
ACRONYMS AND ABBREVIATIONS

ACGIH	American Conference of Governmental Industrial Hygienists
ACh	acetylcholine
AChE	acetylcholinesterase
AChEi	acetylcholinesterase inhibitors
AChEr	acetylcholinesterase receptors
AD	Alzheimer's disease
AFPMB	Armed Forces Pest Management Board
ALS	amyotrophic lateral sclerosis
AP	alkaline phosphatase
APT	Alexander Passalong test
ARCOM	U.S. Army Reserve Command
BBB	blood brain barrier
BDU	battle dress uniform
BuChE	butyrylcholinesterase
BVRT	Benton visual retention test
C	centigrade
CAS	Chemical Abstracts Service
CCEP	DoD Comprehensive Clinical Evaluation Program
CDC	U.S. Centers for Disease Control and Prevention
CF(S)	chronic fatigue (syndrome)
CI	confidence interval, or Cornell Index
CNS	central nervous system
D1-D5	labels for 5 dopaminergic receptor transcripts
DA	dopamine
DNBI	disease and non-battle injury
ECG	electrocardiogram

EEG	electroencephalogram
EPA	U.S. Environmental Protection Agency (also USEPA)
FDA	Federal Drug Administration
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FM	fibromyalgia
FSRA	forced respiratory sinus arrhythmia
GGT	gamma glutamyl transpeptidase
GI	gastrointestinal
GNDS	general neuropsychological deficit scale
GUP	general-use pesticide
GWI	Gulf War illness
hr	hour(s)
IARC	International Agency for Research on Cancer
ICD	International Classification of Diseases
IDLH	immediately dangerous to life or health (value)
IOM	Institute of Medicine
Ip	intraperitoneal
IRIS	Integrated Risk Information Service (USEPA)
IV	intravenous
kg	kilogram(s)
L	liter(s)
LAP	leucine amino peptidase
lb	pound(s)
LC50 or LC ₅₀	median lethal concentration
LD50 or LD ₅₀	median lethal dose
LDH	lactate dehydrogenase
M1-M5	labels for 5 muscarinic ACh receptor transcripts
MCS	multiple chemical sensitivity
mg	milligram(s)
ml or mL	milliliter(s)
mM	millimolar
mm	millimeter(s)
MMWR	<i>Morbidity, Mortality Weekly Report</i> (published by CDC)
mo	month(s)

mPa	milliPascal(s)
MSA	multiple-system atrophy
msec	millisecond(s)
µg	microgram(s)
µL	microliter(s)
m ²	square meter(s)
m ³	cubic meter(s)
NA	not available
NBC	nuclear, biological, chemical
NCV	nerve-conduction velocity
ng	nanogram
NHL	non-Hodgkin's lymphoma
NIOSH	National Institute for Occupational Safety and Health
NOEL	no observable effect level
NRC	National Research Council
NS	not significant
NSN	National Stock Number
NTE	neuropathy target esterase
OC	organochlorine
OCT	ornithine carbamoyl transferase
ODS/DS	Operations Desert Shield and Desert Storm
OP	organophosphate
OPIDN	OP-induced delayed neuropathy
OR	odds ratio
OSAGWI	Office of the Special Assistant for Gulf War Illnesses
OSHA	Occupational Safety and Health Administration
OSHAct	Occupational Safety and Health Act
PAI	personality assessment inventory
PB	pyridostigmine bromide
PCC	Poison Control Center
PD	Parkinson's disease
PEL	permissible exposure limit
PGW	Persian Gulf War
PGWV	Persian Gulf War veterans

p.o.	per os (by mouth)
PON	paraoxonase (also PON1)
POR	prevalence odds ratio
PP	preparkinsonism
ppb	parts per billion
ppm	parts per million
PR	prevalence ratio
PTSD	post-traumatic stress disorder
RA	resting heart-rate variability
RBC	red blood cell
REL	recommended exposure limit
RfC	reference concentration
RfD	reference dose
RR	relative risk
RUP	restricted-use pesticide
SCE	sister-chromatid exchange
SD	standard deviation
SGPT	serum alanine aminotransferase (also ALT)
SMR	standardized mortality ratio
SPECT	single photon emission computerized tomography
SSID	signs, symptoms, and ill-defined conditions
STEL	short-term exposure limit
TLV	threshold limit value
TPT	tactical performance test
TWA	time-weighted average
ULV	ultra-low volume (pesticide spray)
USAR	U.S. Army Reserve
USEPA	U.S. Environmental Protection Agency (also EPA)
USNG	U.S. National Guard
VA	Veterans Administration
WAIS	Wechsler adult intelligence scale
WHO	World Health Organization
wk	week(s)
WMS	Wechsler memory scale
WRAT	wide-range achievement test