** AFDC 11 (806) DTZS/ISO/TR 3985:2021**

 **DRAFT TANZANIA STANDARD**

Biotechnology - Data publication - Preliminary considerations and concepts

 **TANZANIA BUREAU OF STANDARDS**

**NATIONAL FOREWORD**

The Tanzania Bureau of Standards is a statutory national standards body for Tanzania established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This Tanzania Standard is being prepared by the Biotechnology Technical Committee, under supervision of Agriculture and Food Standards Divisional Committee (AFDC)

This Tanzania standard specifies reviews best practices that:

a) Respect the existing standardization efforts of life sciences research communities;

b) Normalize key aspects of data description particularly at the level of the biology being studied (and shared) across the life sciences communities;

c) Ensure that data are “findable” and useable by other researchers; and

d) Provide guidance and metrics for assessing the applicability of a particular data-sharing plan.

This Tanzania standard is applicable to domains in life sciences including biotechnology, genomics (including massively parallel nucleotide sequencing, metagenomics, epigenomics and functional genomics), transcriptomics, translatomics, proteomics, metabolomics, lipidomics, glycomics, enzymology, immunochemistry, life science imaging, synthetic biology, systems biology, systems medicine and related fields.

This Tanzania standard is identical to the ISO/TR 3985:2021 Biotechnology - Data publication - Preliminary considerations and concepts published by International Organization for Standardization.

**TERMINOLOGY AND CONVENTIONS**

This text of the international standards if found suitable, may be approved for application as a Tanzania Standard without deviations.

Some terminology and certain conventions are not identical with those used in Tanzania standards; attention is drawn especially to the following.

1. The comma has been used as a decimal marker for metric

 dimensions. In Tanzania standards, it is current practice to use a full

 point on the base line as the decimal marker.

1. Wherever the words “International Standard” appear, referring to

 this Standard they should read as “Tanzania Standard”.