



25th January 2022

The National Health Research Committee
Federal Ministry of Health,
Abuja, Nigeria

Dear Sir / Madam,

INVESTIGATOR'S LETTER OF SUPPORT

I, Dr. Samson Pandam Salifu hereby express my support for the CAPIC-ACE proposed research on breast and prostate cancer led by Prof. E.E.J. Iweala, titled "**Detection of polymorphisms in cancer driver genes and their implications in breast and prostate cancer**".

As a co-Investigator in this research, I will provide my expertise and experience as a bioinformatician and trained medical scientist to achieve the aims of the proposed research which will of benefit to Nigerian population at large. I have worked closely with Prof Iweala and the research team for over 4 years at Covenant University and other cancer research platforms (CaPTC).

I therefore indicate my willingness to participate as a Co-Investigator in the proposed research.

Sincerely,

Samson Pandam Salifu (PhD)

Senior

Co-PI WASLITBRe and H3ABionet Node at KNUST, Ghana,

Email: sspandam@knust.edu.gh

Tel: +233549086608

YEAR 1 OF THE SUB-GRANT AGREEMENT entered into between COVENANT UNIVERSITY ("CU") and KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY ("KNUST")

1. INTRODUCTION

- 1.1. The parties concluded an agreement as approved in CAPIC-ACE Implementation Plan (IP) (see page 42 of the attached IP the) in terms of which, *inter alia*, CU is required in terms of the Grant to provide to the CAPIC-ACE including the Sub-Grantee, the Budget so as to allow the Sub-Grantee, KNUST to complete the deliverables ("the Sub-Grant Agreement").
- 1.2. The World Bank through the NUC has issued CU with the Grant Notice of Award for the ACE Impact Project
- 1.3. The parties accordingly wish to make provision for the payment of funds by CU to the Sub-Grantee for Year 1 of the Project and have thus agreed to enter into this Sub-Grant Agreement ("Year 1") to give effect thereto.

2. INTERPRETATION

- 2.1. The following terms shall have the meanings assigned to them hereunder and cognate expressions shall have a corresponding meaning, name:

- 2.1.1. "Year 1 Budget" means the amount awarded by WB to CU and thereafter made available by CU to the Sub-Grantee, so as to allow the Sub-Grantee to complete the Deliverables as more fully set out in the "Sub-Grantee Year Budget Schedule" attached hereto and marked **Annexure A1**;
- 2.1.2. "Year 1 Commencement Date" means, notwithstanding the Signature Date, **01 January 2022** as contemplated on the Grant;
- 2.1.3. "Year 1 Grant" means the grant awarded to CU by the WB, ACE Impact Project, in the amount of Eighteen Thousands Five Hundred USD (\$18,500) so as to allow CU to complete the Project, attached hereto and marked **Annexure C1**; and
- 2.1.4. "Year 1 Signature Date" means the date of signature by the party last signing this Year 1.

- 2.2. Notwithstanding clause 2.1 above, words and expressions defined in the Implementation Plan as attached shall have the same meanings in the Year 1, unless the context indicates otherwise.

3. YEAR 1 PROJECT FUNDS

- 3.1. The total amount payable to the Sub-Grantee for its performance during the period from the Year 1 Commencement Date to 31 December 2022 (both days inclusive) shall not exceed Eighteen Thousand Five Hundred USD (\$18,500). The Sub-Grantee is authorized to incur costs as articulated in the Year 1 Budget attached hereto and marked **Annexure A1 ("Sub-Grantee Year 1 Budget Schedule")**.
- 3.2. The Parties further acknowledge that the Year 1 Budget made available to the Sub-Grantee in terms of this Year 1 can be transferred on a "spend and claim" basis. Notwithstanding the aforesaid, Five Thousand USD (\$5000) of the Year 1 Budget will be made available immediately to the Sub-Grantee for the purpose of the purchase of some project start up items including: -20 C degree Freezer, 4 C degree Refrigerator, Centrifuge, after Year 1 Signature Date. The balance of the monies meant for year 1 shall be sorted in line with the project as to be concluded by both parties.
- 3.3. The Sub-Grantee shall also be required to comply with the following additional Deliverables as contemplated in the "**Year 1 Deliverable Schedule**" attached hereto and marked **Annexure B1**.

4. GENERAL

- 4.1. No variation of this Year 1 shall affect the terms hereof unless such a variation shall be reduced to writing and signed by each of the parties.
- 4.2. This Year 1 Addendum contains the entire agreement between the parties relating to the matters recorded herein and no party shall be bound by any undertakings, representations, warranties, promises or the like not recorded in the agreement.

5. COUNTERPARTS

This Year 1 agreement:

- 5.1. May be signed in one or more counterparts, all of which shall be considered one and the same agreement;
- 5.2. Shall become effective when a counterpart has been signed by each of the parties to this Year 1 agreement.

DATED AT

ON THIS DAY OF

2022

Prof Ezekiel Adebiyi, Covenant University, CApIC Center Director,

Signature:

Witness by;
DATED AT

ON THIS DAY OF

2022

Prof Emeka Iweala, Covenant University, CApIC Deputy Center Director,

Signature:

DATED AT KNUST, Kumasi

ON THIS 2ND DAY OF MARCH 2022

Prof. Philip Antwi-Agyei, Director, Office of Grants and Research, Kwame Nkrumah University of Science and Technology (KNUST)

Signature:

**DIRECTOR
OFFICE OF GRANTS AND RESEARCH
KNUST**

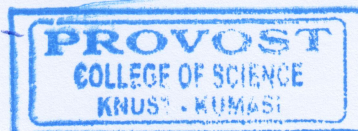
Witness by;

DATED AT

ON THIS 02 DAY OF MARCH 2022

Prof. Leonard Kofitse Amekudzi, Provost, College of Science, Kwame Nkrumah University of Science and Technology (KNUST)

Signature:



ANNEXURE AI

SUB-GRANTEE YEAR 1 BUDGET SCHEDULE

Approved Budget for year 1, 2022:

Budget Period: January – December 2022

Project Period: January 2019 – December 2024

Item	Year 1
Start up equipment purchases	\$ 5,000
Other Costs (training, samples, etc)	\$ 13,500
Total Direct Costs	\$ 18,500
	<hr/>
Total Costs	\$ 18,500
	<hr/>

ANNEXURE B1

CApIC-ACE DELIVERABLE LIST FOR YEAR 1

(please tick each box below)

	These deliverables are the responsibility of the partner site at KNUST	Tick
1.	The Project leader of the Partner Institution is responsible for communicating updates and announcements from CApIC-ACE to their Node members	✓
2.	The Project leader of the Partner Institution is responsible for submitting periodic reports and results by the due dates when they are requested.	✓
3.	The Project leader of the Partner Institution is responsible for administering the approved budget and overseeing the financial activities of the Node as per the approved budget	✓
4.	The Partner Institution must comply with CApIC-ACE publications, workshops and other related policies.	✓
5.	The Partner Institution must conduct the recruitment of cancer patients and biobanking of high-quality biospecimen for genomic studies.	✓
6.	The Partner Institution must supervise students on research related to understanding the genomic driver of Cancer in Africans	✓
7.	The Partner Institution will assist to organize, teach and mentor trainees in order to develop indigenous skilled manpower for Cancer Genomics	✓
8.	The Partner Institution will help establish a platform for continuous, sustainable and mutually beneficial research.	✓
9.	The Partner Institution are responsible for ensuring its objectives are achieved and reported in the progress report.	✓



January 27, 2022

The Vice-Chancellor,
Kwame Nkrumah University of Science and Technology,
Kumasi, Ghana

Re-Covenant Applied Informatics and Communication ACE (CApIC-ACE)

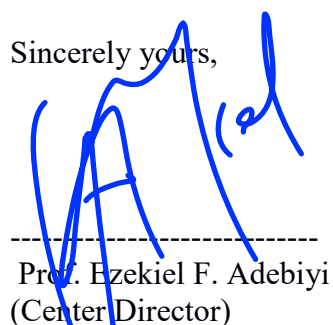
Covenant Applied Informatics and Communication Africa Centre of Excellence (CApIC-ACE) domiciled at Covenant University is one of the Centers selected to be funded by the World Bank for 2019 –2024 ACE-IMPACT. One of the focal projects of the CApIC-ACE focuses on the genomics of breast and prostate cancers among Nigerian populations.

Dr. Pandam Salifu of the Department of Biochemistry and Biotechnology at your institution is one of our collaborators, making your institution a partner towards fulfilling this objective.

Consequently, we wish to formally appreciate the gesture once again and to let you know that the part of the grant to be spent at your Institution is worth a total sum of \$18,500 which will be used for the purchase of -20°C Freezer, 4°C Refrigerator, Centrifuge, genomic profiling of qualified cancer patients for improved treatment outcome and to organize training with your institution. It will be expected that your Institution set apart a suitable place, where these facilities will be located. As part of sustaining activities at the laboratory for the funding period and beyond, CApIC-ACE will be working through the agreed annual work plan with your relevant Faculty and Staff to be led by Dr. Salifu to make this possible.

Please note that CApIC-ACE is now set to commence with the implementation process and would be needing the necessary assistance from your institution.

Sincerely yours,



Prof. Ezekiel F. Adebiyi
(Center Director)

Cc: Vice-Chancellor
The Registrar
Director, Financial Services
Deputy Centre Directors I & II



**Kwame Nkrumah
University of Science
and Technology, Kumasi**

College of Science

DEPARTMENT OF BIOCHEMISTRY AND BIOTECHNOLOGY

BC/S/10/VOL.1

23RD MARCH, 2022.

The Director
Covenant Applied Informatics and Communication Africa Centre of Excellent (CapIC-ACE)
Covenant University
Canaanland, KM10
Idiroko Road
Ota, Ogun State
Nigeria

Dear Sir,

URGENT REQUEST FOR FUNDS

I am writing to respectfully request an amount of Five Thousand US Dollars (\$5000.00) to enables us purchase -20°C Freezer, 4°C Refrigerator and a Centrifuge for CAPIC-ACE genomic profiling of breast and prostate cancer project at Kwame Nkrumah university of Science and Technology (KNUST), Kumasi, Ghana.

The equipment are urgently needed to enable us implement the project deliverables..

I hope my request will meet your kindest consideration.

Thank you.

Sincerely,

Pandam Salifu, PhD.

Senior Lecturer

PI, CapIC-ACE-KNUST

Email:sspandam@knust.edu.gh

Tel. 0209583359/0539086608



Kwame Nkrumah
University of Science
and Technology, Kumasi

College of Science

OFFICE OF THE PROVOST

8TH February, 2022

The Vice – Chancellor
Covenant University
Canaanland, Ogun State
Nigeria

**RE: RE-COVENANT APPLIED INFORMATICS AND COMMUNICATION ACE
(CApIC-ACE)**

With reference to your letter dated January 27, 2022, Kindly pay the grant worth \$18,500.00 into College of Science Account with the details as follows;

BANK DETAILS

Bank Name: **GCB Bank Ltd**
Account Name: **College of Science**
Account Number: **6031620001763**
Branch: **KNUST**
SWIFT CODE: **GHCBGHAC**

Mrs. Catherine Acquah
College Finance Officer



COVENANT UNIVERSITY BIOINFORMATICS RESEARCH (CUBRe) INTERNAL MEMO

TO: The Registrar
FROM: Prof. Ezekiel F. Adebisi (PD/PI CUBRe)
DATE: 24th March, 2022
SUBJECT: WASLITBRe: Transfer to KNUST, Ghana.

The above subject matter refers.

Kwame Nkrumah University of Science and Technology (KNUST), Ghana are expected to purchase a -20°C Freezer, a 4°C Refrigerator and a Centrifuge for CApIC-ACE research to work with us to meet Milestone 3 of DLR 4.3 meant for site visit: virtual and physical of the AAU and WB for next week. There is a major delay in transferring dollars fund from the NUC, reason why we need to do this from CUBRe to save us earning of \$300,000.

Attached is the copy of the request from the partner's site.

Kindly transfer the sum of \$5,000 (Five Thousand Dollars) only from our WASLITBRe account to the account details below:

BANK NAME: GCB Bank Ltd

ACCOUNT NAME: College of Science

ACCOUNT NUMBER: 6031620001763

BRANCH: KNUST

SWIFT CODE: GHCBGHAC

Thank you.

Ezekiel F. Adebisi (PhD)


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Priority/Delivery : Normal
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        LAGOS NG
Receiver : CITIUS33XXX
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        NEW YORK,NY US
SLA ID : 001
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23B: Bank Operation Code
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32A: Val Dte/Curr/Interbnk Settl'd Amt
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    Currency : USD (US DOLLAR)
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50F: Ordering Customer - ID
    /5070002387
    1/COVENANT UNIVERSITY
    2/KM10 IDIROKO ROAD CANAANLANDOTA O
    2/GUN STATEABEOKUTANGR
    3/NG/OTA
53A: Sender's Correspondent - FI BIC
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    ZENITH BANK PLC
    LAGOS NG
57A: Account With Institution - FI BIC
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    GCB BANK LIMITED
    ACCRA GH
59: Beneficiary Customer-Name & Addr
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    COLLEGE OF SCIENCE
    PMB UPO, KNUST, KUMASI, GHANA
70: Remittance Information
    /RFB/COVENANT UNIVERSITY BIOINF
    ORMATICS RESEARCH (CUBRE)
71A: Details of Charges
    OUR

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2/GUN STATEABEOKUTANGR

3/NG/OTA

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COLLEGE OF SCIENCE

PMB UPO, KNUST, KUMASI, GHANA

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ORMATICS RESEARCH (CUBRE)

:71A:OUR

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