Approval Form (1B)
A completed form is required for each student, including all team members.

## 1. To Be Completed by Student and Parent a. Student Acknowledgment:

<ul> <li>I understand the risks and possible</li> <li>I have read the ISEF Rules and Guid research.</li> <li>I have read and will abide by the fo</li> </ul>	delines and wil	l adh	ere to all International I		conducting this
Student researchers are expected to maintain to are not condoned at any level of research or co or presentation of other researcher's work as o competition in affiliated fairs and ISEF.	mpetition. Suc	h pra	ctices include but are no	t limited to	plagiarism, forgery, use
Sparithould Xempromos	1a	To the	Perse	9- :	30-19
Student's Printed Name  b. Parent/Guardian Approval: I have rea	Signature	and tl	he risks and possible da	(Must be p	owledged (mm/dd/yy) prior to experimentation.) yed in the
Research Plan/Project Summary. I con					
Antrovia Yenguantos	M	u		9-3	30-19
	Signature /		-		owledged (mm/dd/yy) prior to experimentation.)
(Required for projects requiring prior SRC/IRB APPROV  a. Required for projects that need prior SRC/IRB approval BEFORE experimentation (humans, vertebrates or potentially hazardous biological agents).  The SRC/IRB has carefully studied this project's Research Plan/ Project Summary and all the required forms are included. My signature indicates approval of the Research Plan/Project Summary before the student begins experimentation.		OR	b. Required for researd Institutions with no This project was conducte (not home or high school, proper institutional board	esearch conducted at all Regulated Research ith no prior fair SRC/IRB approval.  Inducted at a regulated research institution chool, etc.), was reviewed and approved by the board before experimentation and complies.  Attach (1C) and any required institutional	
SRC/IRB Chair's Printed Name			SRC Chair's Printed Name	2	
Signature Date of Approva (Must be prior to exp			Signature	Da (Ma	te of Signature (mm/dd/yy) y be after experimentation)
3. Final ISEF Affiliated Fair SRC App	roval (Re	- quir	ed for ALL Project	:s)	
SRC Approval After Experimentation and Before C I certify that this project adheres to the approved R	-	_		h all ISEF Rule	25.

SRC Approval After Experimentation and Before Competition at Regional/State/National Fair I certify that this project adheres to the approved Research Plan/Project Summary and complies with all ISEF Rules.				
Regional SRC Chair's Printed Name	Signature	Date of Approval (mm/dd/yy)		
State/National SRC Chair's Printed Name (where applicable)	Signature	Date of Approval (mm/dd/yy)		

Approval Form (1B)
A completed form is required for each student, including all team members.

## 1. To Be Completed by Student and Parent

- a. Student Acknowledgment:
  - I understand the risks and possible dangers to me of the proposed research plan.
  - I have read the ISEF Rules and Guidelines and will adhere to all International Rules when conducting this research.

I nave read and will abide b	y the following Ethics s	tate	ment
are not condoned at any level of resear	ch or competition. Such	pra	ds of honesty and integrity. Scientific fraud and misconduct ctices include but are not limited to plagiarism, forgery, use cation of data. Fraudulent projects will fail to qualify for
kgityn Clarke	Jaittyr C	<u>Gvr</u>	ke 10/01/19
Student's Printed Name  b. Parent/Guardian Approval: I h Research Plan/Project Summa			Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.) he risks and possible dangers involved in the articipating in this research.
Linda Clarke	Legar	KQ.	10/01/19
Parent/Guardian's Printed Name	Signature		Date Acknowledged (mm/dd/yy) (Must be prior to experimentation.)
Required for projects that need prior SRC/IRB approval     BEFORE experimentation (humans, vertebrates or potentially hazardous biological agents).  The SRC/IRB has carefully studied this project's Research Plan/		OR	<ul> <li>b. Required for research conducted at all Regulated Research Institutions with no prior fair SRC/IRB approval.</li> <li>This project was conducted at a regulated research institution (not home or high school, etc.), was reviewed and approved by the</li> </ul>
BEFORE experimentation (humans, vertebrates or potentially hazardous biological agents).		OR This project (not home proper instance) with the IS	Institutions with no prior fair SRC/IRB approval.  This project was conducted at a regulated research institution
			proper institutional board before experimentation and complies with the ISEF Rules. Attach (1C) and any required institutional approvals (e.g. IACUC, IRB).
			SRC Chair's Printed Name
			Signature Date of Signature (mm/dd/yy) (May be after experimentation)
3. Final ISEF Affiliated Fair SR	C Approval (Red	uir Juir	red for ALL Projects)
SRC Approval After Experimentation and I certify that this project adheres to the ap	-	-	
Regional SRC Chair's Printed Name	Signature		Date of Approval (mm/dd/yy)

SRC Approval After Experimentation and Before Competition at Regional/State/National Fair I certify that this project adheres to the approved Research Plan/Project Summary and complies with all ISEF Rules.				
Regional SRC Chair's Printed Name	Signature	Date of Approval (mm/dd/yy)		
State/National SRC Chair's Printed Name (where applicable)	Signature	Date of Approval (mm/dd/yy)		