

ABBREVIATIONS AND ACRONYMS

A

AAALAC: Association for Assessment and Accreditation of Laboratory Animal Care
ABSA: American Biological Safety Association
ABSL: animal biosafety level
ACC: acute care center
ACIP: Advisory Committee for Immunization Practices
AFBAT: Air Force biological augmentation team
Agr: accessory gene regulator
AHF: Argentine hemorrhagic fever
AIDS: acquired immunodeficiency syndrome
AML: Army medical library
AMPA: alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid
APACHE: Acute Physiology and Chronic Health Evaluation
APHIS: Animal and Plant Health Inspection Service
APHL: Association of Public Health Laboratories
AR: Army regulation
ASP: amnesic shellfish poisoning
ATLS: advanced trauma life support
AVA: anthrax vaccine adsorbed
AWR: animal welfare regulation

B

BIDS: Biological Integrated Detection System
BMBL: Biosafety in Microbiological and Biomedical Laboratories
BPRP: biological personnel reliability program
BSAT: biological select agents and toxins
BSC: biological safety cabinet
BSE: bovine spongiform encephalopathy
BSL: biosafety level
BT: bioterrorism
BW: biowarfare
BWC: Biological Weapons Convention

C

CBC: complete blood count
CBIRF: Chemical-Biological Incident Response Force
CBRNE: chemical, biological, radiological, nuclear, or high-yield explosive
CBSP: Certified Biological Safety Professional
CCHF: Crimean-Congo hemorrhagic fever
CDC: Centers for Disease Control and Prevention
CEV: cell-associated virion
CFR: Code of Federal Regulations
CFT: complement fixation test
CFU: colony-forming unit
CHA: cystine heart agar
CHOC: chocolate agar
cipro: ciprofloxacin
CLSI: Clinical Laboratory Standards Institute
CMV: cytomegalovirus
CNS: central nervous system
CO: certifying official
CONUS: continental United States
CSF: cerebrospinal fluid
CTS: Casualty Transportation System
CXR: chest x-ray

D

DA: Department of the Army
DAD: diode array detection
dB: decibel

DC: dendritic cell
DCO: defense coordinating officer
DELFLIA: dissociation-enhanced lanthanide fluorescence immunoassay
DFA: direct fluorescent antibody
DHF/DSS: dengue hemorrhagic fever/dengue shock syndrome
DHHS: Department of Health and Human Services
DHS: Department of Homeland Security
DIC: disseminated intravascular coagulation
DNA: deoxyribonucleic acid
dNTPs: deoxyribonucleotide triphosphates
DoD: Department of Defense
doxy: doxycycline
DSS: dengue shock syndrome

E

ECL: electrochemiluminescence
EEE: Eastern equine encephalitis
EEV: extracellular enveloped virion
EF: edema factor
ELISA: enzyme-linked immunosorbent assay
EM: electron microscopy
EMS: emergency medical services
EPA: US Environmental Protection Agency
ER: endoplasmic reticulum
ESF: emergency support function
ESSENCE: Electronic Surveillance System for the Early Notification of Community-based Epidemics

F

F1: fraction 1
FAD: foreign animal disease
FBI: Federal Bureau of Investigation
FCO: federal coordinating officer
FDA: Food and Drug Administration
FDP: fibrin degradation product
FDPMU: forward deployable preventive medicine unit
FEMA: Federal Emergency Management Agency
FHP: Force Health Protection
FMD: foot and mouth disease
FRET: Fluorescence Resonance Energy Transfer

G

GCP: Good Clinical Practices
GLC: gas-liquid chromatography
GP: glycoprotein
GS: Government Schedule

H

H: hour
HA: hemagglutinin
HAZMAT: hazardous material
HEPA: high-efficiency particulate air
HF: hemorrhagic fever
HFRS: hemorrhagic fever with renal syndrome
HIV: human immunodeficiency virus
HLA: human leukocyte antigen
HPLC: high-performance liquid chromatography
HPLC-MS: high-performance liquid chromatography-mass spectrometry
HPS: hantavirus pulmonary syndrome
HUS: hemolytic uremic syndrome

I

ICAM: intercellular adhesion molecule
ICS: Incident Command System
IEV: intracellular enveloped virion
IFN: interferon
IgG: immunoglobulin
IL: interleukin
IM: intramuscular
IMP: inosine-5'-phosphate
IMV: intracellular mature virion
IND: investigational new drug
IRB: institutional review board
IV: intravenous

J

JBAIDS: Joint Biological Agent Identification and Diagnostic System
JBPDS: Joint Biological Point Detection System
JCAHO: Joint Commission on the Accreditation of Healthcare Organizations
JE: Japanese encephalitis
JFO: Joint Field Office
JTF-CS: Joint Task Force for Civil Support

K

Kb: kilobase
kd: kilodalton

L

LCR: low calcium response
LCV: large cell variant
LD: lethal dose
LF: lethal factor
LLAP: Legionella-like amoebal pathogen
LPS: lipopolysaccharide
LRN: Laboratory Response Network
LVS: live vaccine strain

M

MA: microagglutination titer
MAPK: mitogen-activated protein kinase kinase
MASCAL: medical mass casualty event
Mb: megabase
MCC: Medical Command and Control
MEMS: Modular Emergency Medical System
MGBP: Minor Groove Binding Protein
MHC: major histocompatibility complex
MIC: mean inhibitory concentration
MOPP: military-oriented protective posture
MOU: Memorandum of Understanding
MRSA: methicillin-resistant Staphylococcus aureus
MS: mass spectrometry
MSDS: material safety data sheet
MVA: Modified Vaccinia Ankara

N

NA: neuraminidase
NA: not applicable or not done
NACLC: National Agency Check, Local Agency Check, and Credit Check
NCCLS: National Committee for Clinical Laboratory Standards
NDMS: National Disaster Medical System
NEHC: Neighborhood Emergency Help Center
NIH: National Institutes of Health

NIMS: National Incident Management System
NIOSH: National Institute for Occupational Safety and Health
NIV: nivalenol
NL: normal limit
NO: nitric oxide
NORTHCOM: US Northern Command
NP: nucleoprotein
NPT: National Pipe Thread
NRM: National Registry of Microbiologists
NRP: National Response Plan
NSP: neurotoxic shellfish poisoning
NYC: New York City

O

OIE: Office International des Epizooties
OSHA: Occupational Safety and Health Administration

P

PA: protective antigen
PAPR: powered air-purifying respirator
PBT: pentavalent botulinum toxoid
PC: percutaneous
PCR: polymerase chain reaction
PDI: potentially disqualifying information
PDI: protein disulfide isomerase
Pfu: plaque-forming unit
Pla: plasminogen activator
PO: by mouth
POD: point of distribution
ppb: part per billion
PPE: personal protective equipment
ppm: part per million
PRN: as needed
PRNT: plaque reduction neutralization titer
PSP: paralytic shellfish poisoning

Q

Q: each, every
QD: every day

R

RANTES: regulated upon activation, normal T-cell expressed and secreted
RAPID: Ruggedized Advanced Pathogen Identification Device
RBP: Registered Biosafety Professional
RDTE: research, development, test, and evaluation
RFLP: restriction fragment-length polymorphism
RIP: ribosome-inactivating protein
RODS: Realtime Outbreak Detection System
RSV: respiratory syncytial virus
RT-PCR: reverse transcriptase polymerase chain reaction
RVF: Rift Valley fever
rx: prescription

S

SAF: Singapore Armed Forces
SARS: severe acute respiratory syndrome
SBA: sheep blood agar
SCO: state coordinating officer
SCV: small cell variant
SE: staphylococcal enterotoxin
SEB: staphylococcal enterotoxin B
SERPACW: skin exposure reduction paste against chemical warfare agents
sGP: secreted glycoprotein

SNS: strategic national stockpile
SOP: standard operating procedure
SPE: streptococcal pyrogenic exotoxin
SQ: subcutaneous
STARI: southern tick-associated rash illness
STX: saxitoxin

T

TB: tuberculosis
TBE: tick-borne encephalitis
TC: cell culture
TCID: tissue culture infecting dose
TF: tissue factor
TIGER: triangulation identification for genetic evaluation of risks
TK: thymidine kinase
TLC: thin-layer chromatography
TLR: Toll-like receptor
TMP-SMZ: trimethoprim-sulfamethoxazole
TRAIL: tumor necrosis factor-related, apoptosis-inducing ligand
TrD: Trinidad donkey
TRF: time-resolved fluorescence
TSS: toxic shock syndrome
TSST-1: toxic shock syndrome toxin

U

UN: United Nations
UNSCOM: United Nations Special Commission on Iraq
USA: United States of America
USAMRICD: US Army Medical Research Institute of Chemical
Defense
USAMRIID: US Army Medical Research Institute of Infectious
Diseases
USAMRMC: US Army Medical Research and Materiel Command
USDA: US Department of Agriculture

V

V: virulence
VALTREX: valacyclovir hydrochloride
VEE: Venezuelan equine encephalitis
VHF: viral hemorrhagic fever
VIG: vaccinia immune globulin
VLS: vascular leak syndrome
VP: virion protein
VRE: vancomycin-resistant enterococci

W

WBC: white blood cell
WEE: Western equine encephalitis
WHO: World Health Organization
WNV: West Nile virus

Y

YOPS: yersinia outer protein

