

# Abbreviations

ACD	acid citrate dextrose
BBMRI-ERIC	Biobanking and BioMolecular resources Research Infrastructure–European Research Infrastructure Consortium
BBMRI-LPC	BBMRI–Large Prospective Cohorts
BCNet	LMICs Biobank and Cohort Building Network
BRIF	Bioresource Research Impact Factor
BRISQ	Biospecimen Reporting for Improved Study Quality
CEN	European Committee for Standardization
CO <sub>2</sub>	carbon dioxide
CSF	cerebrospinal fluid
DBS	dried blood spot
DEPC	diethylpyrocarbonate
DIN	DNA integrity number
DMSO	dimethyl sulfoxide
DNA	deoxyribonucleic acid
DR	disaster recovery
dsDNA	double-stranded DNA
DTA	Data Transfer Agreement
EDTA	ethylenediaminetetraacetic acid
ELSI	ethical, legal, and social issues
EPIC	European Prospective Investigation into Cancer and Nutrition
ESBB	European, Middle Eastern and African Society for Biopreservation and Biobanking
EU	European Union
FBS	fetal bovine serum
FFPE	formalin-fixed, paraffin-embedded
GA4GH	Global Alliance for Genomics and Health
gDNA	genomic DNA
HBV	hepatitis B virus
HIV	human immunodeficiency virus
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization

ISBER	International Society for Biological and Environmental Repositories
ISO	International Organization for Standardization
IT	information technology
LIMS	laboratory information management system
LMICs	low- and middle-income countries
LN <sub>2</sub>	liquid nitrogen
MIABIS	Minimum Information about Biobank Data Sharing
miRNA	microRNA
MTA	Material Transfer Agreement
NCI	United States National Cancer Institute
NIH	United States National Institutes of Health
OCT	optimal cutting temperature
OECD	Organisation for Economic Co-operation and Development
P3G	Public Population Project in Genomics and Society
PCR	polymerase chain reaction
QA	quality assurance
QC	quality control
QMS	quality management system
qPCR	quantitative PCR
R&D	research and development
RIN	RNA integrity number
RNA	ribonucleic acid
rRNA	ribosomal RNA
RT-PCR	reverse transcription PCR
SOPs	standard operating procedures
SPREC	Sample PREanalytical Code
ssDNA	single-stranded DNA
TNM	tumour–node–metastasis
TuBaFrost	European Human Frozen Tumour Tissue Bank
UNECE	United Nations Economic Commission for Europe
UV	ultraviolet
WHO	World Health Organization