Regulated Research Institutional/Industrial Setting Form (1C)

This form must be completed AFTER experimentation by the adult supervising the student research conducted in a regulated research institution, industrial setting or any work site other than home, school or field.

Student's Name(s)	Catherine Kim Co-administration of Atorvastatin Blocks CYP3A4: Exacerbated Risk of Interstitial Lung Disease							
Title of Project								
-	the Supervising Adult in the Setting (NOT the Student(s)) after experiment the form as it is required to be displayed at student's project booth; please do not p		sided.)					
 Did you or your pro substantial guidanda. If no, describe 	ted research at my work site: oxy (e.g. graduate student, postdoc, employee) mentor or provide ce to the student researcher? your and/or your institution's role with the student researcher and t (e.g. supervised use of equipment on site without ongoing mentorship //	■ Yes	□ No					
b. If yes, complet	e questions 2 – 5.							
Use questions 3, 4	earch project a subset of your ongoing research or work? and 5 to detail how the student's project was similar and/or oing research or work at your site.	☐ Yes	■ No					
a. developed the Catherine developed an adverse drug eve into testable hypothe associated with statil cytochrome P450 (C scope of her study.	hypotheses or engineering goals for the research project the hypotheses or engineering goals for the research project the her research idea regarding interstitial lung disease (ILD) as the (ADE) of statins based on previous discussions in the lab teses. Moreover, Catherine proposed to examine pathways the hinduced ILD and to study the binding of other compounds to the hermal catherine determined the goals and the hethodology for his/her research project							
Catherine immersed hersel approaches to evaluate the Catherine was new to compand continuously applied vaproject. When necessary, sindependent in accessing vassociated with statin-induction	If in literature in order to design and employ suitable bioinformatics and statistical a ADE of ILD as a result of the administration or co-administration of statins. While putational and statistical tools in my lab, within days, she learned these techniques arious methods in order to solve problems that she faced during the course of the she modified or wrote algorithms for statistical calculations. Catherine was various databases and designing the methodology to examine pathways cod ILD and to study the binding of compounds to CYP enzymes.							

few days, Catherine was able to independently collect and analyze computational and statistical data to evaluate ILD as an ADE of statin administration or co-administration. Catherine was also independent in analyzing and interpreting data to propose pathways potentially associated with statin-induced ILD and to examine binding of other compounds to CYP enzymes. Catherine was highly proficient in data analyses and interpretation.

Catherine independently performed the analyses and interpretation of computational and statistical results. Catherine was initially taught how to access databases and run algorithms for statistical calculations. Within a

mierpretation.

(Continued on next page)

Regulated Research Institutional/Industrial Setting Form (1C) Continued

St	udent's Name(s)	Catherine Kim	*		-x				
4.		t's role in conducting the rentiate what the studen							
	computational effects of stati compounds. S pathways pote addition, she a	ining, Catherine was experiments in orde ns either alone or when also employed be entially associated was applied computations cytochrome P450. (Jently.	er to statisticall nen co-admini ioinformatics a ith adverse eff al methods to	ly exam stered v approac fects of study th	ine the adv vith other hes to iden statins. In e binding o	rerse tify of			i ge
						d			
			2						
ō.	If yes, how many in	work on the project as p ndividuals were in the gro e students, faculty, profes	oup and who were		g. high school			□ Yes	■ No
_									
	institutional regula I further acknowle	ident has conducted the vitory board (IRB/IACUC/ dge that the student will egarding any requiremen	IBC) has been ob be presenting thi	tained. Co s work pu	opies are atta iblicly in comp	ched if appli petition and	cable. I have co		d with the
	Nicholas Tator		11					Professor	

Department of Biomedical Informatics, Department of Systems Biology, & Department of Medicine, Columbia University, 622 West 168th St. PH20, New York, NY 10032

Signature

Supervising Adult's Printed Name

Columbia University

Address

Title

Date Signed (must be after experi-

mentation) (mm/dd/yy) nick latonetti@columbia.edu / 212-305-9104

Email/Phone