

# Laboratory SOPs in Internet – Index

## Content

- 1. General laboratory procedures** (Last Login: 02/09/2009)
- 2. Laboratory Safety** (Last Login: 02/10/2009)
- 3. Biochemical laboratory procedures** (Last Login: 25/08/2009)
- 4. Blood bank procedures** (Last Login: 02/09/2009)
- 5. Chemical laboratory procedures** (Last Login: 04/10/2009)
- 6. Microbiology laboratory procedures** (Last Login: 04/10/2009)
- 7. Physical laboratory procedures** (Last Login: 02.09.2009)
- 8. Specialized laboratory procedures** (Last Login: 25.08.2009)

## 1. General laboratory procedures ((Last Login: 02/09/2009))

Procedure	SOPs properties
Preparation of SOPs	<p><b>1.1. Title: STANDARD OPERATING PROCEDURES</b>  <b>Prepared by:</b> WHO Polio laboratory manual, 2004 (<b>who. Polioliab</b>)  <b>Shortcut to the SOP:</b>  <a href="http://www.who.int/vaccines/en/polioliab/webhelp/Chapter_03/3_2_Standard_operating_procedures.htm">http://www.who.int/vaccines/en/polioliab/webhelp/Chapter_03/3_2_Standard_operating_procedures.htm</a>  <b>Comments:</b> WHO recommendations for laboratory SOPs preparation</p>
	<p><b>1.2. Title: STANDARD OPERATING PROCEDURES</b>  <b>Prepared by:</b> Food and Agriculture Organization (UN) (<a href="http://www.fao.org/">http://www.fao.org/</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.fao.org/docrep/W7295E/w7295e04.htm">http://www.fao.org/docrep/W7295E/w7295e04.htm</a>  <b>Comments:</b> Administration of SOPs and laboratory notebooks</p>
	<p><b>1.3. Title: GUIDANCE FOR PREPARING STANDARD OPERATING PROCEDURES (SOPs)</b>  <b>Prepared by:</b> U.S. Environmental Protection Agency (EPA) (<a href="http://www.epa.gov/">http://www.epa.gov/</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.epa.gov/quality/qs-docs/g6-final.pdf">http://www.epa.gov/quality/qs-docs/g6-final.pdf</a>  <b>Comments:</b> EPA recommendations for laboratory SOPs preparation with 3 SOPs - examples</p>
Quality Control	<p><b>1.4. Title: REAGENT AND TEST KITS QUALITY CONTROL</b>  <b>Prepared by:</b> Mount Sinai Hospital, Canada (<a href="http://www.mountsinai.on.ca/">http://www.mountsinai.on.ca/</a>)  <b>Shortcut to the SOP:</b> <a href="http://microbiology.mtsinai.on.ca/manual/qc/qc08.pdf">http://microbiology.mtsinai.on.ca/manual/qc/qc08.pdf</a>  <b>Comments:</b> Registration and frequency of testing</p>
	<p><b>1.5. Title: QUALITY CONTROL REVIEW</b>  <b>Prepared by:</b> Mount Sinai Hospital, Canada (<a href="http://www.mountsinai.on.ca/">http://www.mountsinai.on.ca/</a>)  <b>Shortcut to the SOP:</b> <a href="http://microbiology.mtsinai.on.ca/manual/qc/qc11.pdf">http://microbiology.mtsinai.on.ca/manual/qc/qc11.pdf</a>  <b>Comments:</b> Out-of range results review</p>
	<p><b>1.6. Title: RETENTION SAMPLES – LABORATORY</b>  <b>Prepared by:</b> GMP-Quality-Up. Online Resource of Pharmaceutical QA Procedures (<a href="http://www.gmpqualityup.com/index.html">http://www.gmpqualityup.com/index.html</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.gmpqualityup.com/sample/LAB-045_sample.pdf">http://www.gmpqualityup.com/sample/LAB-045_sample.pdf</a>  <b>Comments:</b> Retention of Finished Good and Raw Material, tested by the Laboratory</p>

## 1. General laboratory procedures (continue)

Procedure	SOPs properties
Equipment and Chemicals use	<p><b>1.7. Title: EQUIPMENT QC &amp; MAINTENANCE</b>  <b>Prepared by:</b> Mount Sinai Hospital, Canada (<a href="http://www.mountsinai.on.ca/">http://www.mountsinai.on.ca/</a>)  <b>Shortcut to the SOP:</b> <a href="http://microbiology.mtsinai.on.ca/manual/qc/qc09.pdf">http://microbiology.mtsinai.on.ca/manual/qc/qc09.pdf</a>  <b>Comments:</b> Refrigerators, Incubators, Heating Blocks, Centrifuges and other</p>
	<p><b>1.8. Title: GENERAL LABORATORY PROCEDURES, EQUIPMENT USE</b>  <b>Prepared by:</b> University of Maryland, Baltimore. Department of biological sciences (<a href="http://www.umbc.edu/biosci/grad/degrees.php">http://www.umbc.edu/biosci/grad/degrees.php</a>)  <b>Shortcut to the SOP:</b> <a href="http://userpages.umbc.edu/~jwolf/method2d.htm">http://userpages.umbc.edu/~jwolf/method2d.htm</a>  <b>Comments:</b> Operating instructions: pH meter, Autoclave, Spectrophotometer</p>
Results registration and reporting procedures	<p><b>1.9. Title: REPORTING PROCEDURES</b>  <b>Prepared by:</b> Dartmouth-Hitchcock Medical Center (<a href="http://www.labhandbook.hitchcock.org/">http://www.labhandbook.hitchcock.org/</a>)  <b>Shortcut to the SOP:</b> <a href="http://labhandbook.hitchcock.org/reporting.html">http://labhandbook.hitchcock.org/reporting.html</a>  <b>Comments:</b> Medical laboratory reporting procedure</p>
	<p><b>1.10. Title: CONTROL AND USE OF LABORATORY NOTEBOOKS</b>  <b>Prepared by:</b> West Coast Analytical Service (<a href="http://www.wcaslab.com">www.wcaslab.com</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.wcaslab.com/qa/sop/2260v2.PDF">http://www.wcaslab.com/qa/sop/2260v2.PDF</a>  <b>Comments:</b> Using logbooks for the recording of laboratory raw data</p>
	<p><b>1.11. Title: PROCEDURE FOR LOT RELEASE OF BIOLOGICAL PRODUCTS</b>  <b>Prepared by:</b> National Control Laboratory, Pakistan (<a href="http://www.dcomoh.gov.pk">www.dcomoh.gov.pk</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.dcomoh.gov.pk/downloads/sopbio.doc">http://www.dcomoh.gov.pk/downloads/sopbio.doc</a>  <b>Comments:</b> Method to obtain lot release certificate from Control laboratory</p>

## 2. Laboratory Safety (Last Login: 02/10/2009)

Procedure	SOPs properties
General safety	<p><b>2.1. Title: GENERAL LABORATORY SAFETY</b>  <b>Prepared by:</b> University of Maryland, Environmental safety  (<a href="http://www.des.umd.edu">http://www.des.umd.edu</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.des.umd.edu/ls/sop/GeneralLabSOP.pdf">http://www.des.umd.edu/ls/sop/GeneralLabSOP.pdf</a>  <b>Comments:</b> Hazard identification, emergency equipment, employee training and other</p>
	<p><b>2.2. Title: STANDARD OPERATING PROCEDURE EXAMPLES AND RESOURCES</b>  <b>Prepared by:</b> University of Maryland, Environmental safety  (<a href="http://www.des.umd.edu">http://www.des.umd.edu</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.des.umd.edu/ls/sop/">http://www.des.umd.edu/ls/sop/</a>  <b>Comments:</b> Links to about 40 SOPs on the internet from different Universities</p>
Biohazardous materials	<p><b>2.3. Title: SAMPLE BIOLOGICAL MATERIAL STANDARD OPERATING PROCEDURE TEMPLATE</b>  <b>Prepared by:</b> Medical college of Wisconsin, USA (<a href="http://www.mcw.edu">www.mcw.edu</a>)  <b>Shortcut to the SOP:</b>  <a href="http://www.mcw.edu/FileLibrary/Groups/InfoScopeResearchResources/Hazardous_Agents_Forms/GuidanceDocs/SOP_Template.doc">http://www.mcw.edu/FileLibrary/Groups/InfoScopeResearchResources/Hazardous_Agents_Forms/GuidanceDocs/SOP_Template.doc</a>  <b>Comments:</b> Safety SOP Sample Template</p>
	<p><b>2.4. Title: STANDARD OPERATING PROCEDURE FOR WORKING WITH BIOHAZARDOUS MATERIALS ...</b>  <b>Prepared by:</b> University of Guelph, Ontario, Canada  (<a href="http://www.uoguelph.ca/hhns">http://www.uoguelph.ca/hhns</a>)  <b>Shortcut to the SOP:</b>  <a href="http://www.uoguelph.ca/hhns/pdf/BiohazardousMaterialsSOP.pdf">http://www.uoguelph.ca/hhns/pdf/BiohazardousMaterialsSOP.pdf</a>  <b>Comments:</b> Protective equipment, decontamination procedures</p>

### 3. Biochemical laboratory procedures (Last Login: 25/08/2009)

Procedure	SOPs properties
Specimens collection and transport	<p><b>3.1. Title: SPECIMEN COLLECTION</b>  <b>Prepared by:</b> Dartmouth-Hitchcock Medical Center  (<a href="http://www.labhandbook.hitchcock.org/">http://www.labhandbook.hitchcock.org/</a>)  <b>Shortcut to the SOP:</b> <a href="http://labhandbook.hitchcock.org/collection.html">http://labhandbook.hitchcock.org/collection.html</a>  <b>Comments:</b> Medical specimens collection, phlebotomy procedures</p>
	<p><b>3.2. Title: ORDERING, LABELING &amp; REGISTRATIONS</b>  <b>Prepared by:</b> Dartmouth-Hitchcock Medical Center  (<a href="http://www.labhandbook.hitchcock.org/">http://www.labhandbook.hitchcock.org/</a>)  <b>Shortcut to the SOP:</b> <a href="http://labhandbook.hitchcock.org/ordering.html">http://labhandbook.hitchcock.org/ordering.html</a>  <b>Comments:</b> Medical specimens ordering procedure</p>
Hematology tests	<p><b>3.3. Title: ERYTHROCYTE SEDIMENTATION RATE (ESR) WESTERGREN METHOD</b>  <b>Prepared by:</b> The Public Health Care laboratory (<a href="http://www.phclab.com">http://www.phclab.com</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.phclab.com/News/Newexamplesop.htm">http://www.phclab.com/News/Newexamplesop.htm</a>  <b>Comments:</b> Principle of the Test, Clinical Significance, Test Procedure</p>

### 4. Blood bank procedures (Last Login: 02/09/2009)

Procedure	SOPs properties
Medical center blood bank	<p><b>4.1. Title: TRANSFUSION MEDICINE SERVICE</b>  <b>Prepared by:</b> Dartmouth-Hitchcock Medical Center  (<a href="http://www.labhandbook.hitchcock.org/">http://www.labhandbook.hitchcock.org/</a>)  <b>Shortcut to the SOP:</b> <a href="http://labhandbook.hitchcock.org/bloodBank.html">http://labhandbook.hitchcock.org/bloodBank.html</a>  <b>Comments:</b> Forms and labeling, ordering procedures</p>
	<p><b>4.2. Title: CRITERIA OF SAMPLES FOR COMPATIBILITY TESTING</b>  <b>Prepared by:</b> Brownwood Regional Medical Center  (<a href="http://www.brmc-cares.com/">http://www.brmc-cares.com/</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.brmc-cares.com/Documents/Samples%20for%20compatibility%20testing.pdf">http://www.brmc-cares.com/Documents/Samples%20for%20compatibility%20testing.pdf</a>  <b>Comments:</b> Blood bank laboratory - sampling, tube labeling and storage of specimens</p>

## 5. Chemical laboratory procedures (Last Login: 04/10/2009)

Procedure	SOPs properties
Atomic absorption, Spectrophotometry	<p><b>5.1. Title: METALS ANALYSIS BY ATOMIC ABSORPTION SPECTROPHOTOMETRY</b></p> <p><b>Prepared by:</b> California Environmental Protection Agency (<a href="http://www.arb.ca.gov/homepage.htm">http://www.arb.ca.gov/homepage.htm</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.arb.ca.gov/aaqm/sop/mld005_fin.pdf">http://www.arb.ca.gov/aaqm/sop/mld005_fin.pdf</a></p> <p><b>Comments:</b> Metals analysis</p>
Lead (Pb)	<p><b>5.2. Title: STANDARD OPERATING PROCEDURE FOR DETERMINING LEAD (Pb) AND ITS AVAILABILITY IN CHILDREN'S METAL JEWELRY EXAMPLES AND RESOURCES</b></p> <p><b>Prepared by:</b> USA, Consumer Product Safety Commission, Division of Chemistry (<a href="http://www.cpsc.gov/BUSINFO/pbjeweltest">http://www.cpsc.gov/BUSINFO/pbjeweltest</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.cpsc.gov/BUSINFO/pbjeweltest.pdf">http://www.cpsc.gov/BUSINFO/pbjeweltest.pdf</a></p> <p><b>Comments:</b> Two test methodologies - the first - to determine the total lead content, the second methodology is an acid extraction test.</p>
Gas Chromatography	<p><b>5.3. Title: OPERATION OF GC</b></p> <p><b>Prepared by:</b> Colorado State University (<a href="http://www.cvms.colostate.edu">http://www.cvms.colostate.edu</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.cvms.colostate.edu/mip/tb/pdf/SP045.pdf">http://www.cvms.colostate.edu/mip/tb/pdf/SP045.pdf</a></p> <p><b>Comments:</b> Protocol and Notes</p>
	<p><b>5.4. Title: STANDARD OPERATING PROCEDURE FOR DETERMINATION OF AROMATIC AND HALOGENATED COMPOUNDS IN AMBIENT AIR</b></p> <p><b>Prepared by:</b> California Environmental Protection Agency (<a href="http://www.arb.ca.gov/homepage.htm">http://www.arb.ca.gov/homepage.htm</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.arb.ca.gov/aaqm/sop/sop_058.pdf">http://www.arb.ca.gov/aaqm/sop/sop_058.pdf</a></p> <p><b>Comments:</b> Samples preparation and procedure</p>
pH	<p><b>5.5. Title: pH</b></p> <p><b>Prepared by:</b> Tribal Environmental Protection Agency (<a href="http://www.tepa29.org">http://www.tepa29.org</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.tepa29.org/About%20Lab/SOP/Physical%20Properties%20Procedures/PP%200001%20-%20pH%20VWR%20Symphony%20-%20Version%201.pdf">http://www.tepa29.org/About%20Lab/SOP/Physical%20Properties%20Procedures/PP%200001%20-%20pH%20VWR%20Symphony%20-%20Version%201.pdf</a></p> <p><b>Comments:</b> Applicable to the analysis of drinking, surface and saline waters, domestic and industrial wastes and acid rain (atmospheric deposition).</p>

## 5. Chemical laboratory procedures (continue)

Procedure	SOPs properties
Alkalinity, Ammonia, Kjeldahl nitrogen at other	<p><b>5.6. Title: STANDARD OPERATING PROCEDURES LIST</b>  <b>Prepared by:</b> University of Massachusetts Amherst  (<a href="http://googlebox.oit.umass.edu/search?q=sop&amp;sa=Go&amp;site=default_collection&amp;client=default_frontend&amp;proxystylesheet=default_frontend&amp;output=xml_no_dtd">http://googlebox.oit.umass.edu/search?q=sop&amp;sa=Go&amp;site=default_collection&amp;client=default_frontend&amp;proxystylesheet=default_frontend&amp;output=xml_no_dtd</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.umass.edu/tei/mwwp/sop.html">http://www.umass.edu/tei/mwwp/sop.html</a>  <b>Comments:</b> SOPs for 19 parameters</p>

## 6. Microbiology laboratory procedures (Last Login: 04/10/2009)

Procedure	SOPs properties
General	<p><b>6.1. Title: BLOOD SAFETY AND CLINICAL TECHNOLOGY. GUIDELINES ON STANDARD OPERATING PROCEDURES FOR MIKROBIOLOGY</b>  <b>Prepared by: WHO</b> (<a href="http://www.searo.who.int/EN">http://www.searo.who.int/EN</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.searo.who.int/EN/Section10/Section17/Section53/Section482.htm">http://www.searo.who.int/EN/Section10/Section17/Section53/Section482.htm</a>  <b>Comments:</b> 27 SOPs in sections: General, procedures for 13 specific diseases, samples collection and transportation</p>
Educational laboratory	<p><b>6.2. Title: BIOL 230 MICROBIOLOGY LAB MANUAL</b>  <b>Prepared by:</b> Dr. G. Kaiser's microbiology course. College of Baltimore County (<a href="http://student.ccbcmd.edu/~gkaiser/goshp.html">http://student.ccbcmd.edu/~gkaiser/goshp.html</a>)  <b>Shortcut to the SOP:</b> <a href="http://student.ccbcmd.edu/courses/bio141/labmanua/toc.html">http://student.ccbcmd.edu/courses/bio141/labmanua/toc.html</a>  <b>Comments:</b> Laboratory exercises, procedures and results interpretation</p>
Specimens collection and transport	<p><b>6.3. Title: MICROBIOLOGY – GENERAL GUIDELINES</b>  <b>Prepared by:</b> Dartmouth-Hitchcock Medical Center  <a href="http://www.labhandbook.hitchcock.org/">http://www.labhandbook.hitchcock.org/</a>  <b>Shortcut to the SOP:</b> <a href="http://labhandbook.hitchcock.org/microbiology.html">http://labhandbook.hitchcock.org/microbiology.html</a>  <b>Comments:</b> Medical specimens</p>
	<p><b>6.4. Title: COLLECTION OF WADEABLE AND NONWADEABLE SURFACE WATER AND MARINE WATER FOR MICROBIOLOGICAL EXAMINATION</b>  <b>Prepared by:</b> Guam Environmental Protection Agency  (<a href="http://node.guamepa.net/programs">http://node.guamepa.net/programs</a>)  <b>Shortcut to the SOP:</b> <a href="http://node.guamepa.net/programs/emas/A3.SOP-FieldBactiExam.pdf">http://node.guamepa.net/programs/emas/A3.SOP-FieldBactiExam.pdf</a>  <b>Comments:</b> Water collection for microbiological examination</p>

## 7. Microbiology laboratory procedures (continue)

Procedure	SOPs properties
Quality Control	<p><b>6.5. Title: QUALITY CONTROL MANUAL</b>  <b>Prepared by:</b> Mount Sinai Hospital, Canada (<a href="http://www.mountsinai.on.ca/">http://www.mountsinai.on.ca/</a>)  <b>Shortcut to the SOP:</b> <a href="http://microbiology.mtsinai.on.ca/manual/qc/mi_qc.pdf">http://microbiology.mtsinai.on.ca/manual/qc/mi_qc.pdf</a>  <b>Comments:</b> Isolates for Quality Control. Control of culture media, sterility and methods of testing</p>
	<p><b>6.6. Title: VITEK QUALITY CONTROL</b>  <b>Prepared by:</b> Mount Sinai Hospital, Canada (<a href="http://www.mountsinai.on.ca/">http://www.mountsinai.on.ca/</a>)  <b>Shortcut to the SOP:</b> <a href="http://microbiology.mtsinai.on.ca/manual/qc/qc04.pdf">http://microbiology.mtsinai.on.ca/manual/qc/qc04.pdf</a>  <b>Comments:</b> Quality Control set up for VITEK BENCH</p>
Microorganisms staining	<p><b>6.7. Title: BIOL 230 MICROBIOLOGY LAB MANUAL</b>  <b>Prepared by:</b> Dr. G. Kaiser's microbiology course. College of Baltimore County (<a href="http://student.ccbcmd.edu/~gkaiser/goshp.html">http://student.ccbcmd.edu/~gkaiser/goshp.html</a>)  <b>Shortcut to the SOP:</b> <a href="http://student.ccbcmd.edu/courses/bio141/labmanua/toc.html">http://student.ccbcmd.edu/courses/bio141/labmanua/toc.html</a>  <b>Comments:</b> Direct and indirect, Gram and Capsule, Endospore stain</p>
Microorganisms isolation and identification	<p><b>6.8. Title: BIOL 230 MICROBIOLOGY LAB MANUAL</b>  <b>Prepared by:</b> Dr. G. Kaiser's microbiology course. College of Baltimore County (<a href="http://student.ccbcmd.edu/~gkaiser/goshp.html">http://student.ccbcmd.edu/~gkaiser/goshp.html</a>)  <b>Shortcut to the SOP:</b> <a href="http://student.ccbcmd.edu/courses/bio141/labmanua/toc.html">http://student.ccbcmd.edu/courses/bio141/labmanua/toc.html</a>  <b>Comments:</b> Enterobacteriaceae, pseudomonas, streptococci, staphylococci, neisseriae, mycobacteria, fungi</p>
HIV and different opportunistic infections in HIV patients	<p><b>6.9. Title: GUIDELINES ON STANDARD OPERATING PROCEDURES OR LABORATORY DIAGNOSIS OF HIV – OPPORTUNISTIC INFECTIONS</b>  <b>Prepared by:</b> WHO Guidelines, 2001 (<a href="http://www.searo.who.int/LinkFiles/Publications_guidehivopp">http://www.searo.who.int/LinkFiles/Publications_guidehivopp</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.searo.who.int/LinkFiles/Publications_guidehivopp.pdf">http://www.searo.who.int/LinkFiles/Publications_guidehivopp.pdf</a>  <b>Comments:</b> HIV, Viral, Tuberculosis, Bacterial, Fungal and Parasitic infections</p>
Tuberculosis	<p><b>6.10. Title: BLOOD SAFETY AND CLINICAL TECHNOLOGY. GUIDELINES ON STANDARD OPERATING PROCEDURES FOR MIKROBIOLOGY</b>  <b>Prepared by:</b> WHO (<a href="http://www.searo.who.int/EN">http://www.searo.who.int/EN</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.searo.who.int/EN/Section10/Section17/Section53/Section482_1799.htm">http://www.searo.who.int/EN/Section10/Section17/Section53/Section482_1799.htm</a>  <b>Comments:</b> Samples collection, staining, examination</p>

## 6. Microbiology laboratory procedures (continue)

Procedure	SOPs properties
Plasmid analysis	<p><b>6.11. Title: PLASMID PROFILE ANALYSIS BY THE METHOD OF KADO &amp; LIU (K&amp;L)</b></p> <p><b>Prepared by:</b> Salmonella referency laboratory (<a href="http://www.pulsenet-europe.org">http://www.pulsenet-europe.org</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.google.co.il/search?hl=iw&amp;source=hp&amp;q=PLASMID+PROFILE+ANALYSIS+BY+THE+METHOD+OF&amp;btnG=%D7%97%D7%99%D7%A4%D7%95%D7%A9+%D7%91-Google&amp;meta=&amp;aq=null&amp;oq=">http://www.google.co.il/search?hl=iw&amp;source=hp&amp;q=PLASMID+PROFILE+ANALYSIS+BY+THE+METHOD+OF&amp;btnG=%D7%97%D7%99%D7%A4%D7%95%D7%A9+%D7%91-Google&amp;meta=&amp;aq=null&amp;oq=</a></p> <p><b>Comments:</b> Adapted from Kado &amp; Liu (1981), <i>J.Bact.</i> 145:1365-1373.</p>

## 7. Physical laboratory procedures (Last Login: 02.09.2009)

Procedure	SOPs properties
Educational laboratory	<p><b>7.1. Title: Experiments In Physics: Fifth Edition</b></p> <p><b>Prepared by:</b> Maureen O'Hallorn, Rowan University, New Jersey, USA. (<a href="http://www.rowan.edu/colleges">http://www.rowan.edu/colleges</a>)</p> <p><b>Shortcut to the SOP:</b> <a href="http://www.rowan.edu/colleges/lasold/PhysicsAndAstronomy/LabManual/labs/TorquesAndCoG.pdf">http://www.rowan.edu/colleges/lasold/PhysicsAndAstronomy/LabManual/labs/TorquesAndCoG.pdf</a></p> <p><b>Comments:</b> Experiments procedures: motion, thermodynamics, electricity, magnetism, optics</p>

## 8. Specialized laboratory procedures (Last Login: 25.08.2009)

Procedure	SOPs properties
Histology and micro-technique	<p><b>8.1. Title: LAB MANUAL</b>  <b>Prepared by:</b> Smith College Northampton, Massachusetts. Department of biological sciences (<a href="http://131.229.114.77/Bio304.html">http://131.229.114.77/Bio304.html</a>)  <b>Shortcut to the SOP:</b> <a href="http://131.229.114.77/histo/Manual.pdf">http://131.229.114.77/histo/Manual.pdf</a>  <b>Comments:</b> Microtechnique, staining protocols and slides examination</p>
Molecular and Cell biology	<p><b>8.2. Title: BEGINNING MOLECULAR BIOLOGY LABORATORY MANUAL</b>  <b>Prepared by:</b> University of Maryland, Baltimore. Department of biological sciences (<a href="http://www.umbc.edu/biosci/grad/degrees.php">http://www.umbc.edu/biosci/grad/degrees.php</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.research.umbc.edu/~jwolf/method1.htm">http://www.research.umbc.edu/~jwolf/method1.htm</a>  <b>Comments:</b> Molecular (DNA) and Tissue Culture</p>
	<p><b>8.3. Title: Bowtell labmanual v 31.8.95</b>  <b>Prepared by: USDA United States Department of agriculture</b>  (<a href="http://www.usda.gov/wps/portal/usdahome">http://www.usda.gov/wps/portal/usdahome</a>)  <b>Shortcut to the SOP:</b> <a href="http://wheat.pw.usda.gov/~lazo/methods/au/molbiol.html">http://wheat.pw.usda.gov/~lazo/methods/au/molbiol.html</a>  <b>Comments:</b> DNA, RNA isolation and analysis</p>
Forensic chemistry	<p><b>8.4. Title: FORENSIC CHEMISTRY LABORATORY MANUAL</b>  <b>Prepared by:</b> Oberlin College, Forensic chemistry laboratory  (<a href="http://www.oberlin.edu/colrelat/facultyexperts/thompson.html">http://www.oberlin.edu/colrelat/facultyexperts/thompson.html</a>)  <b>Shortcut to the SOP:</b>  <a href="http://www.asdlib.org/onlineArticles/elabware/thompson/Home1.html">http://www.asdlib.org/onlineArticles/elabware/thompson/Home1.html</a>  <b>Comments:</b> Alcohol, arson, drugs, explosives, fabric, glass</p>

## 8. Specialized laboratory procedures (continue)

Procedure	SOPs properties
Plants laboratory	<p><b>8.5. Title: STANDARD OPERATING PROCEDURE FOR PLANT DIAGNOSTIC LABORATORIES</b>  <b>Prepared by:</b> National Plant Diagnostic Network, USA .  (<a href="http://www.npdn.org/DesktopDefault.aspx">http://www.npdn.org/DesktopDefault.aspx</a>)  <b>Shortcut to the SOP:</b>  <a href="http://www.npdn.org/Library/ViewDocument.pdf?filetype=pdf&amp;DocumentId=822">http://www.npdn.org/Library/ViewDocument.pdf?filetype=pdf&amp;DocumentId=822</a>  <b>Comments:</b> Potato Wart <i>Synchytrium endobioticum</i></p>
	<p><b>8.6. Title: Seed Wash Extraction for All <i>Ustilaginales</i> and Other Fungal Spores Transported by Grain and Straw.</b>  <b>Prepared by:</b> North American Plant Protection Organization  (<a href="http://www.nappo.org/menu_e.shtml">http://www.nappo.org/menu_e.shtml</a>)  <b>Shortcut to the SOP</b>  <a href="http://www.nappo.org/Standards/NEW/Spanish/KBAppend3.pdf">http://www.nappo.org/Standards/NEW/Spanish/KBAppend3.pdf</a>  <b>Comments:</b> Wash extraction of the fungal spores</p>
Veterinary	<p><b>8.7. Title: SAMPLES COLLECTION &amp; PREPARATION</b>  <b>Prepared by:</b> University of Missouri, Research Animal Diagnostic laboratory, Columbia, USA (<a href="http://labored.missouri.edu/">http://labored.missouri.edu/</a>)  <b>Shortcut to the SOP:</b> <a href="http://www.radil.missouri.edu/samplePrepSOP.html">http://www.radil.missouri.edu/samplePrepSOP.html</a>  <b>Comments:</b> Samples collection</p>