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*The Director,
Covenant Applied Informatics and Communication
Africa Centre of Excellence (CApIC-ACE)
CUCRID Building
Covenant University
KM. 10 Idiroko Road, Canaan Land,
Ota, Ogun State,
Nigeria*

Dear Sir/Ma,

**LETTER OF IMPACT FOR THE COVENANT APPLIED INFORMATICS & COMMUNICATION
AFRICA CENTER OF EXCELLENCE**

I am Dr. Olatomide A. Fadare of the Department of Chemistry at Obafemi Awolowo University, Ile-Ife, Nigeria and I am a Synthetic Organic and Medicinal chemist and I am writing to confirm the impact that your center, Covenant Applied Informatics and Communication – Africa Centre of Excellence (CapIC-ACE) has had on my research group here at Obafemi Awolowo University. My research group has an active collaboration with Prof O.O. Ogunlana, and my group is undertaking a malaria drug discovery effort with the aid of computational techniques for drug design targeting the Plasmodium falciparum transketolase enzyme. Most of our study has been insilico but now we are venturing into the actual testing of designed and synthesized inhibitors in-vitro and our collanoration with Prof O.O. Ogunlana of the CapIC-ACE has provided us with the oppourtunity of conducting in-vitro experiments with the recombinant target protein produced by other collaborators from the University of Dundee, UK. Through our collaboration with Prof O.O. Ogunlana, we have the oppourtunity to use the equipments in the malaria research facility for storage and handling of the recombinant protein as well as conducting enzyme inhbititon studies with pure synthetic compounds.

The role of CapIC-ACE through Prof. O.O. Ogunlana is invaluable as this collaboration has opened up the possibility of life testing of the lead compounds from our laboratory on the proteins used to develop them in the first place, taking our work beyond the insilico study to biological testing and creating a platform for optimization and refinement of the lead compounds. This collaboration with CapIC-ACE through Prof. O.O. Ogunlana has also made the foreign partners of our research group more confident in our ability to handle the protein produced for the group and utilize the resource maximally.

I would like to express my profound gratitude to Covenant Applied Informatics and Communication – Africa Centre of Excellence CapIC-ACE and Prof. O.O. Ogunlana for their immense contribution towards the success of our research efforts and look forward to a more robust engagement with the centre as we continue to work with Prof. O.O. Ogunlana.

Best regards.



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