osha.gov/</a>
USA	National Institute for Occupational Safety and Health (NIOSH) <a href="http://www.cdc.gov/niosh/homepage.html">http://www.cdc.gov/niosh/homepage.html</a>
EU	<b>Council Directive 2000/54/EC</b> on the protection of workers from risks related to exposure to biological agents at work (Official Journal of the European Communities 17.10.2000 L262/21-45) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Communication from the Commission (2000) 466</b> of 5 October 2000, on the Guidelines on the assessment of chemical, physical and biological agents and the industrial processes considered hazardous for the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding (Council Directive 92/85/EC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 92/85/EC</b> of 19 October 1992, on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding (ten individual Directives within the meaning of Article 16 (1) of Directive 89/391/EEC) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 96/94/EC</b> of 18 December 1996, on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 91/322/EEC</b> of 29 May 1991, on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 88/642/EEC</b> of 16 December 1988, amending Directive

	80/1107/EEC on the protection of workers from risks related to exposure to chemical, physical and biological agents at work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 74/325/EEC</b> of 27 June 1974 on the setting up of an Advisory Committee on Safety, Hygiene and Health Protection at Work <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
<b>Contained Use of Genetically Modified Organisms</b>	
EU	<b>Directive 98/81/EC</b> of 26 October 1998 amending Directive 90/219/EEC on the contained use of genetically modified micro-organisms (O.J. EC 05.12.1998 – L330/0013-0031) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Decision</b> of 27 September 2000 concerning the guidance notes for risk assessment outlined in Annex III of Directive 90/219/EEC on the contained use of genetically modified micro-organisms - <b>2000/608/EC</b> (O.J. EC 12.10.2000 L258/43-48) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 8 March 2001 supplementing Directive 90/219/EEC as regards the criteria for establishing the safety, for human health and the environment, of types of genetically modified micro-organisms – <b>2001/204/EC</b> (O.J. EC 15.03.2001 L73/32-34) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 90/219/EEC</b> of 23 April 1990 on the contained use of genetically modified micro-organisms <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
	For more information, see Risk Assessment section
<b>Environmental Liability</b>	
EU	Proposal for a Directive of the European Parliament and of the Council on environmental liability with regard to the prevention and remedying of environmental damage – <b>2002/0021 (COD)</b> OJEC 25.6.2002 C151 E/132-145 (2002/C 151 E/06) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a> The purpose of this Directive is to establish a framework, based on environmental liability, for the prevention and remedying of environmental damage (biodiversity damage)

<b>LARGE SCALE PRODUCTION</b>	
Canada	The Laboratory Biosafety Guidelines, 3 <sup>rd</sup> Edition – Draft, September 20, 2001. Health Canada. Chapter 6 Large Scale Production of Microorganisms <a href="http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf">http://www.hc-sc.gc.ca/pphb-dgspsp/ols-bsl/lbg-ldmbl/pdf/lbg-3e-draft.pdf</a>
International	Recombinant DNA Safety Considerations. OECD Safety considerations for industrial, agricultural and environmental applications of organisms derived by recombinant DNA techniques. ( <a href="http://www.oecd.org">http://www.oecd.org</a> )
UK	HSE: Part 3A. Selection of Containment and Control Measures for Laboratory and Large Scale Activities Involving GMMS
USA	Large Scale Biosafety Guidelines, prepared by the ASM Subcommittee on Laboratory Biosafety
USA	NIH Guidelines for Recombinant DNA Molecules, April 2002 <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a>  The purpose of the <i>NIH Guidelines</i> is to specify practices for constructing and handling: (i) recombinant deoxyribonucleic acid (DNA) molecules, and (ii) organisms and viruses containing recombinant DNA molecules. These guidelines require that any recombinant DNA experiment, which according to the <i>NIH Guidelines</i> requires approval by NIH, must be submitted to NIH or to another Federal agency that has jurisdiction for review and approval. Once approvals, or other applicable clearances, have been obtained from a Federal agency other than NIH (whether the experiment is referred to that agency by NIH or sent directly there by the submitter), the experiment may proceed without the necessity for NIH review or approval. (See exception in <a href="#">Section IA-1-a</a> regarding requirement for human gene transfer protocol registration.)  For experiments involving the deliberate transfer of recombinant DNA, or DNA or RNA derived from recombinant DNA, into human research participants (human gene transfer), no research participant shall be enrolled (see definition of enrollment in <a href="#">Section IE-7</a> ) until the RAC review process has been completed (see <a href="#">Appendix M-I-B, RAC Review Requirements</a> ); Institutional Biosafety Committee (IBC) approval (from the clinical trial site) has been obtained; Institutional Review Board approval has been obtained; and all applicable regulatory authorization(s) have been obtained.  NIH Office of Biotechnology Activities <a href="http://www4.od.nih.gov/oba/">http://www4.od.nih.gov/oba/</a>
	See under Books “Biological Safety: Principles and Practices”
<b>GMP</b>	
USA	Good Manufacturing Practice (GMP) <ul style="list-style-type: none"> <li>▪ 21 CFR 210-211 for drugs</li> <li>▪ 21 CFR 600-680 for biologicals</li> <li>▪ requirements set forth in the Quality System (QS) regulation are promulgated under section 520 of the Food, Drug and Cosmetic (FD&amp;C) Act. The QS regulation is contained in Title 21 CFR Part 820</li> <li>▪ Guidance for Industry provides insight</li> </ul> <a href="http://www.fda.gov">http://www.fda.gov</a>
Canada	Health Canada – HPFB Inspectorate Good Manufacturing Practices (GMP) for Schedule D Drugs – Part 1- Biological Drugs <a href="http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/sched_d_part1_entire_e.html">http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/sched_d_part1_entire_e.html</a>
Canada	Good Manufacturing Practices <a href="http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/gmo_e.html">http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/gmo_e.html</a>
<b>GLP</b>	
International	<b>OECD Principles of Good Laboratory Practice.</b> OECD Environmental Health and Safety Publications. Series on Principles of Good Laboratory Practice and Compliance Monitoring No. 1. ENV/MC/CHEM(98)17
USA	FDA regulations on Good Laboratory Practice (GLP) under 21 CFR 58

	<a href="http://www.fda.gov">http://www.fda.gov</a>
EU	<b>Commission Directive 99/12/EC</b> of 8 March 1999 adapting to technical progress for the second time the Annex to Council Directive 88/320/EEC on the inspection and verification of good laboratory practice (GLP) (Text with EEA relevance) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 99/11/EC</b> of 8 March 1999 adapting to technical progress the principles of good laboratory practice as specified in Council Directive 87/18/EEC on the harmonization of laws, regulations and administrative provisions relating to the application of the principle of good laboratory practice and the verification of their application for tests on chemical substances (Text with EEA relevance) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 90/18/EEC</b> of 18 December 1989 modifies Annex to Council Directive 88/320/EEC on the inspection and verification of Good Laboratory Practice (GLP) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 88/320/EEC</b> of 9 June 1988 on the inspection and verification of Good Laboratory Practice (GLP) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>

<b>INDOOR AIR QUALITY</b>	
USA	Environmental Protection Agency (EPA) <a href="http://www.epa.gov">http://www.epa.gov</a> <ul style="list-style-type: none"> <li>▪ Indoor Air Quality  <a href="http://www.epa.gov/iaq/">http://www.epa.gov/iaq/</a>  <a href="http://www.epa.gov/iaq/pubs/insidest.html">http://www.epa.gov/iaq/pubs/insidest.html</a></li> </ul>
USA	NIOSH - indoor air quality <a href="http://www.cdc.gov/niosh/iaqpg.html">http://www.cdc.gov/niosh/iaqpg.html</a>
USA	California Indoor Air Quality Program <a href="http://www.cal-iaq.org">http://www.cal-iaq.org</a>
USA	American Indoor Air Quality Council <a href="http://www.indoor-air-quality.org">http://www.indoor-air-quality.org</a>
USA	Indoor Air Quality Association (IAQA) <a href="http://www.iaqa.org">http://www.iaqa.org</a>
International	International Society of Indoor Air Quality and Climate (ISIAQ) <a href="http://www.ie.dtu.dk/isiaq">http://www.ie.dtu.dk/isiaq</a>

<b>PLANTS: AGRICULTURE, PLANT MADE PHARMACEUTICALS and INDUSTRIAL PRODUCTS</b>	
OECD	OECD ENV/JM/MONO(2002)7 19 Feb 2002. Series on Harmonization of Regulatory Oversight in Biotechnology, No.23. OECD Guidance for the Designation of a Unique Identifier for Transgenic Plants <a href="http://www.oecd.org/ehs">http://www.oecd.org/ehs</a>
IPPC	International Plant Protection Convention <a href="http://www.ippc.int/IPP/En/default.htm">http://www.ippc.int/IPP/En/default.htm</a> <ul style="list-style-type: none"> <li>▪ International Plant Protection Convention (text adopted in 1979 and still in force) <a href="http://www.ippc.int/servlet/BinaryDownloaderServlet/13762_1034340455937_IPPC79.pdf?filename=1034340455937_IPPC79.pdf&amp;refID=13762">http://www.ippc.int/servlet/BinaryDownloaderServlet/13762_1034340455937_IPPC79.pdf?filename=1034340455937_IPPC79.pdf&amp;refID=13762</a></li> <li>▪ International Plant Protection Convention (text adopted in 1997 but not yet in force) <a href="http://www.ippc.int/servlet/BinaryDownloaderServlet/13742_English.pdf?filename=/publications/13742.New Revised Text of the International Plant Protection Convention.2001-3-26.pdf&amp;refID=13742">http://www.ippc.int/servlet/BinaryDownloaderServlet/13742_English.pdf?filename=/publications/13742.New Revised Text of the International Plant Protection Convention.2001-3-26.pdf&amp;refID=13742</a></li> <li>▪ Official Contact Points and Directory of National and Regional Plant Protection Organizations – 2002 International Plant Protection Convention <a href="http://www.ippc.int/IPP/En/nppo.htm">http://www.ippc.int/IPP/En/nppo.htm</a></li> </ul>
OECD	Series on Harmonization of Regulatory Oversight in Biotechnology: <ul style="list-style-type: none"> <li>▪ No. 18. Consensus Document on the Biology of Beta vulgaris L. (Sugar beet). ENV/JM/MOMO(2001)11. <a href="http://www.olis.oecd.org/olis/2001doc.nsf/LinkTo/env-jm-mono(2001)11">http://www.olis.oecd.org/olis/2001doc.nsf/LinkTo/env-jm-mono(2001)11</a></li> <li>▪ No. 7. Consensus Document on the Biology of Brassica napus L. (Oilseed Rape). OCDE/GD(97)63. <a href="http://www.olis.oecd.org/olis/1997doc.nsf/LinkTo/ocde-gd(97)63">http://www.olis.oecd.org/olis/1997doc.nsf/LinkTo/ocde-gd(97)63</a></li> <li>▪ No.8. Consensus Document on the Biology of Solanum tuberosum subsp. Tuberosum (Potato). OCDE/GD(97)143. <a href="http://www.olis.oecd.org/olis/1997doc.nsf/LinkTo/ocde-gd(97)143">http://www.olis.oecd.org/olis/1997doc.nsf/LinkTo/ocde-gd(97)143</a></li> <li>▪ No. 9. Consensus Document on the Biology of Triticum aestivum (Breat Wheat). ENV/JM/MONO(99)8. <a href="http://www.olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)8">http://www.olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)8</a></li> <li>▪ No. 14. Consensus Document on the Biology of Oryza sativa (Rice). ENV/JM/MONO(99)26. <a href="http://olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)26">http://olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)26</a></li> <li>▪ No. 15. Consensus Document on the Biology of Glycine max (L.) Merr. (Soybean). ENV/JM/MONO(2000)9. <a href="http://www.olis.oecd.org/olis/2000doc.nsf/LinkTo/env-jm-mono(2000)9">http://www.olis.oecd.org/olis/2000doc.nsf/LinkTo/env-jm-mono(2000)9</a></li> <li>▪ No. 10. Consensus Document on General Information Concerning the Genes and their Enzymes that Confer Tolerance to Glyphosate Herbicide. ENV/JM/MONO(99)9. <a href="http://www.olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)9">http://www.olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)9</a></li> <li>▪ No. 11. Consensus Document on General Information Concerning the Genes and their Enzymes that Confer Tolerance to Phosphinothricin Herbicide. ENV/JM/MONO(99)13. <a href="http://www.olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)13">http://www.olis.oecd.org/olis/1999doc.nsf/LinkTo/env-jm-mono(99)13</a></li> <li>▪ No. 25. Module II: Phosphinothricin. ENV/JM/MONO(2002)14. <a href="http://www.olis.oecd.org/olis/2002doc.nsf/LinkTo/env-jm-mono(2002)14">http://www.olis.oecd.org/olis/2002doc.nsf/LinkTo/env-jm-mono(2002)14</a></li> </ul>

	<ul style="list-style-type: none"> <li>▪ No.6. Consensus Document on Information Used in the Assessment of Environmental Applications Involving Pseudomonas. OCDE/GD(97)22. <a href="http://www.olis.oecd.org/olis/1997doc.nsf/LinkTo/ocde-gd(97)22">http://www.olis.oecd.org/olis/1997doc.nsf/LinkTo/ocde-gd(97)22</a></li> <li>▪ No. 20. Consensus Document on Information Used in the Assessment of Environmental Applications Involving Baculoviruses. ENV/JM/MONO(2002)1. <a href="http://www.olis.oecd.org/olis/2002doc.nsf/LinkTo/env-jm-mono(2002)1">http://www.olis.oecd.org/olis/2002doc.nsf/LinkTo/env-jm-mono(2002)1</a></li> <li>▪ No. 5. Consensus Document on General Information Concerning the Biology of Crop Plants Made Virus Resistant through Coat Protein gene-Mediated Protection. OCDE/GD(96)162. <a href="http://www.olis.oecd.org/olis/1996doc.nsf/LinkTo/ocde-gd(96)162">http://www.olis.oecd.org/olis/1996doc.nsf/LinkTo/ocde-gd(96)162</a> <a href="http://www.oecd.org/">http://www.oecd.org/</a></li> </ul>
International	<p>APHIS/USDA maintained database of phytosanitary requirements for the importation of plants worldwide, EXCERPT. Service managed by Purdue University under subscription. <a href="http://EXCERPT.ceris.purdue.edu">Http://EXCERPT.ceris.purdue.edu</a></p>
USA	<p>Department of Agriculture (USDA) <a href="http://www.usda.gov">Http://www.usda.gov</a></p> <ul style="list-style-type: none"> <li>▪ Animal and Plant Health Inspection Service (APHIS) – Animal and plant health, import requirements and forms <a href="http://www.aphis.usda.gov/">http://www.aphis.usda.gov/</a> 03/13/2003</li> <li>▪ Biotechnology Regulatory Services (BRS): permitting, notifications and deregulations <a href="http://www.aphis.usda.gov/brs/index.html">http://www.aphis.usda.gov/brs/index.html</a> <ul style="list-style-type: none"> <li>▪ Introduction of Plants Genetically Engineered to Produce Industrial Compounds. 7 CFR 340. Federal Register Vol 68, No 151 p.46434-46436 of August 6, 2003</li> <li>▪ Guidelines for Products that Do Not Require and Import Permit <a href="http://www.aphis.usda.gov/vs/ncie/fac_imp.html">http://www.aphis.usda.gov/vs/ncie/fac_imp.html</a></li> <li>▪ Regulation of transgenic arthropods and other transgenic invertebrate plant pests <a href="http://www.aphis.usda.gov/brs/arthropod/permitdisc.pdf">http://www.aphis.usda.gov/brs/arthropod/permitdisc.pdf</a> Explains the procedures associated with the permitting process</li> <li>▪ Biotechnology Inspection Manual for Notification Field Releases <a href="http://www.aphis.usda.gov/ppq/manuals/pdf_files/Biotech_Manual.pdf">http://www.aphis.usda.gov/ppq/manuals/pdf_files/Biotech_Manual.pdf</a> A procedural guide for PPQ officers conducting notification field release inspections and background information for other biotechnology inspections</li> </ul> </li> <li>▪ Agricultural Research Service (ARS) <a href="http://www.ars.usda.gov/">http://www.ars.usda.gov/</a> <ul style="list-style-type: none"> <li>▪ Facility Design Standards 242.1M of July 24, 2002 <a href="http://www.afm.ars.usda.gov/ppweb/242-01m.htm">http://www.afm.ars.usda.gov/ppweb/242-01m.htm</a></li> </ul> </li> <li>▪ Plant Protection Act - Title IV, Agriculture Risk Protection Act (PPA) of 2000 <a href="http://www.aphis.usda.gov/ppq/plantact/index.html">http://www.aphis.usda.gov/ppq/plantact/index.html</a></li> <li>▪ USDA Treatment Manual, revision 10, 2002-04 <a href="http://www.aphis.usda.gov/ppq/manuals/pdf_files/TM.pdf">http://www.aphis.usda.gov/ppq/manuals/pdf_files/TM.pdf</a></li> <li>▪ USDA Airport and Maritime Operations Manual <a href="http://www.aphis.usda.gov/ppq/manuals/pdf_files/AMOM.pdf">http://www.aphis.usda.gov/ppq/manuals/pdf_files/AMOM.pdf</a></li> <li>▪ Entry status of seed for planting <a href="http://www.aphis.usda.gov/ppq/permits/plantproducts/seedweb.html">http://www.aphis.usda.gov/ppq/permits/plantproducts/seedweb.html</a></li> </ul>
USA	<p>Office of Science and Technology Policy. Proposed Federal Action to Update Field Test Requirements for Biotechnology Derived Plants and to Establish Early Food Safety Assessments for New Proteins Produced by Such Plants. Notice Fed Reg Aug 2, 2002 Vol.67, No.149, p.50578</p>
USA	<p>A Practical Guide to Containment: Greenhouse Research with Transgenic</p>

	Plants and Microbes. P.L. Traynor, D. Adair, R. Irwin. Information Systems for Biotechnology, Virginia Polytechny Institute and State University with funding by USDA. <a href="http://www.isb.vt.edu/greenhouse/green_man.intro.cfm">http://www.isb.vt.edu/greenhouse/green_man.intro.cfm</a>
USA	NIH Guidelines for Recombinant DNA Molecules, April 2002 <a href="http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html">http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html</a>
USA	Crop Biology for the following plants : <ul style="list-style-type: none"> <li>▪ Cotton (<i>Gossypium hirsutum</i>)</li> <li>▪ Corn (<i>Zea mays</i>)</li> <li>▪ Cucurbit (<i>Cucumis, Cucurbita</i>)</li> <li>▪ Rapeseed/Canola (<i>Brassica napus</i>)</li> <li>▪ Soybean (<i>Glycine max</i>)</li> <li>▪ Tomato (<i>Lycopersicon esculentum</i>)</li> <li>▪ Potato (<i>Solanum tuberosum</i>)</li> </ul> <a href="http://www.aphis.usda.gov/brs/biology.html">http://www.aphis.usda.gov/brs/biology.html</a>
USA	Transgenic arthropods and other transgenic invertebrates plant pests <ul style="list-style-type: none"> <li>▪ Procedures for USDA APHIS permits for transgenic arthropods and other invertebrates that are plant pests <a href="http://www.aphis.usda.gov/brs/arthropod/transgenproc.pdf">http://www.aphis.usda.gov/brs/arthropod/transgenproc.pdf</a></li> <li>▪ Regulation of transgenic arthropods and other transgenic invertebrate plant pests <a href="http://www.aphis.usda.gov/brs/arthropod/permitdisc.pdf">http://www.aphis.usda.gov/brs/arthropod/permitdisc.pdf</a> Explains the procedures associated with the permitting process</li> <li>▪ The regulation of transgenic arthropods (and other transgenic invertebrates) – Bibliography associated with the introduction of transgenic arthropods compiled by the Transgenic Arthropod Team (TAT) in Biotechnology Evaluation (BE), BSS-APHIS-USDA <a href="http://www.aphis.usda.gov/brs/arthropod/tgenbib.html">http://www.aphis.usda.gov/brs/arthropod/tgenbib.html</a></li> </ul>
Plants	Crop Diseases <a href="http://www.crop-net.com/disease.html">Http://www.crop-net.com/disease.html</a>
Plants	AgBio Forum <a href="http://www.agbioforum.org/">Http://www.agbioforum.org/</a>
Seeds	OECD seeds <a href="http://www.oecd.org/agr/code/seeds/schemes_e.pdf">Http://www.oecd.org/agr/code/seeds/schemes_e.pdf</a>
FAO	FAO statistics <a href="http://www.fao.org/default.htm">Http://www.fao.org/default.htm</a>
EU	European Union Standing Committee on Plant Health <a href="http://europa.eu.int/comm/food/fs/rc/scph/index_en.html">Http://europa.eu.int/comm/food/fs/rc/scph/index_en.html</a>
Entomology	Iowa State University Entomology Index of Internet Resources <a href="http://www.ent.iastate.edu/List/">Http://www.ent.iastate.edu/List/</a>
<b>Contained Use of Genetical Modified Micro-organisms</b>	
EU	Directive 98/81/EC of 26 October 1998 amending Directive 90/219/EEC on the contained use of genetically modified micro-organisms OJEC 05.12.1998 L330/0013-0031 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	Directive 90/219/EEC of 23 April 1990 on the contained use of genetically modified micro-organisms <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Decision</b> of 27 September 2000 concerning the guidance notes for risk assessment outlined in Annex III of Directive 90/219/EEC on the contained use of genetically modified micro-organisms - <b>2000/608/EC</b> (OJ EC 12.10.2000 L258/43-48) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>

EU	<b>Council Decision</b> of 8 March 2001 supplementing Directive 90/219/EEC as regards the criteria for establishing the safety, for human health and the environment, of types of genetically modified micro-organisms – <b>2001/204/EC</b> (O.J. EC 15.03.2001 L73/32-34) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
<b>Deliberate Release of Genetically Modified Organisms</b>	
EU	<b>Directive 2001/18/EC</b> of the European Parliament and the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Directive 90/220/EEC (OJEC 17.4.2001 L106/1-38) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 3 October 2002 establishing guidance notes supplementing Annex VII to Directive 2001/18/EC of the European Parliament and the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Directive 90/220/EEC – <b>2002/811/EC</b> (OJEC 18.10.2002 L 280/27-36) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 3 October 2002 establishing pursuant Directive 2001/18/EC of the European Parliament and the Council the summary information format relating to the placing on the market of genetically modified organisms as or in products – <b>2002/812/EC</b> (OJEC 18.10.2002 L 280/37-61) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Decision</b> of 3 October 2002 establishing, pursuant to Directive to Directive 2001/18/EC of the European Parliament and the Council the summary information format for notifications concerning the deliberate release into the environment of genetically modified organisms for purposes other than for placing on the market – <b>2002/813/EC</b> (OJEC 18.10.2002 L 280/62-83) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Regulation (EC) No 1829/2003</b> of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed (OJEU 18.10.2003 L268/1-23) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Regulation (EC) No 1830/2003</b> of the European Parliament and of the Council of 22 September 2003 concerning the traceability and labeling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC (OJEU 18.10.2003 L268/24-43) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
<b>Protection Against the Introduction of Organisms Harmful to Plants and Plant Products</b>	
EU	<b>Council Directive 95/44/EC</b> of 26 July 1995 establishing the conditions under which certain harmful organisms, plants, plant products and other objects listed in Annexes I to V to Council Directive 77/93/EEC may be introduced into or moved within the Community or certain protected zones thereof, for trial or scientific purposes and for work on varietal selections. (OJEC 03.08.1995 L184/34-46) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 2000/29/EC</b> of 8 May 2000 on protection measures against the introduction into the community of organisms harmful to plants and plant products and against the spread within the Community. (OJEC 10.7.2000 L169/1-112)

	<a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Commission Directive 2001/33/EC</b> of 8 May 2001 amending certain annexes to Council Directive 2000/29/EC on protection measures against the introduction into the community of organisms harmful to plants and plant products and against the spread within the Community. OJEC 9.5.2001 L127/42-44 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	<b>Council Directive 2002/89/EC</b> of 28 November 2002 amending Directive 2002/29/EC on protective measures against the introduction into the Community of organisms harmful to plants or plant products and against the spread within the Community OJEC 30.12.2002 L355/45-60 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
Germany	<b>Pflanzenbeschauverordnung</b> geändert durch die Dritte Verordnung zur Änderung pflanzenschutzrechtlicher Vorschriften vom 5. Dezember 2002 (BGBl Nr. 83 S. 4493) zuletzt geändert durch „ <b>Zehnte Verordnung zur Änderung der Pflanzenbeschauverordnung</b> “ vom 5. Juni 2003 (BGBl. I Nr. 24 S. 799). BBA-AG 03/07 <a href="http://www.bba.de/ag/gesund/national/pbvo.pdf">http://www.bba.de/ag/gesund/national/pbvo.pdf</a>  <b>Planzenschutz-Gesetz</b> <a href="http://www.bba.de/recht/pfg_in.htm">http://www.bba.de/recht/pfg_in.htm</a>
<b>Convention on Biological Diversity and Cartagena Protocol on Biosafety</b>	
International	Convention on Biological Diversity 5 June 1972 The objectives are the conservation of biological diversity, the sustainable use of its components and the fair and equitable sharing of the benefits arising out of the utilization of genetic resources <a href="http://www.biodiv.org">Http://www.biodiv.org</a>
International	Cartagena Protocol on Biosafety to the Convention on Biological Diversity – 2000 It provides a comprehensive and holistic approach to the conservation of biological diversity, the sustainable use of natural resources and the fair and equitable sharing of benefits deriving from the use of genetic resources. Objective: “In accordance with the precautionary approach contained in Principle 15 of the Rio Declaration on Environment and Development, the objective of this Protocol is to contribute to ensuring an adequate level of protection in the field of the safe transfer, handling and use of living modified organisms resulting from modern biotechnology that may have adverse effects on the conservation and sustainable use of biological diversity, taking also into account risks to human health, and specifically focusing on transboundary movements. <a href="http://www.biodiv.org/biosafety/default.asp">Http://www.biodiv.org/biosafety/default.asp</a>
EU	<b>Regulation (EC) No 1946/2003</b> of the European parliament and of the Council of 15 July 2003 on the transboundary movement of genetically modified organisms. (Text with EEA relevance) (OJEC 5.11.2003 L287/1-10 ) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a> Translation of the Cartagena Protocol on Biosafety into European regulation
India	Guidelines for Import / Export of Seed / Planting Material for Research Purposes. New Procedure [2001]. Agro-biodiversity (PGR) – 16. National Bureau of Plant Genetic Resources, Indian Council of Agricultural Research (ICAR).

	<a href="http://www.icar.org.in/">http://www.icar.org.in/</a>
<b>Bioterrorism/Biosecurity</b>	
USA	Public Law 107-188—June 12, 2002 Public Health Security and Bioterrorism Preparedness and Response Act of 2002
USA	Department of Agriculture. Animal and Plant Health Inspection Service 7 CFR Part 331, 9 CFR Part 121 Agricultural Bioterrorism Protection Act of 2002. Listing of Biological Agents and Toxins and Requirements and Procedures for Notification of Possession. Fed Reg Aug 12, 2002 Vol.67, No.155, p.52383
USA	Department of Agriculture. Animal and Plant Health Inspection Service 7 CFR Part 331, 9 CFR Part 121 Agricultural Bioterrorism Protection Act of 2002. Listing of Biological Agents and Toxins and Requirements and Procedures for Notification of Possession. Fed Reg Aug 12, 2002 Vol.67, No.155, p.52383
USA	CDC/USDA Guidance Document for Application for Laboratory Registration for Possession, Use and Transfer of Select Agents or High Consequence Livestock Pathogens and Toxins. 12/02/02 ???
USA	Department of Agriculture 7 CFR Part 331 and 9 CFR Part 121. Agricultural Bioterrorism Protection Act of 2002; Possession, Use and Transfer of Biological Agents and Toxins; Interim Final Rule. Fed Reg Dec 13, 2002 Vol.67, No.240, p.76908
USA	Department of Health and Human Services, 42 CFR Part 73 Possession, Use and Transfer of Select Agents and Toxins. Fed Reg Dec 13, 2002, Vol.67, No.240, p.76886
USA	Laboratory Security and Emergency Response. Guidance for Laboratories Working with Select Agents. MMWR December 6, 2002 Vol.51 No. RR-19
USA	Select Agent Program – information, regulations and forms available at: <a href="http://www.cdc.gov/od/sap/">http://www.cdc.gov/od/sap/</a>
<b>Plant Made Pharmaceuticals</b>	
USA	Food and Drug Administration (FDA): CBER – Center for Biologics Evaluation and Research <a href="http://www.fda.gov/cber/index.html">http://www.fda.gov/cber/index.html</a>
USA	Guidance for Industry. Drugs, Biologics and Medical Devices Derived from Bioengineered Plants for Use in Humans and Animals. Draft Guidance. Federal Register Vol 67 No 177, p.57828-29, September 12, 2002 <a href="http://www.fda.gov/cber/gdlns/bioplant.pdf">http://www.fda.gov/cber/gdlns/bioplant.pdf</a>
USA	Good Manufacturing Practice (GMP) requirements set forth in the Quality System (QS) regulation promulgated under section 520 of the Food, Drug and Cosmetic (FD&C) Act. The QS regulation is contained under Title 21 CFR Part 820 <a href="http://www.fda.gov">http://www.fda.gov</a>
USA	FDA regulations on Good Laboratory Practices (GLP) under 21 CFR 58 <a href="http://www.fda.gov">http://www.fda.gov</a>
International	International Conference on Harmonization (ICH) – Technical Requirements for Registration of Pharmaceuticals for Human Use - Guidelines <a href="http://www.ich.org">http://www.ich.org</a>
Canada	New Substances Notification Regulations <a href="http://laws.justice.gc.ca/en/C-15.31/SOR-94-260/index.html">http://laws.justice.gc.ca/en/C-15.31/SOR-94-260/index.html</a>
Canada	Regulatory RoadMap for New Substances in Canada <a href="http://www.ec.gc.ca/cepregistry/regulations/FINAL-RoadMap_e.pdf">http://www.ec.gc.ca/cepregistry/regulations/FINAL-RoadMap_e.pdf</a>
Canada	CEPA New Substances Program

	<a href="http://www.ec.gc.ca/substances">http://www.ec.gc.ca/substances</a>
Canada	Environment Canada and Health Canada: Canadian Environmental Protection Act 1999 and New Substances Notification Regulations <a href="http://www.ec.gc.ca/cceb1/nsd/eng/reg_e.htm">http://www.ec.gc.ca/cceb1/nsd/eng/reg_e.htm</a>
Canada	Health Canada – HPFB Inspectorate Good Manufacturing Practices (GMP) for Schedule D Drugs – Part 1- Biological Drugs <a href="http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/sched_d_part1_entire_e.html">http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/sched_d_part1_entire_e.html</a>
Canada	Good Manufacturing Practices <a href="http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/gmo_e.html">http://www.hc-sc.gc.ca/hpfb-dgpsa/inspectorate/gmo_e.html</a>
Canada	Main Page of Plant Biosafety Office <a href="http://www.inspection.gc.ca/english/plaveg/pbo/pbobbve.shtml">http://www.inspection.gc.ca/english/plaveg/pbo/pbobbve.shtml</a> - Regulatory Directive 2000-07: guideline for the environmental release of plants with novel traits (PNTs) within confined field trials in Canada
EU	Council Regulation (EEC) No 2309/93 of 22 July 1993 laying down Community procedures for the authorization and supervision of medical products for humans and veterinary use and establishing a European Agency for the Evaluation of Medical Products (EMEA) <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	Directive 2001/18/EC of the European Parliament and the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms and repealing Directive 90/220/EEC OJEC 17.4.2001 L106/1-38 <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	Directive 90/219/EEC of 23 April 1990 on the contained use of genetically modified micro-organisms <a href="http://europa.eu.int/eur-lex/en/index.html">http://europa.eu.int/eur-lex/en/index.html</a>
EU	Points to Consider on Quality Aspects of Medicinal Products Containing Active Substances Produced by Stable Transgene Expression in Higher Plants. CPMP/BWP/764/02. Committee for Proprietary Medicinal Products (CPMP). The European Agency for the Evaluation of Medicinal Products (EMEA). Evaluation of Medicines for Human Use. 13 March 2002 <a href="http://www.emea.eu.int/">http://www.emea.eu.int/</a>

<b>VENDORS</b>	
<b>Modular Labs</b>	
	Certek, Inc. <a href="http://www.certekinc.com/bl3.htm">http://www.certekinc.com/bl3.htm</a>
	Scientific Buildings, Inc. <a href="http://www.scientificbuildings.com">http://www.scientificbuildings.com</a>
	Dovetail Biocontainment LLC <a href="http://www.dovebiocon.com">http://www.dovebiocon.com</a>
	CPM Labfab, Inc. <a href="http://www.cpminc.com">http://www.cpminc.com</a>
	BioBubble <a href="http://www.biobubble.com">http://www.biobubble.com</a>
	Btitz-Heidbrink, Inc. <a href="http://www.bhenrich.com/">http://www.bhenrich.com/</a>
<b>Primary Containment for animals</b>	
	Cleanroom Softwall Systems – Simplex Isolation Systems <a href="http://www.simplexstripdoors.com/cleanroom.htm">http://www.simplexstripdoors.com/cleanroom.htm</a>

	Primate Products <a href="http://www.primateproducts.com/">http://www.primateproducts.com/</a>
	BioZone <a href="http://www.biozoneglobal.com/products.html">http://www.biozoneglobal.com/products.html</a>
	bioBubble <a href="http://www.biobubble.com/">http://www.biobubble.com/</a>
	Animal Technologies Limited <a href="http://www.atbk.net/">http://www.atbk.net/</a>
<b>Animal Isolator Caging Supplies</b>	
	Allentown Caging Equipment Company <a href="http://www.acecaging.com">http://www.acecaging.com</a>
	ILRI <a href="http://www.cgjar.org/ilri/factsht/facility/fssau.pdf">http://www.cgjar.org/ilri/factsht/facility/fssau.pdf</a>
	Harlan Isotec <a href="http://www.harlan.com/isotec/index.htm">http://www.harlan.com/isotec/index.htm</a>
	Kojair flexible isolators <a href="http://www.kojair.co.uk/isolators.html">http://www.kojair.co.uk/isolators.html</a>
<b>Biosafety Cabinets</b>	
	Baker Company <a href="http://www.bakerco.com/">http://www.bakerco.com/</a>
	NuAire <a href="http://www.nuair.com/">http://www.nuair.com/</a>
	Thermo Forma <a href="http://www.forma.com/">http://www.forma.com/</a> <a href="http://www.thermo.com/">http://www.thermo.com/</a>
	Euro Aire <a href="http://www.euroaire.com/index.htm">http://www.euroaire.com/index.htm</a>
	BioAir <a href="http://www.bioair.it">http://www.bioair.it</a>
	Kojair <a href="http://www.kojair.com/">http://www.kojair.com/</a>
	Bigneat Containment Technology <a href="http://www.bigneat.com">http://www.bigneat.com</a>
	danLAF <a href="http://www.clausdamm.dk/export/danlaf.htm">http://www.clausdamm.dk/export/danlaf.htm</a>
	Clean Air Techniek bv <a href="http://www.cleanairbv.nl/prod/isolators.htm">http://www.cleanairbv.nl/prod/isolators.htm</a>
<b>Laboratory Automation Equipment</b>	
	Hudson Control Group <a href="http://www.hudsoncontrol.com/index.htm">http://www.hudsoncontrol.com/index.htm</a>
<b>Miscellaneous</b>	
	Calbiochem <a href="http://www.calbiochem.com">http://www.calbiochem.com</a>
	Chemrest <a href="http://www.chemrest.com">http://www.chemrest.com</a>
	Invitrogen <a href="http://www.invitrogen.com">http://www.invitrogen.com</a>
	New England Biolabs <a href="http://www.neb.com/neb/index.html">http://www.neb.com/neb/index.html</a>