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mazingira yetu | uhal wetu | wajibu wetu

(r. 12)

Application Reference No: **NEMA/AGR/115/2018**

Registration No.0104

Form of Access Permit

This permit is hereby granted to **Ms. Susannah Clare Eileen Gold Passport No.: 531138438 of Imperial College London & Zoological Society of London (ZSL), 57 Primrose Gardens, Belsize Park, London, UK. NW3 4UL** in accordance with regulation 11 of the Environmental Management and Co-ordination (Conservation of Biological Diversity and Resources, Access to Genetic Resources and Benefit Sharing) Regulations, 2006 for the collection of the following genetic resources:

Not more than 200 serum samples of African wild dogs (*Lycaon pictus*) each ~1ml and 500 serum samples of Domestic dogs (*Canis familiaris*) each ~1ml for the study of integrating Human and Wildlife Health: the Case of Non-Fatal Rabies in Africa.

Location of Study: Mpala research center in Laikipia County and the neighboring Isiolo and Samburu Counties.

This permit is issued subject to the Regulations and all agreements concluded pursuant to its grant, and may be suspended, cancelled or revoked should the holder breach any of those agreements and the conditions of issue and those contained in the Regulations.

Ms. Susannah Clare Eileen Gold being the holder of this permit, including his agents and assignees, undertake to abide by the conditions of this permit and to promptly report to the National Environment Management Authority any matter that may prejudice the interests of Kenya and other parties concluded pursuant to the grant of this permit.

Signed:

Director General,

National Environment Management Authority

Date:

25/11/18

P.T.O.



ISO 9001 : 2008 Certified

Third Schedule

PERMIT CONDITIONS: NEMA/AGR/115/2018

1. This approval shall be **valid for 12 months** from the date of issuance and shall not be transferable.
2. This approval is for accessing **Not more than 200 serum samples of African wild dogs (*Lycaon pictus*) each ~1ml and 600 serum samples of Domestic dogs (*Canis familiaris*) each ~1ml for the study of integrating Human and Wildlife Health: the Case of Non-Fatal Rabies in Africa**. Collected samples to be exported to Zoological Society of London (ZSL), Regent's Park, London, UK. NW1 4RY for serology analyses using a rapid fluorescent focus inhibition test.
3. You shall provide the exported list and quantity of all collected samples to KWS and NEMA.
4. The samples shall retain their original KWS references.
5. The accessed genetic resources and its derivatives shall be strictly held in KWS and ZSL.
6. You shall ensure that the samples are well treated and preserved using the provided standards and procedures before storage and export.
7. You shall ensure that the basic analysis of the genetic resources such as identification, cataloging, analyzing and preservation of the samples to good laboratory standards are done locally. Further analysis shall be done in collaboration with the local partners (KWS). You shall ensure that the local partner: KWS, Mpala research center (Laikipia Rangelands Wild Dog and Cheetah project and the Laikipia rabies vaccination campaign) are involved in the collection, identification and preparations of the samples for analysis and export.
8. The genetic resource and the derivative shall not be transferred to a third party without the consent of the genetic resource providers KWS and NEMA. The genetic resource and the derivatives shall not be used for commercial or profit purpose without agreement from genetic resource providers KWS and NEMA.
9. You shall deposit and keep records of all duplicates of the genetic resources with the relevant lead agency, NMK/ KWS and provide evidence of deposition to NEMA.
10. You shall ensure that there is reasonable access by all Kenyan citizens to all genetic resources and information collected whether such genetic resources and intangible components including digital sequencing are held locally or abroad.
11. Ensure that all agreements entered into with respect to access of genetic resources shall be strictly for the purposes for which they were entered into. You shall abide by the provision of the Material Transfer Agreements entered with the providers of genetic resources.
12. You shall ensure that the local community/s Traditional knowledge on the genetic resources including their digital sequences and their uses are well safeguarded.
13. You shall furnish quarterly reports to NEMA on the status of research, including all discoveries from research involving genetic resources and/or intangible components. You shall comply with the improvement orders issued by NEMA's environmental inspectors throughout the project cycle.
14. NEMA reserves the right to suspend, cancel, revoke or vary this permit in the event of a breach of the conditions stated herein or any contravention to the Environmental Management and Coordination Act, CAP 387 and regulations thereunder.
15. Upon the completion of the intended studies, you shall return the remaining genetic resources to Kenya and deposit with the relevant lead agency (NMK/KWS) and notify NEMA of the return.