

Cymraeg

**#Caru
Cymraeg**



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GEIRFA BIOLEG 4

BIOLOGY 4 VOCABULARY

acson
adamsugniad
adamsugniad detholus
adborth negatif
ad-drefniant
adeiledd ATP
adenosin deuffosffad

adenosin monoffosffad
adenosin triffosffad (ATP)

adwaith atgyrch
adwaith cyswllt
adwaith cyswllt
adwaith ecsergonig
adwaith endergonig
adwaith rhydocs
aelod disgynnol
aelod esgynnol
aerobau
aerobau anorfod
aibolaru
aigylchu maetholion
alfa
**amodau aerobig/
anaerobig**
amodau aseptig
amser magu
anaerobau amryddawn
anaerobau anorfod
anathraidd
anifeiliaid diffeithdir
anwadaliad anwadalu

axon
reabsorption
selective reabsorption
negative feedback
rearrangement
ATP structure
adenosine diphosphate
adenosine
monophosphate
adenosine triphosphate (ATP)
reflex action
link reaction
link reaction
exergonic reaction
endergonic reaction
redox reaction
descending limb
ascending limb
aerobes
obligate aerobes
repolarisation
nutrient recycling
outlet
aerobic/ anaerobic conditions
aseptic conditions
incubation time
facultative anaerobes
obligate anaerobes
impermeable
desert animals
fluctuation to fluctuate

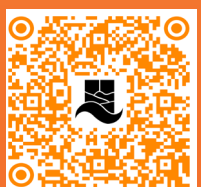
aquaporinau
arbelydru
aredig
aren
asetyl coA
asetyl colin
asid lactig
asid pyrwwig
asid wrig
asidau amino
asidau brasterog
atffurfio
athraidd
athreiddedd
athreiddedd cyfyngedig
ATP synthetas
awtoradiogram
awyriad gorfodol
awyrydd

bacillus/ bacilli
bacteria Gram negatif
bacteria Gram positif
bacteria sefydlogi
nitrogen
Bas nitrogenaidd
biogroniad
breithell
buanedd dargludiad
bwlyn synaptig

aquaporins
irradiate
ploughing
kidney
acetyl co A
acetyl choline
lactic acid
pyruvic acid
uric acid
amino acids
fatty acids
regenerate
permeable
permeability
restricted permeability
ATP synthetase
autoradiogram
forced aeration
sparger

bacillus/ bacilli
Gram negative bacteria
Gram positive bacteria
nitrogen fixing bacteria

Nitrogenous base
bioaccumulation
grey matter
speed of conduction
synaptic knob



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**#Love
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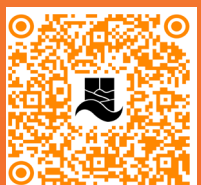
BIOLOGY 4 VOCABULARY

cadwyn cludiant
electronau
cadwyn trosglwyddo
electronau
camlas ganolog
canfodydd
canolfan adweithio
caroten
carotenyn
cell actif yn fetabolaidd
cell Schwann
cellgorff
cemiosmosis
chwalfa poblogaeth
chwarren bitwidol
chwarren endocrin
chwynladdwyr
citrad
cloroffyl a
Cloroffyl b
cloroplast
clorosis
cludiant actif
cludydd egni
clystyru celloedd
coccus/ cocci
colinesteras
cortecs
croesgysylltu
cromatograffaeth
cromlin twf
cwpan Bowman
cydbwysedd dynamig
cyd-drefnydd

electron transport chain
electron transport chain
central canal
detector
reaction centre
carotene
carotenoid
metabolically active cell
Schwann cell
cell body
chemiosmosis
population crash
pituitary gland
endocrine gland
herbicides
citrate
chlorophyll a
Chlorophyll b
chloroplast
chlorosis
active transport
energy carrier
clumping of cells
coccus/ cocci
cholinesterase
cortex
crosslink
chromatography
growth curve
Bowman's capsule
dynamic balance
coordinator

cydensym
cydffactor
cydgysylltydd
cyfangiad cyhyrol
cyfanswm cynnyrch
net
cyffuriau ataliol
cyffuriau cyffroi
cyflenwad wedi'i
ddarwagio e.e.
glwcos
cyfnewidiwr egn
i cyffredinol
cyfnod (gwedd)
esbonyddol
cyfnod di-ddigwydd
cyfnod digyfnewid
cyfnod golau-
annibynnol
cyfnod golau-
ddibynnol
cyfnod marwolaeth
cyfnod oedi
cyfradd geni
Cyfradd marw
cyfrif bacteria
cyfrif cyfanswm
cyfrif hyfyw
cyfrwng
cyfrwng meithrin
cylchred (fetabolaidd)
Krebs
cylchred Calvin

co-enzyme
cofactor
coordinator
muscle contraction
total net gain
inhibitory drugs
excitatory drugs
depleted supply e.g.
glucose
universal energy
currency
exponential phase
refractory period
stationary phase
light independent stage
light dependent stage
death phase
lag phase
birth rate
Death rate
bacterial count
total count
viable count
agent
culture medium
Krebs cycle
Calvin cycle



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BIOLOGY 4 VOCABULARY

**cymhlygyn antena
cymylogrwydd
cynaeafu
cynhwysedd cludo
cynhyrfu (electron)
cystadleuaeth
fewnrywogaethol
cystadleuaeth
ryngrywogaethol
cytref(i)**

**antenna complex
turbidity
harvest
carrying capacity
excite (electron)
Intraspecific
competition
interspecific
competition
colony/ colonies**

**dolen frechu (dolen wifr)
dolen Henle
draenio
dwythell gasglu**

**inoculating loop (wire loop)
loop of Henle
draining
collecting duct**

**darnau cydrannol
dadamineiddiad
dadbolariad
dadhydrogeniad
dadnitreiddiad
dargludiad neidiol
datgarbocsyleiddiad
datgoedwigo
ddim yn barhaus
deddf popeth neu
ddim degplyg
dendridau
derbynnnydd electron
terfynol
derbynnnydd electron
derbynnnydd(ion)
diamineiddiad
difa
diffyg
diheintio
dolen adborth
osmoreolaethol**

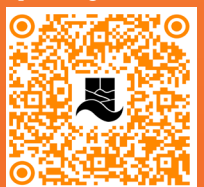
**component parts
deamination
depolarisation
dehydrogenation
denitrification
saltatory conduction
decarboxylation
deforestation
non-persistent
all or nothing law
tenfold
dendrites
final electron acceptor**

**echdynnu
echdynnyn
ecwilibriwm
effeithydd(ion)
egni actifadu
electron
endosborau
eplesiad
eplesu
eplesydd swp-feithrin**

**to extract
extract
equilibrium
effector(s)
activation energy
electron
endospores
fermentation
to ferment
batch culture fermenter**

**fasa recta
fesigl synaptig
ffactor cyfyngol
ffactorau dwysedd-
annibynnol
ffactorau dwysedd-
ddibynnol
ffaeoffytin
fflorigen
ffosfforyleiddiad
ffosfforyleiddiad lefel
swbstrad
ffosfforyleiddiad ocsidiol
ffotoffosfforyleiddiad
ffotoffosfforyleiddiad
anghylchol**

**vasa recta
synaptic vesicle
limiting factor
density-independent
factors
density-dependent
factors
phaeophytin
florigen
phosphorylation
substrate level
phosphorylation
oxidative
phosphorylation
photophosphorylation
non-cyclic
photophosphorylation**



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BIOLOGY 4 VOCABULARY

ffotoffosfforyleiddiad
cylchol
ffotogyfnodedd
ffotolysis
ffotonau golau
ffotosystem I a II
ffwngleiddiaid
ffwrn aerglos
ffytocromau
flagellum/flagella

cyclic
photophosphorylation
photoperiodism
photolysis
light photons
photosystem I and II
fungicides
autoclave
phytochromes
flagellum/flagella

gwenwyndra
gwreiddgnepynnau
gwreiddyn dorsal
gwreiddyn fentrol
gwrthstaen
gwynnin
gwythïen arenol

toxicity
root nodules
dorsal root
ventral root
counterstain
white matter
renal vein

ganglion nerf dorsal
glomerwlws
glycolysis
glyserad-3-ffosffad
glyserol
goddefol
gofod llawn llifydd
gofod rhyngbilennol
gogr moleciwlaidd
graddiant electrocemegol

dorsal nerve ganglion
glomerulus
glycolysis
glycerate-3-phosphate
glycerol
passive
fluid filled space
intermembrane space
molecular sieve
electrochemical
gradient

haemocytomedr
halogi
Hecsos ffosffad
hidliad dan wasgedd
hidlif
hidlydd
hollt synaptig
homeostasis
hormon
gwrthddiwretig
hylif allgellog
hylif gweddilliol/
hylif sy'n weddill
hylogsiad
hypothalamws

haemocytometer
contaminate
Hexose phosphate
filtration under pressure
filtrate
filter
synaptic cleft
homeostasis
anti-diuretic hormone

graddiant osmotig
gronynnau coesog
gwaglyn
gwahaniaeth potensial
gwain fyelin
gwanediad cyfresol
gwasgedd hydrostatig
gweithgaredd cellol
gweithrediadau
amddiffynnol
anwirfoddol

osmotic gradient
stalk particles
space
potential difference
myelin sheath
serial dilution
hydrostatic pressure
cell activity
protective involuntary
action

ïonau amoniwm

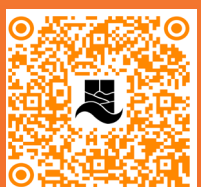
extracellular fluid
residual liquid

combustion
hypothalamus

ammonium ions

lipidau
lipopolysacaridau
llabed (ôl) y chwarren
bitwidol
lledaeniad yr
ysgogiad nerfol

lipids
lipopolysaccharide
(posterior) lobe of the
pituitary gland
propagation of the nerve
impulse



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BIOLOGY 4 VOCABULARY

**llif protonau
llwybr atgyrch**

**proton flow
reflex arc**

**niwron echddygol
niwron synhwyrdd
niwrotrawsyrrydd
nodau Ranvier
noradrenalin**

**motor neurone
sensory neurone
neurotransmitter
nodes of Ranvier
noradrenaline**

**madruddyn y cefn
maetholion anorganig
magu
magu bacteria
magwrydd
matrics
medwla
meinwe balis
meithrin e.e. bacteria
meithriniad(au)
metabolaeth eilaidd
metabolyn cynradd
metabolyn eilaidd
methylen glas
mewnfa
mewnfudo
microelectrodau
micro-organebau
mitochondrion/
mitochondria
moleciwl derbyn pum
carbon
moleciwlau cadwyn hir
mudo
myeliniad
neffron
nerf gysylltiol
nerfau perifferal
nerfrwyd
nitreiddiad
niwron cysylltiol (relái)**

**spinal cord
inorganic nutrients
incubation
incubate bacteria
incubator
matrix
medulla
palisade tissue
to culture e.g. bacteria
culture(s)
secondary metabolism
primary metabolyte
secondary metabolyte
methylene blue
inlet
immigration
microelectrodes
micro-organisms
mitochondrion/
mitochondria
five carbon acceptor
molecule
long chain molecules
migration
myelination
nephron
connector nerve
peripheral nerves
nerve net
nitrification
connector/ relay neurone**

**ocsaloasetad
ocsidiad
olyniaeth eilaidd
olyniaeth gynradd
organeb fuddiol
organoffosffadau
osgilosgop
osgilosgop pelydrau
catod
osmodderbynyddion
(derbynyddion osmotig)
osmoreolaeth**

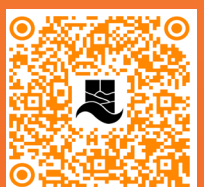
**oxaloacetate
oxidation
secondary succession
primary succession
beneficial organism
organophosphates
oscilloscope
cathode ray oscilloscope**

**osmoreceptors
(osmotic receptors)
osmoregulation**

**pathogenig
pelfis
pen pella'r tiwbyn
troellog / tiwbyn
troellog pen pella
penisilin
perthynas symbiotig
pigmentau ategol
pilen cynsynaptig
pilen fewnol
pilen ôl-synaptig
pilen waelodol
pilenni'r ymennydd
pla/ plâu**

**pathogenic
pelvis
distal convoluted tubule**

**penicillin
symbiotic relationship
accessory pigments
pre-synaptic membrane
inner membrane
post-synaptic membrane
base membrane
meninges
pest(s)**



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BIOLOGY 4 VOCABULARY

paleiddiaid
planhigion codlysol
planhigion dydd niwtral
planhigion dydd byr
planhigion dydd hir
pledren
podocyt
potensial gorffwys
potensial gweithredu
pridd dwrlawn
prif system nerfol (y brif)

proteinau plasma
pryfleiddiaid
pwmp cyfnewid
pwmp proton
pwmp/ pypmiau proton
pwynt gosod
pydredd
pyrwfad
pysgodyn dŵr croyw

radio isotop
rheoli biolegol
rheoli pla mewn modd integredig
rhwystr detholus
rhydweili arenol
rhydweiliyn afferol
rhydweiliyn echddygol
rhydwytho rhydwythiad
rhyng-drawsnewidiad
rhyngolyn (rhyngolynnau)
ribwlos bisffosffad
rbwisco

pesticides
leguminous plants
day neutral plants
short-day plants
long-day plants
bladder
podocyte
resting potential
action potential
waterlogged soil
central nervous system (CNS)

plasma proteins
insecticides
exchange pump
proton pump
proton pump(s)
set point
putrification (rotting)
pyruvate
fresh water fish

radio isotope
biological control
integrated pest management
selective barrier
renal artery
afferent arteriole
efferent arteriole
to reduce reduction
inter-conversion
intermediate
ribulose biphosphate
rubisco

santhoffyl
saprobiontau
sbectrwm amsugno/ amsugniad
sbectrwm gweithredu
secrediad
sefydlogiad nitrogen
sefydlogrwydd
seicoweithredol
siaced ddŵr (siacedi dŵr)
siâp rhoden
spirilwm
staen fioled grisial
staen Gram
stroma
stroma
swbstrad resbiradol
symbyliad
synaps
synhwyrdd
synthesis
system adborth
system lluosydd gwrth gerrynt (bachdro)

targed
techneg aseptic
techneg platio
gwanediad
terfynau nerf
thylacoid

xanthophyl
saprobionts
absorption spectrum
action spectrum
secretion
nitrogen fixation
stability
psychoactive
water jacket(s)

rod shaped
spirillum
crystal violet stain
Gram stain
stroma
stroma
respiratory substrate
stimulus
synapse
sensor
synthesis
feedback system
(hair-pin) counter current multiplier system

target
aseptic technique
dilution plating
technique
nerve endings
thylakoid



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tiwbyn procsimol troellog	proximal convoluted tubule	uchafbwynt cymuned uwch-hidlo	climax community ultrafiltration
tonfedd	wavelength	wrea	urea
trawsddygiadur	transducer	wreter	ureter
trawsddygiadur(on)	transducer(s)	wrethra	urethra
trawsnewid egni	conversion of energy	y gylchred garbon	carbon cycle
trios ffosffad	triose phosphate	y gylchred nitrogen	nitrogen cycle
troad (o gylchred)	turn (of cycle)	ymddatodiad glwcos	breakdown of glucose
troellog	spiral	ymddatodiad organig	organic breakdown
troeth / wrin	urine	ymfudo	emigration
trosglwyddiad synaptig	synaptic transmission	ymholliad deul	binary fission
trosglwyddo (ysgogiad nerfol)	conduct/ing (nerve impulse)	ysgarthiad nitrogenaidd	nitrogenous excretion
trosglwyddydd	transmitter	ysgogiad nerfol	nerve impulse
trothwy difrod	economic damage	ystifflog	squid
economaidd	threshold		
trylediad cynorthwyedig	facilitated diffusion		
tryledu	to diffuse		
twf microbaidd	microbial growth		
twf poblogaeth	population growth		
tymheredd optimwm	optimum temperature		
tyrbid	turbid		
tyrbidimetreg	turbidimetry		

