





# RESEARCH

ORGANIZATION: 0001002770000

Budget Type\*:  Project  Award/Consortium

Organization: The

Start Date\*: 06-01-201

**C. Equipment Description**

List item

Equipment Item	Funds Requested (\$)
Total funds requested for all equipment listed in the attach	
<b>Total Equipment</b>	<b>0.00</b>

Additional Equipment: File Name:

**D. Travel**

	Funds Requested (\$)
1. Domestic Travel Costs (incl. Car)	
2. Foreign Travel	
<b>Total Travel Cost</b>	<b>0.00</b>

**E. Participants**

1. Tuition	
2. Stipend	
3. Travel	
4. Subsistence	
5. Other	
<b>Number of Participants/Trainees</b>	<b>Total Participants</b>

RESEARCH RELATED DOCUMENTS: [http://www.fox.com](#)

# RESEARCH & RELATED BUDGET - SECTIONS

ORGANIZATIONAL DUNS: 00010027R3952770000

Budget Type:

Organization: The University of North Carolina at Chapel Hill

Start Date\*: 06-01-2019

End Date\*: 05-31-2020

Budget Period: 1

Direct Costs	
1. Materials and Supplies	
2. Publication Costs*	
3. Consultant Fees	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractual Costs	
6. Equipment or Facility Rental Fees	
7. Alterations and Renovations	
<b>Total Other Direct Costs</b>	
15,960.00	

<b>G. Direct Costs (A, B, C, D, E, F, G)</b>	
<b>Total Direct Costs</b>	

H. Indirect Costs			
Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested (\$)
1. All Direct Costs	55.5	50,000.00	27,750.00
<b>Total Indirect Costs</b>			27,750.00

Cognizant Federal Agency Name, POC Name, and POC Phone Number

<b>Total Direct and Indirect Institutional Costs (G + H)</b>	
77,750.00	

<b>J. Fee</b>	<b>Funds Requested (\$)</b>
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<b>K. Total Costs and Fee</b>	<b>77,750.00</b>
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<b>L. Budget</b>	(Only attach one file.)
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RESEARCH & RELATED BUDGET (F, K) (Funds Requested)



# RESEARCH SECTION C, D, & F Budget Period 2

ORGANIZATIONAL DUNS\* 6081954277000

Budget Type\*:  Project

Organization: The

Sta

### C. Equipment Description

List item

Equipment Item

Funds Requested (\$)

Total funds requested for all items listed in the attached file

Total Equipment 0.00

Additional Equipment: File Name:

### D. Travel

Funds Requested (\$)

- 1. Domestic Travel Costs (incl. Call, and U.S. Possessions)
- 2. Foreign Travel Costs

Total Travel Cost 0.00

### E. Participant

1. Health Insurance

2. Stipends

3. Travel

4. Subsistence

5. Other:

Number of Participant

RESEARCH RELATED B

## RESEARCH & RELATED SUBJECT SECTIONS, Budget Form

ORGANIZATION: **UNIVERSITY OF NORTH CAROLINA**

Budget Type:  Project  Subaward Consortium

Organization: The University of North Carolina

Start Date\*: 06-01-2018 End Date: 05-31-2021 Budget Year: 2018

Direct Costs	Funds
1. Materials and Supplies	
2. Publication Costs*	
3. Consultant Services	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractual Costs	
6. Equipment or Facility Rental/User Fees	
7. Alterations and Renovations	
<b>Total Other Direct Costs</b>	

<b>G. Direct Costs</b>	<b>Total Direct Costs (A thru F)</b>	<b>50,000.00</b>
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H. Indirect Costs			
Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds requested (\$)
1. All Direct Costs	55.5	50,000.00	27,750.00
<b>Total Indirect Costs</b>			<b>27,750.00</b>

Cognizant Federal Agency Name, POC Name, and POC Phone Number

<b>I. Total Direct and Indirect Institutional Costs (G + H)</b>	<b>77,750.00</b>
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<b>J. Fee</b>	<b>Funds Requested (\$)</b>
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<b>K. Total Costs and Fee</b>	<b>77,750.00</b>
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<b>L. Budget</b>	<b>(Only attach one file.)</b>
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RESEARCH & RELATED SUBJECT SECTIONS (F, K) (Funds Requested)







# RESEARCH & RELATED BUDGET

ORGANIZATIONAL DUNS\*: 6081952770000

BUSINESS TYPE:

Organization: The

Start Date: 1/1/2018 End Date: 1/31/2018

## F. Other Direct Costs

1. Materials and Supplies	15,960.00
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Subawards/Conventions/Contractual Calls	
6. Equipment or Facility Rental/Consumables	
7. Alterations and Renovations	
<b>Total Other Direct Costs</b>	

## G. Direct Costs

**Total Direct Costs (A thru F) 50,000.00**

## H. Indirect Costs

Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested
1. All Direct Costs	55.5	50,000.00	27,750.00
<b>Total Indirect Costs</b>			<b>27,750.00</b>

Cognizant

(Agency Name, PC)

## I. Total Direct and Indirect Costs

**Funds Requested (\$):**

**Total Direct and Indirect Costs**

## J. Fee

## K. Total Cost

**77,750.00**

## L. Budget Justification\*

File Name:

(Only attach one file)



# RESEARCH & RELATED BUDGET

ORGANIZATIONAL DUNS\*: 6081952770

Budget Type\*:  Project

Organization: The University of North Carolina at Chapel Hill

Start Date:

**C. Equipment Depreciation**

List of equipment items requested for purchase:

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file	
<b>Total Equipment</b>	

Additional Equipment:  File

**D. Travel**

Category	Funds Requested (\$)
1. Domestic Travel Costs (within Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel	
<b>Total Travel Cost</b>	
	<b>0.00</b>

**E. Personnel Support**

- Tuition/Fees/Health Insurance
- Stipends
- Travel
- Subsistence
- Other

**Number of Participants**

RESEARCH & RELATED Budget (C-E) Funds Requested

# RESEARCH & RELATED BUDGET SECTIONS

ORGANIZATIONAL UNIT

Budget Type:  Project  Subaward  Consortium

Organization

Start Date\*: 06-01-2022

End Date\*: 05-31-2023

Budget Period: 4

## F. Other Direct Costs

1. Materials	
2. Publication Costs*	
3. Consultant Services	
4. ADP/Computer Services	
5. Subaward	
6. Equipment or Facility Use, Rental, Rec. Fees	
7. Alteration	

## G. Direct Costs

Total Direct Costs (A thru F) 50,000.00

## H. Indirect Costs

Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested
1. All Direct Costs	5%	2,500.00	27,750.00
<b>Total Indirect Costs</b>			<b>27,750.00</b>

Cost Center: East Federal Agency

(Agency Name, POC Name, etc.)

## I. Total Direct and Indirect Costs

Total Direct and Indirect Costs

## J. Fee

Funds Requested (\$)\*

## K. Total Costs and Fee

Funds Requested

77,750.00

## L. Budget Justification

MAID COM 2019 UNC BUDGET JUSTIFICATION.pdf

(Only attach the file)

RESEARCH & RELATED Budget (F-K) (Funds Requested)



# RESEARCH & RELATED BUDGET

ORGANIZATIONAL DUNS\*: 6081952770

Budget Type\*:  Project

Organization: The University of North Carolina at Chapel Hill

Start Date:

**C. Equipment Depreciation**

List of equipment items to be depreciated:

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file	
<b>Total Equipment</b>	0.00

Additional Equipment:  File

**D. Travel**

Category	Funds Requested (in \$)
1. Domestic Travel Costs (including Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel	
<b>Total Travel Cost</b>	0.00

**E. Personnel Support**

1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other	
<b>Number of Participants</b>	

RESEARCH & RELATED Budget (C-E) Funds Requested



# RESEARCH & RELATED BUDGET SECTIONS

ORGANIZATIONAL UNIT

Budget Line: Project Subaward Consortium

Organization

Start Date\*: 06-01-2023

End Date\*: 05-31-2024

## F. Other Direct Costs

- 1. Materials
- 2. Publication Costs\*
- 3. Consultant Services
- 4. ADP/Computer Services
- 5. Subaward
- 6. Equipment or Facility Use, Rental, Rec. Fees
- 7. Alteration

## G. Direct Costs

Total Direct Costs (A thru F) 50,000.00

## H. Indirect Costs

Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested
1. All Direct Costs	5%	2,500.00	27,750.00
<b>Total Indirect Costs</b>			<b>27,750.00</b>

Cost Center: East Federal Agency

(Agency Name, POC Name, etc.)

## I. Total Direct and Indirect Costs

Total Direct and Indirect Costs

## J. Fee

Funds Requested (\$)\*

## K. Total Costs and Fee

Funds Requested

77,750.00

## L. Budget Justification

MAID COM 2019 UNC BUDGET JUSTIFICATION.pdf

(Only attach one file)

RESEARCH & RELATED Budget (F-K) (Funds Requested)





**F. Other**

*Materials and Supplies*

recombinant enzymes, miscellaneous supplies, program to recover recombinant viruses and maintain cell culture, perform virus tropisms by immunohistochemistry. In addition, personnel, apparatus (PAC)

**H. Indirect Costs**

In an agreement with DHHS dated 11/23/2016 the indirect cost rate for The University of

55.5% of MTDC, excluding equipment and tuition.

## RESEARCH & RELATED BUDGET - Cumulative Budget

	Totals (\$)	
Section A, Personnel		101,250.00
Section B, Other Personnel		66,105.00
Total Number Other Personnel	5	
Total Salary, wages and benefits		170,200.00
Section C, Equipment		0.00
Section D, Travel		0.00
1. Domestic	0.00	
2. Foreign	0.00	
Section E, Participant/Trainee Support Costs		0.00
1. Tuition/Fees/Health Insurance	0.00	
2. Stipend	0.00	
3. Travel	0.00	
4. Subsistence	0.00	
5. Other	0.00	
6. Number of Participants/Trainees	0	
Section F, Other Direct Costs		79,800.00
1. Materials	79,800.00	
2. Publication Costs	0.00	
3. Consultant Services	0.00	
4. ADP/Computer Services	0.00	
5. Subawards/Consortium Costs	0.00	
6. Equipment or Facility Rental/User Fees	0.00	
7. Alterations and Repairs	0.00	
8. Other 1	0.00	
9. Other 2	0.00	
10. Other 3	0.00	
Section G, Direct Costs (A thru F)		250,000.00
Section H, Indirect Costs		138,750.00
Section I, Total Direct and Indirect Costs (G + H)		388,750.00
Section J, Fee		0.00
Section K, Total Costs and Fee (I + J)		388,750.00



# RESEARCH & RELATED BUDGET

ORGANIZATIONAL UNITS\* 5290274740000

Budget:  Project  Subaward/C

Organization

Start Date\*: 06-01-2019

End Date: 05-31-2020

Budget Period: 1

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: <b>0.00</b>	

Additional Equipment: File Name:

**D. Travel**

Travel Category	Funds Requested (\$)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

Participant Support Category	Funds Requested (\$)
1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other:	
<b>Number of Participants/Travelers</b>	

RESEARCH & RELATED Budget (C-E) (Funds Requested)

# RESEARCH & RELATED BUDGET - SECTIONS E, F, G, H, I, J, K, L

ORGANIZATIONAL DUNS: 08027470000

Budget Type: [Redacted]

Organization: Wuhan Institute of Virology

Start Date\*: 06-01-2019

End Date\*: 05-31-2020

Budget Period: 1

Cost Category	Amount
1. Materials and Supplies	
2. Publication Costs*	
3. Consultant Fees*	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractual Costs	
6. Equipment or Facility Rental/Lease Fees	
7. Alterations and Renovations	
<b>Total Other Direct Costs</b>	<b>48,668.00</b>

<b>G. Direct Costs (A, B, C, D, E, F, G)</b>	<b>48,668.00</b>
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Indirect Cost Type	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested (\$)
1. Direct Costs	0.0		
<b>Total Indirect Costs</b>			<b>5,652.00</b>

Cognizant Federal Agency Name, POC Name, and POC Phone Number

<b>Total Direct and Indirect Institutional Costs (G + H)</b>	<b>54,320.00</b>
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<b>J. Fee</b>	<b>Funds Requested (\$)</b>
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<b>K. Total Costs and Fee</b>	<b>54,320.00</b>
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<b>L. Budget</b>	(Only attach one file.)
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RESEARCH & RELATED BUDGET (F, K) (Funds Requested)



# RESEARCH & RELATED BUDGET SECTION C,

ORGANIZATION: **GRANT12743073**

Budget:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2020

End Date\*: 05-31-2021

Budget Period: 2

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: <b>0.00</b>	

Additional Equipment: File Name:

**D. Travel**

Travel Category	Funds Requested (\$)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

Participant Support Category	Funds Requested (\$)
1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other:	
<b>Number of Participants/Travelers</b>	

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)



**RESEARCH & RELATED BUDGET - SECTIONS**

ORGANIZATIONAL DUNS\*: 5290274740000

Budget Type\*:  Project  Subaward  Consortium

Organization: [Redacted]

Start Date\*: 06-01-2018 End Date\*: 05-31-2021

F. Other Costs	Funds Requested
1. Materials	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Scholarships/Grants/Contractual/Confactor Cos	
6. Equipment or Supplies	
7. Alteration/Repairs/Renovations	
<b>Total Other Costs</b>	

G. Direct Costs	Funds Requested
<b>Total Direct Costs (A thru F)</b>	70,648.00

H. Indirect Costs	Indirect Cost Rate (%)	Indirect Costs	Funds Requested
1. Direct Costs	8.0	70,648.00	5,652.00
<b>Total Indirect Costs</b>			<b>5,652.00</b>

Agency Name, POC Name: [Redacted]

I. Total Direct and Indirect Costs	Funds Requested (\$)
<b>Total Direct and Indirect Costs (G + H)</b>	<b>76,300.00</b>

J. Fee	Funds Requested

K. Total Costs and Fee	Funds Requested
	<b>76,301.00</b>

**L. Budget Justification\*** File Name: NIAID\_COV\_2019\_WB\_BUDGET\_JUSTIFICATION.pdf  
(Only attach one file.)

RESEARCH & RELATED Budget (E-K) (Funds Requested)



# RESEARCH & RELATED BUDGET

ORGANIZATION: **5290274740000**

Budget Type:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2021

End Date\*: 05-31-2022

Budget Period: 3

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: <b>0.00</b>	
<b>Additional Equipment:</b>	<b>File Name:</b>

**D. Travel**

	Funds Requested (\$*)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel Costs	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

	Funds Requested (\$*)
1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other:	
<b>Number of Participants/Travelers</b>	

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)

**RESEARCH & RELATED BUDGET**

ORGANIZATIONAL DUNS\*: 5290274740000

Budget Type\*:  Project  Subaward/Consortium

Organization: [NIH Institute of Virology](#)

Start Date\*: 06-01-2021

End Date\*: 05-31-2022

Budget Period: 3

F. Other Direct Costs	Funds Requested (\$)*
1. Materials	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractor Costs	
6. Equipment or Facility Rental Costs	
7. Alterations and Renovations	

G. Direct Costs	Funds Requested (\$)*
<b>Total Direct Costs (A thru F)</b>	<b>70,649.00</b>

H. Indirect	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds requested (\$)
1. Direct Costs	8.00	70,649.00	5,652.00
<b>Total Indirect Costs</b>			<b>5,652.00</b>

Cognizant Federal Agency  
(A)

I. Total Direct and Indirect Costs	Funds Requested (\$)*
<b>Total Direct and Indirect Institutional Costs (G + H)</b>	<b>76,301.00</b>

J. Fee	Funds Requested (\$)*

K. Budget	Funds Requested (\$)*

L. Budget	Funds Requested (\$)*
NIAID_COV	
(Only attach one file)	

RESEARCH & RELATED Budget (Funds Requested)



# RESEARCH & RELATED BUDGET SECTION C,

ORGANIZATION: **5290274740000**

Budget:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2022 End Date\*: 05-31-2023 Budget Period: 4

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: <b>0.00</b>	
Total Equipment: <b>0.00</b>	

Additional Equipment: File Name:

**D. Travel**

Travel Category	Funds Requested (\$)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

Participant Support Category	Funds Requested (\$)
1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other:	
<b>Number of Participants/Travelers</b>	

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)

RESEARCH & RELATED BUDGET SECURITY PLAN, Budget Period

ORGANIZATION: NIAID\_COV\_2019\_WIV\_BUDGET\_JULY\_2018

Budget Period: 07/01/2018 - 06/30/2022

Organization: Wuhan Institute of Virology

Start Date\*: 06-01-2022

**F. Other Direct Costs**

Item	Amount
1. Materials	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer	
5. Contractual Costs	
6. Equipment or Facility Rental/User Fees	
7. Alterations and Renovations	
<b>Total Direct Costs</b>	<b>48,669.00</b>

**G. Direct Costs**

<b>Total Direct Costs (A thru F)</b>	<b>70,649.00</b>
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**H. Indirect Costs**

Indirect Cost Type	Indirect Cost Rate (%)	Amount	Total
1. Direct Costs	8.0	70,648.00	5,651.84
<b>Total Indirect Costs</b>			<b>5,652.00</b>

**Cognizant Federal Agency**  
(Agency Name, POC Name, and POC Phone Number)

**I. Total Direct and Indirect Costs**

<b>Total Direct and Indirect Institutional Costs (G + H)</b>	<b>76,301.00</b>
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**J. Fee**

Amount	
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**K. Total**

Amount	<b>76,301.00</b>
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**L. Budget**

NIAID\_COV\_2019\_WIV\_BUDGET\_JULY\_2018  
(Only attach one file.)





# RESEARCH & RELATED BUDGET SECTION C, D, E

ORGANIZATION: [REDACTED] 5290274740000

Budget:  Project  Subaward/C

Organization: [REDACTED]

Start Date\*: 06-01-2023

End Date\*: 05-31-2024

Budget Period: 5

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: [REDACTED]	
<b>Total Equipment</b>	[REDACTED]

Additional Equipment: File Name: [REDACTED]

**D. Travel**

Travel Category	Funds Requested (\$)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	[REDACTED]
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	4,314.00

**E. Participant Travel Support Costs**

Participant Support Category	Funds Requested (\$)
1. Tuition/Fees/Health Insurance	[REDACTED]
2. Stipends	[REDACTED]
3. Travel	[REDACTED]
4. Subsistence	[REDACTED]
5. Other:	[REDACTED]
<b>Number of Participants/Travelers</b>	[REDACTED]

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)

**RESEARCH & RELATED BUDGET**

ORGANIZATIONAL DUNS\*: 5290274740000

Budget Type\*:  Project  Subaward/Consortium

Organization: [NIH Institute of Virology](#)

Start Date\*: 06-01-2023

End Date\*: 05-31-2024

Budget Period: 5

F. Other Direct Costs	Funds Requested (\$)*
1. Materials	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractor Costs	
6. Equipment or Facility Rental Costs	
7. Alterations and Renovations	

G. Direct Costs	Funds Requested (\$)*
<b>Total Direct Costs (A thru F)</b>	<b>70,649.00</b>

H. Indirect	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds requested (\$)
1. Direct Costs	0.00	70,649.00	5,652.00
<b>Total Indirect Costs</b>			<b>5,652.00</b>

Cognizant Federal Agency  
(A)

I. Total Direct and Indirect Costs	Funds Requested (\$)*
<b>Total Direct and Indirect Institutional Costs (G + H)</b>	<b>76,301.00</b>

J. Fee	Funds Requested (\$)*

K. Budget	Funds Requested (\$)*

L. Budget	Funds Requested (\$)*
NIAID_COV	
(Only attach one file)	

RESEARCH & RELATED Budget (Funds Requested)



In vitro Infection Experiment

We are requesting support for *in vitro* infection experiments using pseudoviruses carrying the spike protein (wild type or mutants) or live virus. We are conducting experiments to determine the interactions between the spike proteins (wild type or mutants) and different cellular receptor molecules and humanized mouse experiments. In each year of the project, we request \$1,040 for Lipo-Dectamine 3000, \$3,612 for GIBCO Fetal Bovine Serum, \$517 for GIBCO medium, and \$6,000 for cell lines, in total of \$8,639 per year.

Luciferase Immunoprecipitation System (LIPS) Assay

We are requesting support for LIPS assays to detect interactions between spike proteins and cellular receptors. We are requesting support for ANTI-FLAG(R) M2 antibody; \$5,636 for Renilla Luciferase Assay System, \$2,100 for Microplate Reader, \$578 for 96-well plates, and \$1,000 for PCR Tube Strips.

The Enzyme-Linked Immunosorbent Assay (ELISA)

We also request \$2,312 to support the serological testing of 1,000 bat serum samples per year with ELISA plates, at the cost of \$2.31 per sample.

**E. Indirect**

We are requesting an extremely low indirect cost of 0% on an indirect basis.

## RESEARCH & RELATED BUDGET - Cumulative Budget

	Totals (\$)	
Section A, Personnel		88,885.00
Section B, Other Personnel		0.00
Total Number Other Personnel	0	
Total Salary, wages and benefits		88,885.00
Section C, Equipment		0.00
Section D, Travel		21,570.00
1. Domestic	0.00	
2. Foreign	21,570.00	
Section E, Participant/Trainee Support Costs		0.00
1. Tuition/Fees/Health Insurance	0.00	
2. Stipend	0.00	
3. Travel Level	0.00	
4. Subsistence	0.00	
5. Other	0.00	
6. Number of Participants/Trainees		
Section F, Other Direct Costs		243,340.00
1. Materials	0.00	
2. Publication Costs	0.00	
3. Consultant Services	0.00	
4. ADP/Computer Services	0.00	
5. Subawards/Consortium Costs	0.00	
6. Equipment or Facility Rental/User Fees	0.00	
7. Alterations and Repairs	0.00	
8. Other 1	0.00	
9. Other 2	0.00	
10. Other 3	0.00	
Section G, Direct Costs (A thru F)		353,245.00
Section H, Indirect Costs		28,260.00
Section I, Total Direct and Indirect Costs (G + H)		381,505.00
Section J, Fee		0.00
Section K, Total Costs and Fee (I + J)		381,505.00



# RESEARCH & RELATED BUDGET SUBOL, JOURNAL OF, U.S. Budget, United States

ORGANIZATION: **PERSONAL FUNDS\*** 5281563570000

Budget:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2019

End Date: 11-2020

Budget Period: 1

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: <b>0.00</b>	

Additional Equipment: File Name:

**D. Travel**

	Funds Requested (\$*)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

	Funds Requested (\$*)
1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other:	
<b>Number of Participants/Travelers</b>	

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)



## RESEARCH & RELATED

ORGANIZATIONAL DUNS\*: 5281500070000

Budget Type\*:  Pre

Start Date\*: 06-01-2019

End Date\*: 05-31-2020

Budget Period: 1

### F. Other Direct Costs

1. Materials
2. Publication Costs
3. Consultant Services
4. ADP/Computer Services
5. Subawards/Consortium/Contractual Costs
6. Equipment Rental/User Fees
7. Alterations and Renovations

Total Other Direct Costs 48,600.00

Total Direct Costs (A thru F) 75,600.00

### H. Indirect Costs

Indirect Cost Type	Indirect Cost Rate	Cost Base (\$)	Funds Requested
1. Direct Costs	8.0	70,000.00	5,600.00
<b>Total Indirect Costs</b>			<b>5,600.00</b>

Agency Name, POC Name, and POC Phone Number

### I. Total Direct and Indirect Costs

Total Direct and Indirect Institutional Costs (G + H) 81,200.00

### J. Fee

### K. Total Costs and Fees

Funds Requested (\$) 81,200.00

### L. Budget Justification\*

File Name:  
 NIAID\_COV\_2019\_IPB\_BUDGET\_JUSTIFICATION.pdf  
 (Only)

RESEARCH & RELATED Budget (F-K) Requested





# RESEARCH & RELATED BUDGET SECTION C,

ORGANIZATION: **PERSONAL FUNDS\*** 5281563570000

Budget:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2020

End Date\*: 05-31-2021

Budget Period: 2

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: [REDACTED]	
<b>Total Equipment</b>	[REDACTED]

Additional Equipment: File Name: \_\_\_\_\_

**D. Travel**

Travel Category	Funds Requested (\$*)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	[REDACTED]
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	4,314.00

**E. Participant Travel Support Costs**

Participant Support Category	Funds Requested (\$*)
1. Tuition/Fees/Health Insurance	[REDACTED]
2. Stipends	[REDACTED]
3. Travel	[REDACTED]
4. Subsistence	[REDACTED]
5. Other:	[REDACTED]
<b>Number of Participants/Travelers</b>	[REDACTED]

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)

RESEARCH & RELATED BUDGET

ORGANIZATIONAL DUNS\*: 528

Budget Type:  Project  Subaward  Consortium

Start Date\*: 06-01-2018

F. Other Institutional Costs	Funds Requested (\$)
1. Materials	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Subaward Consortium	
6. Equipment or Facility Rental/ User Fees	
7. Alteration/ Renovations	
<b>Total Other Institutional Costs</b>	

<b>G. Direct Costs</b>	<b>Total Direct Costs (A thru F)</b>	<b>70,000.00</b>
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H. Indirect Costs	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds Requested (\$)
1. Direct Costs	0.0	70,000.00	5,000.00
<b>Total Indirect Costs</b>			<b>5,000.00</b>

Cognizant Federal Agency:   
 (Agency Name, and)

<b>Total Direct and Indirect Institutional Costs (G + H)</b>	<b>75,000.00</b>
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<b>J. Fees</b>	<b>Funds Requested (\$)</b>
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<b>K. Total Costs and Fees</b>	<b>75,600.00</b>
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**L. Budget Justification\*** File Name: NIAID\_COV\_2019  
 (Only attach one file.)

RESEARCH & RELATED Budget (E-K) (Funds Requested)



# RESEARCH & RELATED BUDGET SUBMISSIONS

ORGANIZATION: **PERSONAL FUNDS\*** 5281563570000

Budget:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2021

End Date\*: 05-31-2022

Budget Period: 3

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: <b>0.00</b>	
<b>Additional Equipment:</b>	<b>File Name:</b>

**D. Travel**

	Funds Requested (\$*)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	
2. Foreign Travel Costs	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

	Funds Requested (\$*)
1. Tuition/Fees/Health Insurance	
2. Stipends	
3. Travel	
4. Subsistence	
5. Other:	
<b>Number of Participants/Travelers</b>	

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)

**RESEARCH & RELATED BUDGET**

ORGANIZATIONAL DUNS\*: 52815635  
 Budget Type\*:  Project  Subaward/Consortium  
 Organization: Institute of Pathogen Biology

Start Date\*: 06-01-2021 End Date\*: 05-31-2022 Budget Period: 3

F. Other Direct Costs	Funds Requested (\$)*
1. Materials	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	
5. Subawards/Consortium/Contractor Costs	
6. Equipment or Facility Rental/Use Fees	
7. Alterations and Renovations	

G. Direct Costs	Funds Requested (\$)*
<b>Total Direct Costs (A thru F)</b>	<b>70,000.00</b>

H. Indirect	Indirect Cost Rate (%)	Indirect Cost Base (\$)	Funds requested (\$)
1. Direct Costs	8.00	70,000.00	5,600.00
<b>Total Indirect Costs</b>			<b>5,600.00</b>

Cognizant Federal Agency  
 (A)

I. Total Direct and Indirect Costs	Funds Requested (\$)*
<b>Total Direct and Indirect Institutional Costs (G + H)</b>	<b>75,600.00</b>

J. Fee	Funds Requested (\$)*

	<b>75,600.00</b>
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L. Budget
NIAID_CO
(Only attach one file)

RESEARCH & RELATED Budget (Funds Requested)



# RESEARCH & RELATED BUDGET SECTION C, D, E

ORGANIZATION: **PERSONAL FUNDS\*** 5281563570000

Budget:  Project  Subaward/C

Organization: [REDACTED]

Start Date\*: 06-01-2022 End Date\*: 05-31-2023 Budget Period: 4

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: [REDACTED]	
<b>Total Equipment</b>	[REDACTED]

Additional Equipment: File Name: [REDACTED]

**D. Travel**

Travel Category	Funds Requested (\$*)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	[REDACTED]
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	4,314.00

**E. Participant Travel Support Costs**

Participant Support Category	Funds Requested (\$*)
1. Tuition/Fees/Health Insurance	[REDACTED]
2. Stipends	[REDACTED]
3. Travel	[REDACTED]
4. Subsistence	[REDACTED]
5. Other:	[REDACTED]
<b>Number of Participants/Travelers</b>	[REDACTED]

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)



# RESEARCH & RELATED BUDGET - SECTIONS E-K

Budget Period: 4

ORGANIZATIONAL DUNS\*: 528033343570000

Budget Type\*:  Project  Subaward

Location: Institutional/Department

Start Date\*: 06-01-2023

End Date\*: 05-31-2024

Budget Period: 4

F. Other Direct Costs		Funds Requested (\$)*
1. Materials and Supplies		48,686.00
2. Publication Costs		
3. Consultant Services		
4. ADP/Computer Services		
5. Subawards/Consultants		
6. Equipment/Travel/User Fees		
7. Alterations and Renovations		
<b>Other Direct Costs</b>		<b>48,686.00</b>

<b>G. Direct Costs</b>		<b>Total Direct Costs (A thru F)</b>	<b>70,000.00</b>
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H. Indirect Costs		Indirect Cost	Funds Requested (\$)*
1. Direct Costs	0.00	70,000.00	5,600.00
<b>Total Indirect Costs</b>			<b>5,600.00</b>

Agency: East Federal Agency  
(Agency Name, POC Name, and Address)

<b>I. Total Direct and Indirect Costs</b>		<b>Total Direct and Indirect</b>	<b>75,600.00</b>
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<b>J. Fee</b>			
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<b>K. Total Costs</b>		<b>Total</b>	<b>75,600.00</b>
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**L. Budget Justification\***

File Name:  
NIAID\_COV\_2023\_IPB\_BUDGET JUL 2023

(Only for Subawards)

RESEARCH & RELATED BUDGET (E-K) (Funds Requested)



# RESEARCH & RELATED BUDGET SECTION C,

ORGANIZATION: **PERSONAL FUNDS\*** 5281563570000

Budget:  Project  Subaward/C

Organization:

Start Date\*: 06-01-2023

End Date\*: 05-31-2024

Budget Period: 5

**C. Equipment Description**

Equipment Item	Funds Requested
Total funds requested for all equipment listed in the attached file: [REDACTED]	
<b>Additional Equipment:</b>	<b>File Name:</b>

**D. Travel**

	Funds Requested (\$*)
1. Domestic Travel Costs (incl. Canada, Mexico, and U.S. Possessions)	[REDACTED]
2. Foreign Travel	4,314.00
<b>Total Travel Cost</b>	<b>4,314.00</b>

**E. Participant Travel Support Costs**

	Funds Requested (\$*)
1. Tuition/Fees/Health Insurance	[REDACTED]
2. Stipends	[REDACTED]
3. Travel	[REDACTED]
4. Subsistence	[REDACTED]
5. Other:	[REDACTED]
<b>Number of Participants/Travelers</b>	[REDACTED]

RESEARCH & RELATED BUDGET (C-E) (Funds Requested)

# RESEARCH & RELATED BUDGET - SECTIONS E-K

ORGANIZATIONAL DUNS\*: 528033343570000

Budget Type\*:  Project  Sub

Location: Institutional/Department

Start Date\*: 06-01-20

F. Other Direct Costs		Funds Requested (\$)*
1. Materials and Supplies		48,686.00
2. Publication Costs		
3. Consultant Services		
4. ADP/Computer Services		
5. Subawards/Consultants		
6. Equipment/Travel/User Fees		
7. Alterations and Renovations		
<b>Other Direct Costs</b>		<b>48,686.00</b>

<b>Total Direct Costs (A thru F)</b>		<b>70,000.00</b>
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H. Indirect		Indirect Cost	Funds Requested (\$)*
Indirect Cost Type			
1. Direct Costs	0.00	70,000.00	5,600.00
<b>Total Indirect Costs</b>			<b>5,600.00</b>

Agency: East Federal Agency  
(Agency Name, POC Name, and)

<b>Total Direct and Indirect</b>		<b>75,600.00</b>
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J. Fee		
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K. Total		<b>75,600.00</b>
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L. Budget Justification*	File Name: NIAID_COV_2019-20 IPB BUDGET JUL (Only)
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RESEARCH & RELATED Budget (E-K) (Funds Requested)