Human and Vertebrate Animal Tissue Form (	(6B)
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Required for research involving fresh/frozen tissue (including primary cell lines, human and other primate established cell lines and tissue cultures), blood, blood products and body fluids. If the research involves living organisms please ensure that the proper human or animal forms are completed. All projects using any tissue listed above must also complete Form 6A.

Student's Name(s) Gillian Gol	d	
Title of Project The role of Wnt/β-c	eatenin signaling in angiogenesis and BE	BB repair in EAE (Multiple Sclerosis)
To be completed by Student Research	archer(s):	
<ul> <li>1. What vertebrate animal tissue will be</li> <li>□ Fresh or frozen tissue sample</li> <li>□ Fresh organ or other body par</li> <li>□ Blood</li> <li>□ Body fluids</li> <li>□ Primary cell/tissue cultures</li> <li>□ Human or other primate estable</li> </ul>	rt	
2. Where will the above tissue(s) be of C57BL/6 mice	obtained. If using an established cell line incl	ude source and catalog number.
	a vertebrate animal study conducted at a resort of the research institution, the title of the stu	
<ul> <li>I verify that the student will work so qualified personnel from the labora other than the student's research.</li> <li>AND/OR</li> <li>I certify that the blood, blood produ</li> </ul>	ed Scientist or Designated Supervisor: blely with organs, tissues, cultures or cells that will story; and that if vertebrate animals were euthanis sects, tissues or body fluids in this project will be h pational Safety and Health Act, 29CFR, Subpart Z	zed they were euthanized for a purpose nandled in accordance with the standards
Sanjid Shahriar	Sanjid Shahriar Digitally signed by Sanjid Shahriar Date: 2019.09.04 20:22:15 -04'00'	06/10/19
Printed Name	Signature	Date of Approval (mm/dd/yy) (Must be prior to experimentation.)
Graduate Student	ss4747(	@cumc.columbia.edu
Title	Phone/Email	
Columbia University	Medical Center	

Institution