



# INDIANA UNIVERSITY

OFFICE OF THE VICE PRESIDENT FOR RESEARCH  
Office of Research Compliance

## Institutional Biosafety Committee (IBC) Protocol Registration Form Comparison

### Indiana University – Bloomington & Regionals

Old Form I: Protocol Registration Form	New Form
Part A, P1-2: Contact & Laboratory Personnel Information	Sec. I-A: Principal Investigator (PI) Information, P1 Sec. I-B: Additional Contact Information, P1 Sec. I-C: Protocol Information, P1 Sec. I-D: Other Compliance Committee Approvals, P2 Sec. I-E: Funding, P2
NIH EXEMPT, P2:	Sec. III: Experiments Covered by the NIH Guidelines III-F-8 of NIH Guidelines, P5
Part B, P2-5: Resources, Forms & Research Description	Sec. I-F: Co-Investigators and Personnel, P2 Sec. I-G: Research Locations, P2 Sec. II: Research Description, P2
Part C, P6-7: Containment and Waste Disposal Containment Levels: Biohazards, P6 Recombinant DNA Research, P6 Animal Research, P6  Plant Research, P6  Waste Disposal, P6-7	Sec. XI: Biosafety Level/Containment Selection, P12  Sec V: Biohazards, P7-8  Sec. IX: Use of Animals or Animal Materials in Research Sec. X: Recombinant or Synthetic Nucleic Acid Molecules in Plants Sec XIII: Decontamination & Waste Disposal Procedures, P15
Old Form II: IU Human or Nonhuman Primate Tissues, Fluids, or Cell Lines, Biological & Chemical Hazards	
Part A, P2: Bloodborne Pathogens & nonhuman primate tissues, fluids, or cell lines, and contaminated human or animal tissues	Sec V: Biohazards, P7-8 Table
Part B, P3-4: Disease-causing microorganisms  Procedures	Sec V: Biohazards, P7-8 Table Section XIII-B: Laboratory Practices, P14
Part C, P4: Risk Mitigation	Sec. XII: PPE & Laboratory Practices, P14
Part D, P5: Chemicals	Sec. XII: PPE & Laboratory Practices, P14 Sec XIII: Decontamination & Waste Disposal Procedures, P15
Part E, P5: Radioactive Materials	No longer required on form.
Old Form IIA: Biological Toxins or Venoms	



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Sec. A, P1: Toxin Information	Sec V: Biohazards, P7-8 Table & Q1-3
Sec. B, P1-3: Cloning Toxin Genes	Sec III: Experiments Covered by NIH Guidelines, P3-4
Sec. C, P3: Select Agent Toxins	Sec. VII: Select Agents & Toxins, P9
<b>Old Form III: Recombinant or Synthetic Nucleic Acid Molecules Utilizing Microorganisms</b>	
III-D-2-a of NIH Guidelines	Sec. III: Experiments Covered by NIH Guidelines, P4
Part A, P1: Cloning Information	Sec. III-B: Recombinant DNA (rDNA) and Synthetic Nucleic Acid Molecule Information, p6 Table
Part B, P2: NIH Guidelines	Sec. III: Experiments Covered by NIH Guidelines, P3-5
III-A-1-a, P2	P3
III-B, P2	P3
III-D, P2-3	P4
III-E, P3	P4
Part C, P4-5: Examples, Risk Group 2 Bacteria and Viruses	Sec. III: Experiments Covered by NIH Guidelines, P4
<b>Old Form IIIA: Recombinant or Synthetic Nucleic Acid Molecules Utilizing Viral Vectors</b>	
P1-3	Sec IV: Viral Vectors, P6-7
<b>Old Form IIIB: EXEMPT Recombinant or Synthetic Nucleic Acid Molecule Research Utilizing Microorganisms</b>	
Part A, P1-2: Section III-F-1 through Section III-F-5 Exemptions	Sec. III: Experiments Covered by the NIH Guidelines P4-5
Part B, P3-4: Section III-F-6 Exemptions, Cloning in <i>E. coli</i> K12 and other Exempt Host Vector Systems Appendix C-I through C-V	Sec. III: Experiments Covered by the NIH Guidelines P5
Part C, P4-5: Experimental Information	Sec. III-B
<b>Old Form IV: Recombinant or Synthetic Nucleic Acid Molecules Utilizing Vertebrate Animals</b>	
Definitions & Animal Biosafety Levels, P1	Sec. XI: Biosafety Level/Containment Selection, P12-13
P2-6	Sec. IX: Use of Animals or Animal Materials in Research
Animal Biosafety Level 1 Research	
III-E-3: Animals other than rodents	Sec. III: Experiments Covered by the NIH Guidelines P4 Sec. IX: Use of Animals or Animal Materials in Research Table
Animal Biosafety Level 2 Research Experiments that require IACUC approval and IBC	Sec. III: Experiments Covered by the NIH Guidelines



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approval prior to initiation III-D-4 III-D-4-a	P4 Sec. IX: Use of Animals or Animal Materials in Research Table
<b>Old form IVA: Recombinant or Synthetic Nucleic Acid Molecules Utilizing Invertebrate Animals Including Arthropods</b>	Sec. IX: Use of Animals or Animal Materials in Research Sec. IX-B: Non-Mammalian Animals, P11
Part A: Cloning Information	Sec. IX: Use of Animals or Animal Materials in Research
Part B: All work described in Part B is conducted under BSL-1 containment.	Sec. IX-B: Non-Mammalian Animals, P11
III-D-4: Purchase or transfer of genetically modified invertebrate animals that utilize BSL-1	
III-D-4-a: Creation of transgenic invertebrate animals	
III-D-a: Experiments with transgenic or non-transgenic invertebrate animals	
<b>Old form V: Recombinant or Synthetic Nucleic Acid Molecules Utilizing Plants</b>	<b>Sec. X: Recombinant or Synthetic Nucleic Acid Molecules in Plants</b>
Name and function of DNA to be inserted into plant List of Genera and summary or summaries of the types of genetic modification	Sec. III-B: Recombinant DNA (rDNA) and Synthetic Nucleic Acid Molecule Information, p6
Fill in the table for experiments in which arthropods or small animals are associated with plants	Sec. X, Q2: BL2-P, BL3-P
NIH EXEMPT Plant Experiments	Sec. III-A: Sections of NIH Guidelines; III-F
Experiments listed below require IBC approval prior to initiation	Sec. III-A: Sections of NIH Guidelines: III-D-5, III-E-2
<b>Old form VI: Select Agent Identification</b>	<b>Sec. VII: Select Agents and Toxins</b>
Q1: List the select agents for which there exists the potential for identification	Q1: For any select agents and/or toxins being used, please list and contact the Biosafety Office
Q2: Brief description of sample source(s) and manipulation procedures Q3: Brief description of identification process	Section II. Research Description Q3: Will this study be identifying any select agents and/or toxins in humans, soil, or the environment? If so, provide a list of potential select agents, description of sample sources.