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Abbreviations

Listed are abbreviations and their definitions. These may be used without definition in the APS Journals. See Information for Authors (www.the-aps.org/publications/journals/pub_quick.htm) for other abbreviations, symbols, and terminology.

ACCh: acetylcholine
ACTH: adrenocorticotropic hormone
ADP (CDP): adenosine 5'-diphosphate (and similarly for cytidine, guanosine, inosine, uridine, xanthosine, thymidine)
GDP, IDP, TDP: guanosine 5'-diphosphate, inosine, uridine, xanthosine, thymidine

AM: acetylornithine ester
AMP, etc.: adenosine 5'-monophosphate, etc.
ANG I, etc.: angiotensin I, etc.
ANOVA: analysis of variance
ATP, etc.: adenosine 5'-triphosphate, etc.
ATPase, etc.: adenosine 5'-triphosphatase, etc.
AVP: arginine vasopressin
BAPTA: 1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid
BCECF: 2',7'-bis(2-carboxyethyl)-5(6)-carboxyfluorescein
bp: base pair(s)
BSA: bovine serum albumin
CaM: calmodulin
CaMK: Ca²⁺/calmodulin-dependent kinase
CaMKK: CaM kinase
CaM KK: CaM kinase
cAMP, etc.: adenosine 5'-cyclic monophosphate, etc.
CCCP: carbonyl cyanide m-chlorophenylhydrazone
CCK: cholecystokinin
cDNA: complementary DNA
CGRP: calcitonin gene-related peptide
CoA: coenzyme A (also, acyl-CoA)
CRF: corticotropin-releasing factor
DEAE: diethylaminoethyl
DEAE-dextran pressin
DEAE: diethylaminoethyl
DIDS: 4,4'-diisothiocyanostilbene-2,2'-disulfonic acid
DMEM: Dulbecco's modified Eagle's medium
DMSO: dimethyl sulfoxide
DNA: deoxyribonucleic acid
DNase: deoxyribonuclease
DOC: deoxycholic acid
DOCA: deoxycorticosterone acetate
dpm: disintegrations per minute
DTNB: 5,5'-dithiobis(2-nitrobenzoic acid)
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EC50: concentration giving half-maximal response
ECG: electrocardiogram
ECM: extracellular matrix
EDTA: ethylenediaminetetraacetic acid
EEG: electroencephalogram
EGF: epidermal growth factor
EGTA: ethylene glycol-bis(β-aminoethyl ether)-N,N,N',N'-tetraacetic acid
EIPA: ethylisopropyl amiloride
ELISA: enzyme-linked immunosorbent assay
EMSA: electrophoretic mobility shift assay
ERK: extracellular signal-regulated kinase
FAD: flavin adenine dinucleotide
FADH₂: reduced flavin adenine dinucleotide
FBS: fetal bovine/calf serum
FCCP: carbonyl cyanide p-trifluoromethoxyphenylhydrazone
FGF: fibroblast growth factor
FITC: fluorescein isothiocyanate
FISH: follicle-stimulating hormone
GABA: γ-aminobutyric acid (also, "GABAergic")
GAP: growth-associated protein
GAPDH: glyceraldehyde-3-phosphate dehydrogenase
GC: guanine nucleotide
GDPS: gas chromatography-mass spectrometry
GMEL: guanosine 5'-O-(2-thiodiphosphate)
GSH, GSSG: reduced and oxidized glutathione
GTP: guanosine 5'-O-(3-thiotriphosphate)
GSK: glycogen synthetase kinase
Hb: hemoglobin
HbSS: Han's balanced salt solution
Hct: hematocrit
HDL: high-density lipoprotein
HEPES: N-2-hydroxyethylpiperazine-N'-2-ethanesulfonic acid
HETE: hydroxyeicosatrienoic acid
HPLC: high-performance liquid chromatography
HVT: high-voltage transmission
ICAM: intercellular adhesion molecule
IFN: interferon
IGF-I, -II: insulin-like growth factor I and II
IkB: IkB kinase
IL-1: interleukin-1 (IL-2, etc.)