

Acronyms and abbreviations -April 2024

AAHI	Access to Advanced Health Institute
Ab	antibody
ACT-UP	AIDS Coalition to Unleash Power
ACTG	formerly AIDS Clinical Trials Group, now Advancing Clinical Therapeutics Globally
Ad	adenovirus (followed by a number indicating the strain/type)
ADA	anti-drug antibody
ADCC	antibody-dependent cellular cytotoxicity
ADCP	antibody-dependent cellular phagocytosis
AE	adverse event
AEC	absolute eosinophil count
AESI	adverse event of special interest
AF	aqueous formulation
AFAB	assigned female sex at birth
Ag	antigen
AHRI	Africa Health Research Institute
AIDS	acquired immunodeficiency syndrome
AIDSInfo	US Federal website for AIDS information (http://www.aidsinfo.nih.gov)
AIM assay	activation induced marker assay
ALT	alanine aminotransferase
Alum	aluminum hydroxide suspension
AMAB	assigned male sex at birth
AmFAR	American Foundation for AIDS Research
AMP	antibody mediated prevention
ANOVA	analysis of variance
AoU	assessment of understanding
ART or ARV	antiretroviral therapy
ASO	AIDS service organization
AST	aspartate aminotransferase
AUC or AUTC	area under the curve
AUCMB	area under the magnitude breadth curve
AVAC	AIDS Vaccine Advocacy Coalition
AVEG	AIDS Vaccine Evaluation Group (predecessor network to HVTN)
AVRS	AIDS Vaccine Research Subcommittee (NIAID)
β -HCG	beta human chorionic gonadotropin
B cell seq	B cell mRNA sequencing
BAMA	binding antibody multiplex assay
BCG	bacille Calmette-Guérin (preventive TB vaccine)
BCP	B-cell phenotyping
BCR	B-cell receptor
BIP	Baseline Immunogenicity Predictors
BLI	BioLayer Interferometry
BMGF	Bill and Melinda Gates Foundation
BMI	body mass index
bnAb	broadly neutralizing antibody (capitalization may vary)
BP	blood pressure
BRR	Bill of Rights and Responsibilities, for HIV or TB vaccine trials
BSL	biosafety level
CAB/CAG	community advisory board/group
CAPRISA	Centre for the AIDS Programme of Research in South Africa
CBC	complete blood count
CBO	community-based organization

CBPR	community based participatory research
CD4bs	CD4 binding site
CDC	Centers for Disease Control and Prevention (US)
CDM	Clinical Data Manager
CE	community engagement
CER	Community Educator/Recruiter
CFAR	Center for AIDS Research
CFAR-GAP	Center for AIDS Research – GCLP Compliant AIDS Program
CFR	Code of Federal Regulations (US)
CFU	colony forming units
CGG	chronic granulomatous disease
CHAVD	Consortium for HIV/AIDS Vaccine Development (Scripps)
CHAVI-ID	Center for HIV/AIDS Vaccine Immunology – Immunogen Discovery (NIAID)
CHIL	Cape Town HVTN Immunology Lab
CHO	Chinese hamster ovary
CI	confidence interval
CIOMS	Council for International Organizations of Medical Sciences
CMIA	chemiluminescent microparticle immunoassay
CMV	cytomegalovirus
COMPASS	combinatorial polyfunctionality analysis of antigen-specific T-cell subsets
CoP	correlate of protection
CoR	correlate of risk
CoVPN	COVID-19 Prevention Network
CP	Community Partners (a cross-network CAB convened by HANC)
CRAN	Comprehensive R Archive Network
CRF	case report form
CRMS	Clinical Research Management System (NIAID)
CRS	clinical research site
CRPMC	Clinical Research Products Management Center (NIAID)
Cryo-EM	cryogenic electron microscopy
CSF	cerebrospinal fluid
CSS	Clinical Safety Specialist
CSW	commercial sex worker
CTA	clinical trials agreement
CTL	cytotoxic T-lymphocyte
CTM	Clinical Trials Manager
CTU	clinical trials unit
DAERS	DAIDS Adverse Experience Reporting System
DAIDS	Division of AIDS (at NIAID)
DHHS	Department of Health and Human Services (US)
DHVI	Duke Human Vaccine Institute
DTH	delayed-type hypersensitivity
DM	diabetes mellitus
DOV	discontinuation of vaccination
DS	disulfide
EAE	expedited adverse event
EC	ethics committee
EC50	half-maximal effective concentration
eGFR	estimated glomerular filtration rate
EIA	enzyme immunoassay
ELISA	enzyme-linked immunosorbent assay
ELISpot	enzyme-linked immunosorbent spot
EM	electron microscopy
EMPEM	electron microscopy–based polyclonal epitome mapping

EMT	Executive Management Team (HVTN)
Env	envelope protein of HIV
EQA	external quality assurance
EQAPOL	external quality assurance program oversight laboratory
ETWG	Efficacy Trials Working Group (HVTN)
EUA	Emergency Use Authorization
EUL	emergency use listing
EUROVACC	European Vaccine Effort Against HIV/AIDS
FBO	faith-based organization
FcR	Fc- receptors
FDA	Food and Drug Administration (US)
FHCC	Fred Hutchinson Cancer Center, or Fred Hutch
FIH	first-in-human
FP	fusion peptide
FPR	false positive rate
FS	functionality score
GC	germinal center
GCP	Good Clinical Practice
GCLP	Good Clinical Laboratory Practice
GEE	generalized estimating equation
GINA	Genetic Information Nondiscrimination Act
GMP	Good Manufacturing Practice
GPP	Good Participatory Practice
HANC	Office of HIV/AIDS Network Coordination (NIAID, located at Fred Hutch)
HBsAg	hepatitis B surface antigen
HCRISA	Hutchinson Centre Research Institute of South Africa
HCV	hepatitis C virus
Hgb	hemoglobin
HHS	Department of Health and Human Services (US)
HIPAA	Health Insurance Portability and Accountability Act (US)
HIVNET	HIV Network for Prevention Trials (NIAID, closed October 1999)
HIT	heparin-induced thrombocytopenia
HIV	human immunodeficiency virus
HLA	human leukocyte antigen
HPTN	HIV Prevention Trials Network
HSV2	herpes simplex virus type 2
HVTN	HIV Vaccine Trials Network
IAS-USA	International Antiviral Society – USA
IAVI	International AIDS Vaccine Initiative
IB	Investigator’s Brochure
IBC	Institutional Biosafety Committee
IC50	inhibitory concentration of 50% (median)
IC80	inhibitory concentration of 80%
ICABA	infected cells antibody binding assay
ICH	International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use
ICS	intracellular cytokine staining assay
ID	intradermal
ID50	50% inhibitory dose (median)
ID80	80% inhibitory dose
IFN- γ	interferon-gamma
Ig	immunoglobulin

IgA	immunoglobulin A
IgG	immunoglobulin G
IgM	immunoglobulin M
IGRA	interferon-gamma release assay
IL	interleukin
IM	intramuscular
IMPAACT	International Maternal Pediatric Adolescent AIDS Clinical Trials
IN	intranasal
IND	Investigational New Drug (application to FDA)
INH	isoniazid
INR	international normalized ratio
IoR	Investigator of Record
IRAMP	International Research and Mentorship Program (HVTN)
IRB	Institutional Review Board
IRM	immune response modifier
ITT	intent-to-treat
IUD	intrauterine device
IV	intravenous
KI	knock-in
KO	knock-out
KZN	KwaZulu Natal (South Africa)
LABA	long-acting beta agonist
LAM	lipoarabinomannan
LC	Laboratory Center (of the HVTN)
LOC	Leadership and Operations Center (of the HVTN)
LS	an antibody half-life extension mutation on the Fc region of an antibody
LTFU	lost to follow-up OR long term follow-up
MAAE	medically attended adverse event
mAb	monoclonal antibody
MAR	missing at random
MCAR	missing completely at random
MCC	Medicines Control Council (South Africa)
Mcg	microgram
MedDRA	Medical Dictionary for Regulatory Activities
MFI	mean fluorescence intensity
MHC	major histocompatibility complex
MIF	macrophage migration inhibitory factor
MIMOSA	mixture models for single-cell assays
MLV	murine leukemia virus
MMR	measles, mumps, and rubella vaccine
MO	Medical Officer (DAIDS)
MOP	Manual of Operations Procedures
MPER	membrane proximal external region
MRC	Medical Research Council (South Africa)
MSD	Meso Scale Discovery assay
MSM	men who have sex with men
M.tb	Mycobacterium tuberculosis
MTBC	M. tuberculosis complex
MVA	modified Ankara virus
nAb	neutralizing antibody
nnAb	non-neutralizing antibody
NAT	nucleic acid test

NB	non-binary
NEC	Network Evaluation Committee (HVTN)
NFL	native flexibly linked
NGO	non-governmental organization
NHP	nonhuman primate
NK	natural killer cells
NIAID	National Institute of Allergy and Infectious Diseases (of the US NIH)
NICD	National Institute for Communicable Diseases (South Africa)
NIH	National Institutes of Health
NLT	native-like HIV Env trimer
NSAID	nonsteroidal anti-inflammatory drug
OAR	Office of AIDS Research (NIH)
OARAC	Office of AIDS Research Advisory Committee (NIH)
OBA	Office of Biotechnology Activities (NIH)
OCGR	Office of Communications and Government Relations (NIAID)
OHRP	Office for Human Research Protections (at the NIH)
OPCRO	Office for Policy in Clinical Research Operations (NIAID)
OPV	oral polio vaccine
PAB	Pharmaceutical Affairs Branch (NIAID)
PBMC	peripheral blood mononuclear cell
PBS	phosphate-buffered saline
PCA	principal component analysis
PCR	polymerase chain reaction
PD	pharmacodynamics
PDB	protocol database
PDIM	phthiocerol dimycocerosate
PDM	Protocol Development Manager
PK	pharmacokinetics
PM	Project Manager
PE	prevention efficacy
PEF	peak expiratory flow
PEP	post-exposure prophylaxis
PFS	polyfunctionality score
PHRU	Perinatal HIV Research Unit (site in Soweto)
PI	Principal Investigator
PID	pelvic inflammatory disease
PIMMC	potential immune-mediated medical condition
Pol	polymerase (generally of HIV)
PrEP	pre-exposure prophylaxis
PSRT	Protocol Safety Review Team
PT	preferred term OR protocol team
PT50	predicted serum neutralization 50% inhibitory dilution titer biomarker (ID50)
PT80	predicted serum neutralization 80% inhibitory dilution titer biomarker (ID80)
PTL	Protocol Team Leader
PWH	people with HIV
PLWH	people living with HIV
POD	prevention of disease
POPIA	Protection of Personal Information Act (South Africa)
PPD	purified protein derivative; also the name of DAIDS' contracted study monitoring agency
PSRC	Prevention Science Review Committee (DAIDS)
PSRT	Protocol Safety Review Team
PTE	potential T-cell epitope

QADVIP	Quality Assurance for Duke Vaccine Immunogenicity Programs
QAU	Quality Assurance Unit
QFT	Quantiferon tuberculosis
qPCR	quantitative polymerase chain reaction
RA	regulatory authority
RAB	Regulatory Affairs Branch (NIAID)
RAMP	Research and Mentorship Program (HVTN)
RBD	receptor binding domain
RCT	randomized controlled trial
RE	regulatory entity
REDCap	Research Electronic Data Capture
RhCMV	rhesus cytomegalovirus
RML	Regional Medical Liaison
RNA-Seq	RNA sequencing
RSC	Regulatory Support Center at DAIDS
SA	specific activity
SAAVI	South African AIDS Vaccine Initiative
SAE	serious adverse event
SAHPRA	South African Health Products Regulatory Authority
SAP	statistical analysis plan
SAS	statistical analysis system
SATVI	South African TB Vaccine Initiative
SBS	social and behavioral sciences
SBS-CEU	Social & Behavioral Sciences and Community Engagement Unit (HVTN)
SBWG	Social and Behavioral Sciences Working Group (HVTN)
SC	subcutaneous
SCHARP	Statistical Center for HIV/AIDS Research and Prevention (serves as HVTN's SDMC)
SCID	severe combined immunodeficient
SCORE	Site Clinical Operations and Research Essentials (manual)
SD	standard deviation
SDMC	Statistics and Data Management Center
SEG	Special Emphasis Group (Laboratory)
SFC	spot-forming cell
SFU	spot-forming unit
SGC	Scientific Governance Committee (HVTN)
SHD	standard human dose
SHIV	simian-human immunodeficiency virus
SICF	sample informed consent form
sIgA	secretory IgA
SIV	simian immunodeficiency virus
SLD	Scientific Leadership Development program (HVTN)
SMB	Safety Monitoring Board
SMQ	Standard MedDRA Query
SOP	standard operating procedures
SPT	Safety and Pharmacovigilance Team (DAIDS)
SRC	Scientific Review Committee (HVTN)
SSP	study-specific procedures
STI /D	sexually transmitted infection/disease
SUDL	Specimen Use Decision Log
SUSAR	suspected unexpected serious adverse reaction
TAG	Treatment Action Group
TB	tuberculosis

TBVI	Tuberculosis Vaccine Initiative
TCID50	median tissue culture infectious dose
TEAE	treatment emergent adverse event
TG	transgender, also “trans”
TGNB	transgender and non-binary
TLR	toll-like receptor
TMLE	targeted minimum loss-based estimation
TPT	tuberculosis preventive treatment
TST	tuberculin skin test
TT	tetanus toxoid
TTS	thrombosis with thrombocytopenia syndrome
μ	micro
μg	microgram
ULN/ULQ	upper limit of normal/upper limit of quantitation
UNAIDS	Joint United Nations Programme on HIV/AIDS
USAID	United States Agency for International Development
USMHRP	US Military HIV Research Program
USP	United States Pharmacopeia
UW-VSL	University of Washington Virology Specialty Laboratory
VAERS	Vaccine Adverse Event Reporting System (through CDC)
VAX300	VaxINator Intranasal Atomization Device
VISC	Vaccine Immunology Statistical Center
VISP/r	vaccine-induced seropositivity/seroreactivity
VL	viral load
VP	viral particle
VRC	Dale and Betty Bumpers Vaccine Research Center (at NIAID)
WBC	white blood cell
WCL	whole cell lysate (of TB)
WG	working group
WHO	World Health Organization
WRAIR	Walter Reed Army Institute of Research
WT	wild-type