University Medicine

Glossary · every term in the course, A–Z

English

absolute refractory period

ACE inhibitors

action potential
/ˈækʃn pəˈtenʃl/

ADH
/ˌeɪ diː ˈeɪtʃ/

adventitia

adverse drug reactions

affinity maturation

alanine

aldosterone

alveolar gas equation

alveolus

anterior/posterior

antibody
/ˈæntɪbɒdi/

anticipation
/ænˈtɪsɪpeɪʃn/

anticoagulants
/ˌæntɪkəʊˈægjʊlənts/

antigenic drift

antigenic shift

apoptosis
/əpəpˈtəʊsɪs/

arcuate fasciculus

atherosclerosis
/ˌæθəˌrɒsklə ˈrəʊsɪs/

English

ATP synthase
/ˌeɪ tiː ˈpiː ˈsɪnθeɪs/

attack rate

auscultation

autonomy
/ɔːˈtɒnəmi/

autosomal dominant

autosomal recessive

axillary nerve

A–a gradient

Babinski sign

basic reproduction number

beneficence

beta-oxidation

bias
/ˈbaɪəs/

bioavailability

biostatistics

blastocyst
/ˈblæstəsɪst/

Broca's area
/ˈbrəʊkəz ˈeərɪə/

capacity
/kəˈpæsɪti/

capsid
/ˈkæpsɪd/

capsule
/ˈkæpsjuːl/

cardiac output
/ˈkɑːdiæk ˈaʊtpʊt/

carrier
/ˈkærɪə/

Carter effect

case fatality

caseous necrosis

cauda equina

cell
/sel/

cell and molecular biology
for medicine

cell cycle
/sel ˈsaɪkl/

cell-cycle-specific

central dogma

central tolerance

chain of infection

checkpoint
/ˈʧekpɔɪnt/

chromatin

cirrhosis

clearance
/ˈklɪərəns/

cleavage

clinical foundations

clonal selection
/ˈkləʊnl sɪˈlekʃn/

co-stimulation

codon
/ˈkəʊdɒn/

coeliac trunk

collagen
/ˈkɒlədʒn/

columnar

compartment syndrome

competitive inhibition

complement
/ˈkɒmplɪmənt/

conduction aphasia

confidence interval
/ˈkɒnfɪdəns ˈɪntəvl/

confidentiality
/ˌkɒnfɪˌdenʃiˈæləti/

confounding
/kənˈfaʊndɪŋ/

connective tissue

conus medullaris

cooperativity

copy number variant

coronal plane

corticospinal tract

cranial nerve

cuboidal

dehydration
/ˌdiːhaɪˈdreɪʃn/

dendritic cell

dependence
/dɪˈpendəns/

dermatome

diapedesis

differential diagnosis
/ˌdɪfəˈrenʃl ˌdaɪəgˈnəʊsɪs/

dimorphic fungus

diuretic

dorsal column

ectoderm

efficacy
/ˈefɪkəsi/

electron transport chain
/ɪˈlektrɒn ˈtrænspɔːt tʃeɪn/

embedding

embolism

endoderm

enhancer

enteric nervous system

envelope
/ˈenvələʊp/

enzyme induction

enzyme inhibition

epidemiology

epigenetic

epigenetics
/ˌepɪdʒɪˈnetɪks/

epithelium
/ˌepɪˈθiːlɪəm/

evidence-based medicine

exotoxin

extracellular fluid

extracellular matrix

facilitated diffusion
/fəˈsɪlɪteɪtɪd dɪˈfjuːʒn/

fasting state

fatty streak

fed state

femoral nerve

fenestrated capillaries

fertilisation
/ˌfɜːtɪlaɪˈzeɪʃn/

filtration
/fɪlˈtreɪʃn/

first-pass metabolism

FISH
/fɪʃ/

fixation
/fɪkˈseɪʃn/

foramen ovale

forest plot

frameshift
/ˈfreɪmʃɪft/

gametocytes

gastrulation

gate control

generation time

genomic imprinting

germ layers

germline mosaicism

glia

glomerular filtration rate

glucagon
/ˈgluːkægən/

gluconeogenesis

glutamate
/ˈgluːtəmeɪt/
glutamine

glycogen
/ˈglaɪkədʒn/
glycolysis
/glaɪˈkɒləsɪs/
Golgi
/ˈgɒlgɪ/
GPCR

GRADE

Gram stain

granulation tissue

granulomas

H&E

haemoglobin
/ˌhiːməˈgləʊbɪn/
haemolysis
/hiːˈmɒləsɪs/
half-life
/hɑːf laɪf/
haploinsufficiency

Hardy–Weinberg
equilibrium

hemianopia

Henderson–Hasselbalch
equation

herd immunity
/hɜːd ɪˈmjuːnɪti/
heterogeneity

histology and embryology

history of presenting
complaint

homeostasis
/ˌhəʊmiːəˈstɑːsiz/
horizontal gene transfer

Horner syndrome

human anatomy

human physiology

hypersensitivity

hypothalamus
/ˌhaɪpəʊˈθælæməs/
immune memory

immunodeficiency

incidence
/ˈɪnsɪdəns/
incubation period

infarction

inferior mesenteric artery

inspection

insulin
/ˈɪnsjuːlɪn/
intention to treat

intention tremor

intercalated disc

intracellular fluid

ionotropic receptor

Kaplan–Meier curve

karyotype

karyotyping

ketone bodies

Km

lactate dehydrogenase

lagging strand
/ˈlægɪŋ strænd/
leading strand
/ˈliːdɪŋ strænd/
levator ani

liability threshold model

likelihood ratios

lipid bilayer

lipopolysaccharide

lipoprotein

loading dose

lower motor neuron

lysosome
/ˈlaɪsəʊsəʊm/
macrophage
/ˈmækrəfɪdʒ/
major histocompatibility complex
media
/ˈmiːdiːə/
median nerve

mediastinum

medical biochemistry

medical genetics

medical immunology

medical microbiology and infection

meiosis
/meɪˈəʊsɪs/
menstrual cycle
/ˈmenstruːəl ˈsaɪkl/
merozoites

mesoderm

metabotropic receptor

metaplasia

metastasis

methylation
/ˌmeθɪˈleɪʃn/
Michaelis-Menten kinetics

microarray
/ˈmaɪkrəʊəreɪ/
mismatch repair

missense

mitochondrial inheritance

mitochondrion

molecular mimicry

morula

mucosa

muscle
/ˈmʌsl/
muscularis externa

musculocutaneous nerve

natural killer cell

near-miss

necrosis

negative feedback
/ˈnegətɪv ˈfiːdbæk/

neoplasia

nephron
/ˈnefrɒn/

nephrotic syndrome

Nernst equation
/nɜːnst ɪˈkweɪʒn/

nervous tissue

neuroscience

neurulation

neutrophil
/ˈnjuːtrəfɪl/

NNT

nondisjunction
/ˌnɒndɪsˈdʒʌŋkʃn/

nonsense

nucleotide excision repair

nucleus
/ˈnjuːklɪəs/

obturator nerve

odds ratio

oedema

Okazaki fragment

oncotic pressure

opioids
/ˈəʊpɪɔɪdz/

optic chiasm

optic nerve
/ˈɒptɪk nɜːv/

over-diagnosis

oxygen dissociation curve
/ˈɒksɪdʒn dɪˌsəʊsɪˈeɪʃn kɜːv/

p-value
/piː ˈvæljuː/

palpation

parasympathetic nervous system
/ˌpærəˌsɪmpəˈθetɪk ˈnɜːvəs ˈsɪstəm/

partial agonists

pathology

PCR
/ˌpiː siː ˈɑː/

pectinate line

pedigree

pelvic floor

peptidoglycan
/ˈpeptɪdɒglɪkən/

percussion

pericardium

peripheral tolerance

PFK-1

phagocyte
/ˈfægəsaɪt/

pharmacogenomics

pharmacology

phrenic nerve

pituitary
/pɪˈtjuːɪtəri/
portal hypertension

potency

pre-mRNA

predictive values

premature closure

presenting complaint

pressure–volume loop

prevalence
/ˈprevələns/
primary active transport

primary structure
/ˈpraɪməri ˈstrʌktʃə/
proofreading

proximal/distal

pudendal nerve

pyramidal decussation

quaternary structure
/kwəˈtɜːnəri ˈstrʌktʃə/
radial nerve

red flag

reference interval

referred pain

regulatory T cell

relative risk

replication fork

resting potential
/ˈrestɪŋ pəˈtenʃl/
reuptake
/riːˈʌpteɪk/
ribosome
/ˈriːbəʊsəʊm/
Rinne test

rough endoplasmic
reticulum
/rʌf ˌendəʊˈplæzmɪk reˈtɪkjʊləm/
RTK

sagittal plane

saltatory conduction
/ˈsɒltətəri kənˈdʌkʃn/
sarcomere
/ˈsɑːkəmɪə/
SBAR handover

sciatic nerve

screening

second messenger
/ˈsekənd ˈmesɪndʒə/
secondary active transport

secondary structure
/ˈsekəndəri ˈstrʌktʃə/
sectioning

selection bias
/sɪˈlekʃn ˈbaɪəs/
selective toxicity

sensitivity
/ˌsensɪˈtɪvɪti/
septation

sequencing
/ˈsiːkwənsɪŋ/

serosa

shared decision-making

sigmoid

simple

simple diffusion
/ˈsɪmpl dɪˈfjuːʒn/

slow-wave sleep

specificity
/ˌspesɪˈfɪsɪti/

spinothalamic tract

splice

splicing

sporozoites

squamous

staining

standard precautions

Starling's law

steady state
/ˈstedi steɪt/

sterilisation

stratification

stratified
/ˈstrætɪfaɪd/

stratified squamous keratinised

stroke volume
/strəʊk ˈvɒljuːm/

submucosa

superior mesenteric artery

superior/inferior

Swiss cheese model

sympathetic nervous system
/ˌsɪmpəˈθetɪk ˈnɜːvəs ˈsɪstəm/

synapse
/ˈsɪnæps/

synonymous

systemic vascular resistance

systems review

T-cell receptor

target gland

TCA cycle

teach-back

teichoic acid

tertiary structure
/ˈtɜːʃəri ˈstrʌktʃə/

tetanus

therapeutic index

tolerance
/ˈtɒlərəns/

tonotopy

toxidromes

transamination

transcription
/trænˈskrɪpʃn/

English

transcription factor
/træn'skrɪpʃn 'fæktə/

translation
/træn'sleɪʃn/

transverse plane

trinucleotide repeat expansion

troponin
/'trɒpənɪn/

tumour suppressor gene

tunica intima

ulnar nerve

upper motor neuron

urea cycle

vagus nerve

variant of uncertain significance

Virchow's triad

voltage-gated Ca^{2+} channels

volume of distribution

warfarin

Wernicke's area
/'wɜːnɪks 'eərɪə/

X-linked dominant

X-linked recessive