

University Medicine

Glossary

· every term in the course, A–Z

English

absolute refractory period

ACE inhibitors

action potential

/ˈækʃn pəˈtenʃl/

ADH

/ˌeɪ diː ˈetʃ/

adventitia

adverse drug reactions

affinity maturation

alanine

aldosterone

alveolar gas equation

alveolus

anterior/posterior

antibody

/ˈæntɪbɒdi/

anticipation

/ænˈtɪsɪpeɪʃn/

anticoagulants

/ˌæntɪkəʊˈæɡjʊlənts/

antigenic drift

antigenic shift

apoptosis

/əpəpˈtəʊsɪs/

arcuate fasciculus

atherosclerosis

/ˌæθəˈrɒskləˈrəʊsɪs/

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

/ˈbrʊkəz ˈeəriə/

capacity

/kəˈpæsɪti/

capsid

/ˈkæpsɪd/

capsule

/ˈkæpsjuːl/

cardiac output

/ˈkɑːdiæk ˈaʊtpʊt/

carrier

/ˈkæriə/

English

Carter effect

case fatality

caseous necrosis

cauda equina

cell

/sel/

cell and molecular biology
for medicine

cell cycle

/sel 'saɪkl/

cell-cycle-specific

central dogma

central tolerance

chain of infection

checkpoint

/'tʃekpɔɪnt/

chromatin

cirrhosis

clearance

/'kliərəns/

cleavage

clinical foundations

clonal selection

/'kləʊnl sɪ'lekʃn/

co-stimulation

codon

/'kəʊdɒn/

coeliac trunk

collagen

/'kɒlədʒɪn/

English

columnar

compartment syndrome

competitive inhibition

complement

/ˈkɒmplɪmənt/

conduction aphasia

confidence interval

/ˈkɒnfɪdəns ˈɪntəvl/

confidentiality

/ˌkɒnfɪˌdɛnʃiˈæləti/

confounding

/kənˈfaʊndɪŋ/

connective tissue

conus medullaris

cooperativity

copy number variant

coronal plane

corticospinal tract

cranial nerve

cuboidal

dehydration

/ˌdiːˈhaɪˈdreɪʃn/

dendritic cell

dependence

/dɪˈpendəns/

dermatome

diapedesis

differential diagnosis

/ˌdɪfəˈrenʃl ˌdaɪəɡˈnəʊsɪs/

English

dimorphic fungus

diuretic

dorsal column

ectoderm

efficacy

/ˈefɪkəsi/

electron transport chain

/ɪˈlektɹən ˈtrænsˌpɔ:t tʃeɪn/

embedding

embolism

endoderm

enhancer

enteric nervous system

envelope

/ˈenvələʊp/

enzyme induction

enzyme inhibition

epidemiology

epigenetic

epigenetics

/ˌepɪdʒɪˈnetɪks/

epithelium

/ˌepɪˈθiːliəm/

evidence-based medicine

exotoxin

extracellular fluid

extracellular matrix

facilitated diffusion

/fəˈsɪlɪteɪtɪd dɪˈfjuːʒn/

English

fasting state

fatty streak

fed state

femoral nerve

fenestrated capillaries

fertilisation

/ˈfɜːtɪlaɪˈzeɪʃn/

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

/ˈgluːkæɡən/

English

gluconeogenesis

glutamate

/ˈgluːtəmeɪt/

glutamine

glycogen

/ˈglaiˌkədʒɪn/

glycolysis

/glaiˈkʊləsɪs/

Golgi

/ˈgɒlɡɪ/

GPCR

GRADE

Gram stain

granulation tissue

granulomas

H&E

haemoglobin

/ˈhiːməˈgləʊbɪn/

haemolysis

/hiːˈmɒləsɪs/

half-life

/hɑːf laɪf/

haploinsufficiency

Hardy–Weinberg

equilibrium

hemianopia

Henderson–Hasselbalch

equation

herd immunity

/hɜːd ɪˈmjuːnɪti/

heterogeneity

English

histology and embryology

history of presenting
complaint

homeostasis

/ˌhəʊmi:ə'sta:sɪz/

horizontal gene transfer

Horner syndrome

human anatomy

human physiology

hypersensitivity

hypothalamus

/ˌhaɪpəʊ'θæləməs/

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

English

karyotype

karyotyping

ketone bodies

K_m

lactate dehydrogenase

lagging strand

/ˈlæŋɪŋ 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

English

medical genetics

medical immunology

medical microbiology and
infection

meiosis

/meɪ'əʊsɪs/

menstrual cycle

/'menstru:əl 'saɪkl/

merozoites

mesoderm

metabotropic receptor

metaplasia

metastasis

methylation

/,meθɪ'leɪʃn/

Michaelis-Menten kinetics

microarray

/'maɪkrəʊəreɪ/

mismatch repair

missense

mitochondrial inheritance

mitochondrion

molecular mimicry

morula

mucosa

muscle

/'mʌsl/

muscularis externa

musculocutaneous nerve

English

natural killer cell

near-miss

necrosis

negative feedback

/ˈnegətɪv ˈfiːdbæk/

neoplasia

nephron

/ˈnefrɒn/

nephrotic syndrome

Nernst equation

/nɜːnst ɪˈkweɪʃn/

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

/ˈɒpɪɔɪdz/

English

optic chiasm

optic nerve

/ˈɒptɪk nɜːv/

over-diagnosis

oxygen dissociation curve

/ˈɒksɪdʒɪn dɪˌsəʊsiˈeɪʃn 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

/ˈpeptɪdɒɡlɪkən/

percussion

pericardium

peripheral tolerance

PFK-1

phagocyte

/ˈfæɡəsaɪt/

pharmacogenomics

pharmacology

phrenic nerve

English

pituitary

/pi'tju:ɪtəri/

portal hypertension

potency

pre-mRNA

predictive values

premature closure

presenting complaint

pressure–volume loop

prevalence

/'prevələns/

primary active transport

primary structure

/'praɪməri 'strʌktʃə/

proofreading

proximal/distal

pudendal nerve

pyramidal decussation

quaternary structure

/kwə'tɜ:nəri 'strʌktʃə/

radial nerve

red flag

reference interval

referred pain

regulatory T cell

relative risk

replication fork

English

resting potential

/ˈrestɪŋ pəˈtenʃl/

reuptake

/riːˈʌpteɪk/

ribosome

/ˈriːbəʊsəʊm/

Rinne test

rough endoplasmic

reticulum

/rʌf ˌendəʊˈplæzmɪk reˈtɪkjʊləm/

RTK

sagittal plane

saltatory conduction

/ˈsɒltətəri kənˈdʌkʃn/

sarcomere

/ˈsɑːkəmiə/

SBAR handover

sciatic nerve

screening

second messenger

/ˈsekənd ˈmesɪndʒə/

secondary active transport

secondary structure

/ˈsekəndəri ˈstrʌktʃə/

sectioning

selection bias

/sɪˈleɪʃn ˈbiəs/

selective toxicity

sensitivity

/ˌsensɪˈtɪvɪti/

septation

sequencing

/ˈsiːkwənsɪŋ/

English

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

/strʊk ˈvɒljuːm/

submucosa

English

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'skripʃn '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 'eəriə/

X-linked dominant

X-linked recessive
