

Biochemistry Word List English–Norwegian

A

Acetal – Acetal
Acetyl Coenzyme A – Acetyl-koenzym A
Acid – Syre
Acid-base catalysis – Syre-base katalyse
Acid dissociation constant (K_a) – Syrekonstanten (K_a)
Actin – Aktin
Activation energy – Aktivierungsenergi
Activation energy barrier – Aktivierungsenergi-barriere
Active site – Aktivt sete
Adenine – Adenin
Aerobic – Aerob
Alanine – Alanin
Aldol reaction – Aldolreaksjon
Aldose – Aldose
Allosteric protein – Allosterisk protein
Allosteric regulation – Allosterisk regulering
Allosteric site (regulatory site) – Allosterisk sete
Alpha helix – Alfaheliks
Amino Acid – Aminosyre
Amphipathic – Amfipatisk
Amplitude – Amplitude
Amylose – Amylose
Anabolism – Anabolisme
Anaerobic – Anaerob
Animal – Dyr
Anomer – Anomer
Antibiotics – Antibiotika
Antibody – Antistoff
Anticodon – Antikodon
Antioxidant – Antioksidant
Antiporter – Antiport

Antisense strand – Antisense tråd
Archaea – Arkebakterier
Arginine – Arginin
Asparagine – Asparagin
Aspartic acid/ Aspartate – Asparaginsyre/ Aspartat
Attenuation – Attenuering
Autotroph – Autotrof
Axon – Akson

B

Backbone – Rygggrad
Bacterium – Bakterie
Base – Base
Base pair – Basepar
Beta barrel – Betatønne
Beta sheet – Betaflak
Bile – Galle
Bile salts – Gallesalter
Binding site – Bindingssete
Biological dogma – Biologisk dogma
Biotechnology – Bioteknologi
Blood group antigen – Blodtype antigen
Blunt end – Avstumpede/butt ende

C

Calvin cycle – Calvin syklus
Cap – Hette/endestykke
Carbohydrate – Karbohydrat
Carbon dioxide – Karbondioksid
Carcinogen – Karsinogen/kreftfremkallende
Carotene – Karoten
Cartilage – Brusk

Cascade – Kaskade
Catabolism – Katabolisme
Catalyst – Katalysator
Catalytic center – Katalytisk senter
Catalytic triad – Katalytisk triade
cDNA library – cDNA-bibliotek
Cell – Celle
Cell cycle – Cellesyklus
Cell membrane – Cellemembran
Cell nucleus – Cellekjerne
Cellobiose – Cellobiose
Cellulose – Cellulose
Cell wall – Cellevegg
Ceramide – Ceramid
Channel – Kanal
Chaperone – Chaperon
Chiral – Kiral
Chlorophyll – Klorofyll
Chloroplast – Kloroplast
Cholesterol – Kolesterol
Chromatin – Kromatin
Chromatography – Kromatografi
Chromosome – Kromosom
Cis/trans isomers – Cis/trans isomerer
Citric acid cycle – Sitronsyresyklusen (Krebs syklus)
Cleavage – Separere/bryte
Codon – Kodon
Coenzyme – Koenzym
Cofactor – Kofaktor
Coiled coil – Sammenkveilede helikser
Collagen – Kollagen
Competitive inhibition – Konkurrerende hemming
Configuration – Konfigurasjon
Conformation – Konformasjon
Conjugated acid – Konjugert syre

Conjugated base – Konjugert base
Consensus sequence – Konsensussekvens
Cooperativity – Kooperativitet
Covalent catalysis – Kovalent katalyse
Crystal – Krystall
C-terminus – C-terminus / C-terminal ende
Cysteine – Cystein
Cytoplasm – Cytoplasma
Cytosine – Cytosin
Cytoskeleton – Cytoskjellelett
Cytosol – Cytosol

D

Dark reaction – Mørk reaksjon
Degeneracy – Degenerering
Denaturation – Denaturering
Dendrite – Dendritt
Deoxyribonucleic acid (DNA) – Deoksyribonukleinsyre (DNA)
Diastereomer – Diastereomer
Diffraction – Diffraksjon
Diffusion – Diffusjon
Disaccharide – Disakkarid
Disulfide bond – Disulfidbinding
Disulfide bridge – Disulfidbro
DNA repair – DNA-reparasjon
DNA replication – DNA-replikasjon
Domain – Domene
Double helix – Dobbhelix
Drug – Legemiddel

E

Electric potential – Elektrisk potensial
Electron density map – Elektronetthetskart
Electron microscopy – Elektronmikroskopi

Electron-transport chain – Elektrontransportkjeden

Electrophile – Elektrofil

Electrophoresis – Elektroforese

Electrostatic interaction – Elektrostatisk interaksjon

Electrostatic potential – Elektrostatisk potensial

Elongation factor – Elongeringsfaktor

Enantiomer – Enantiomer

Endocytosis – Endocytose

Endoplasmic reticulum (rough, smooth) – Endoplasmatisk retikulum (kornet, glatt)

Endosome – Endosom

Endosymbiosis – Endosymbiose

Enthalpy – Entalpi

Entropy – Entropi

Enzymatic reaction – Enzymatisk reaksjon

Enzyme – Enzym

Enzyme catalysis – Enzymkatalyse

Epimer – Epimer

Equilibrium – Likevekt

Equilibrium constant (K_{eq}) – Likevektskonstant

Essential amino acid – Essensiell aminosyre

Essential fatty acid – Essensiell fettsyre

Eukaryote – Eukaryote

Evolution – Evolusjon

Excision repair – Utkuttingsreparasjon

Exocytosis – Eksocytose

Exon – Ekson

Expression vector – Uttrykingsvektor

F

Facilitated diffusion – Mediert transport

Facultative anaerobe – Fakultativ anaerob

Fatty acid – Fettsyre

Feedback inhibition – Feedback hemming

Fermentation – Fermentering

Fischer projection – Fischer-projeksjon

Flux – Fluks

Fold – Fold/Brett

Free radical – Fritt radikal

Fructose – Fruktose

Fungi – Sopp

Furanose – Furanose

G

Galactose – Galaktose

Ganglioside – Gangliosid

Gastrointestinal tract – Mage-tarm systemet

Gene – Gen

Gene expression – Genutrykk

General acid-base catalysis – Generell syre-base katalyse

Genetically modified organisms (GMOs) – Genetisk modifiserte organismer

Genetic code – Genetisk kode

Genetic recombination – Genetisk rekombinasjon

Genetic transformation – Genetisk transformasjon

Genome – Genom

Genomic library – Genomisk bibliotek

Gibbs free energy – Gibbs fri energi

Globular protein – Globulært protein

Gluconeogenesis – Glukoneogenese

Glucose – Glukose

Glutamate – Glutamat

Glutamine – Glutamin

Glycan – Glykan

Glycine – Glysin

Glycoconjugate – Glykokonjugat

Glycogen – Glykogen

Glycolipid – Glykolipid

Glycolysis – Glykolyse

Glycosidic bond – Glykosidisk binding

Glycosylation – Glykosylering

Golgi apparatus – Golgiapparatet

Growth factor – Vekstfaktor

Guanine – Guanin

H

Half life – Halveringstid

Heat-shock protein – Varme-sjokk protein

Helix – Heliks

Heme/haem – Heme

Hemiacetal – Hemiacetal

Hemoglobin – Hemoglobin

Heterochromatin – Heterokromatin

Heterotroph – Heterotrof

High-density lipoprotein – Høy-tetthets lipoprotein

Histidine – Histidin

Histone – Histon

Homeostasis – Homeostase

Homologous recombination – Homolog rekombinasjon

Human – Menneske

Hydration – Hydrering

Hydrogen – Hydrogen

Hydrogen bond – Hydrogen binding

Hydrolase – Hydrolase

Hydrolysis (hydrolytic cleavage) – Hydrolyse

Hydrophilic – Hydrofil

Hydrophobic effect – Hydrofobisk effekt

Hydrophobic interaction – Hydrofobisk interaksjon

Hydrophobicity – Hydrofobisitet

I

Induced fit – Indusert passform

Inducer – Induser

Initiation factor – Initieringsfaktor

Intermediate density lipoprotein – Intermediærtetthetslipoprotein

Intermediate filaments – Intermediære filamenter

Intron – Intron

Ion channel – Ionekanal

Ion pair – Ionepar

Isoelectric focusing – Isoelektrisk fokusering

Isoelectric point (pI) – Isoelektrisk punkt

Isoleucine – Isoleucin

Isomer – Isomer

Isomerase – Isomerase

Isomerisation – Isomerisering

J

Junk-DNA – Søppel DNA

K

Keratin – Keratin

Ketose – Ketose

Kinase – Kinase

Kinetics – Kinetikk

L

Lactate – Laktat, melkesyre

Lactose – Laktose, melkesukker

Lateral diffusion – Lateral diffusjon

Lectin – Lektin

Leucine – Leucin

Ligand – Ligand

Ligase – Ligase

Light <dependent> reaction – Lys<avhengig> reaksjon

Lipase – Lipase

Lipid – Lipid

Lipid bilayer – Lipid dobbeltlag

Lipid raft – Lipid flåte

Lipopolysaccharide – Lipopolysakkarid
Lipoprotein – Lipoprotein
Liposome – Liposom
Loop – Løkke
Low-density lipoprotein – Lavtethetslipoprotein
Lyase – Lyase
Lysine – Lysin
Lysosome – Lysosom
Lysozyme – Lysozym

M

Magnetic spin – Magnetisk spin
Major groove – Store fure
Maltose – Maltose
Mammal – Pattedyr
Mannose – Mannose
Mass spectrometry – Massespektrometri
Meiosis – Meiose
Melting point (T_m) – Smeltepunkt
Membrane – Membran
Membrane protein – Membranprotein
Membrane transport – Membrantransport
Messenger RNA – Budbringer RNA
Metabolic pathway – Metabolisk reaksjonsvei
Metabolism – Metabolisme
Metabolite – Metabolitt
Methionine – Metionin
Micelle – Micelle
Microfilament – Mikrofilament
Microtubule – Mikrotubulus
Minor groove – Lille fure
Mirror image – Speilbilde
Mirror plane – Speilplan
Mitochondria – Mitochondrie

Mitochondrial matrix – Mitochondrie matris
Mitosis – Mitose
Mitotic spindle – Mitotisk spindel
Molar mass – Molar masse
Molecular biology – Molekylærbiologi
Molecular weight – Molekylvekt
Monochromatic radiation – Monokromatisk stråling
Monomer – Monomer
Monosaccharide – Monosakkarid
Mutagen – Mutagen
Mutation – Mutasjon
Myelin sheath – Myelinlag
Myoglobin – Myoglobin

N

Natural selection – Naturlig seleksjon/utvalg
Neuron – Nevron
Nitrogen – Nitrogen
Nitrogen fixation – Nitrogenfiksering
Nonessential amino acid – Ikke-essensiell aminosyre
N-terminus – N-terminal ende
Nuclear envelope – Kjernemembranen
Nuclear magnetic resonance spectroscopy – Kjernemagnetisk resonansspektroskopi
Nucleation – Kimdannelse
Nucleic acid – Nukleinsyre
Nucleolus – Nukleol
Nucleophile – Nukleofil
Nucleophilic attack – Nukleofil angrep
Nucleoside – Nukleosid
Nucleosome – Nukleosom
Nucleosome core particle – Nukleosomkjernepartikkel
Nucleotide – Nukleotid
Nucleus – Kjerne

O

Oligosaccharide – Oligosakkarid
Oncogene – Onkogen/Kreftgen
Operon – Operon
Organelle – Organelle
Origin of replication – Replikasjonsorigo
Osmosis – Osmose
Osmotic pressure – Osmotisk trykk
Oxidation – Oksidasjon
Oxidizing agent – Oksidasjonsmiddel
Oxidoreductase – Oksidoreduktase
Oxygen – Oksygen

P

Passiv transport – Passiv transport
Pentose – Pentose
Peptide – Peptid
Peptide bond – Peptidbinding
Peptide group – Peptidgruppe
Peptidoglycan – Peptidoglykan
Phase – Fase
Phase problem – Faseproblemet
Phenylalanine – Fenylalanin
Phospholipid – Fosfolipid
Phosphorylation – Fosforylering
Photosynthesis – Fotosyntese
Photosystem – Fotosystem
Phylogenetic tree – Stamtre
Physiological pH – Fysiologisk pH
Plant – Plante
Plasma membrane – Plasmamembran
Polymerase – Polymerase
Polymerase Chain Reaction (PCR) – Polymerasekjedereaksjon
Polypeptide – Polypeptid

Polysaccharide – Polysakkarid

Pore – Pore
Posttranscriptional modification – Posttranskripsjonell modifikasjon
Posttranscriptional processing – Posttranskripsjonell prosessering
Primary structure – Primerstruktur
Primer – Primer
Projection – Proeksjon
Prokaryote – Prokaryot
Proline – Prolin
Promoter – Promotor
Prosthetic group – Prostetisk gruppe
Protease – Protease
Protein – Protein
Protein biosynthesis – Protein biosyntese
Protein digestion – Protein nedbrytning
Protein fold – Protein brett/fold eller Proteinkjedefolding
Proteoglycan – Proteoglykan
Promoter – Promotor
Proton gradient – Protongradient
Protonmotive force – ?
Purine – Purin
Pyranose – Pyranose
Pyrimidine – Pyrimidin
Pyruvate – Pyruvat

Q

Quaternary structure – Kvarterstruktur

R

Radiation damage – Stråleskade
Radical – Radikal
Ramachandran plot – Ramachandran plot
Reaction – Reaksjon

Reaction center – Reaksjonscenter
Reaction intermediate – Reaksjonsintermediat
Reaction mechanism – Reaksjonsmekanisme
Reaction rate – Reaksjonsfart
Reading frame – Leseramme
Receptor – Reseptor
Recombinant DNA – Rekombinant DNA
Redox reaction – Redoksreaksjon
Reducing agent – Reduksjonsmiddel
Reducing end – Reduserende ende
Reduction – Reduksjon
Reduction potential – Reduksjonspotensial
Refolding – Renaturering
Regulatory protein – Regulatorisk protein
Regulatory site – Regulatorisk sete
Renaturation – Renaturering
Replication – Replikasjon
Replication fork – Replikasjonsgaffel
Repressor – Repressor
Residue – Residu / Aminosyrerest
Respiratory chain – Respirasjonkjede
Restriction enzyme – Restriksjonsenzym
Resolution – Oppløsning
Ribonucleic acid (RNA) – Ribonukleinsyre (RNA)
Ribose – Ribose
Ribosome – Ribosom
Ribozyme – Ribozym
Rickets – Rakitt
RNA processing – RNA-prosessering

S

Saccharide – Sakkarid
Saturated fatty acid – Mettet fettsyre
Scurvy – Skjorbuk
Secondary structure – Sekundærstruktur

Second messenger – Sekundær budbringer
Semiconservative – Semikonservativ
Sense strand – Sense tråd
Serine – Serin
Shuttle processes – ?
Specific acid–base catalysis – Spesifikk syre-base katalyse
Spectroscopy – Spektroskopi
Spectrum – Spektrum
Sphingolipid – Sfingolipid
Sphingosine – Sfingosin
Spin – Spin
Starch – Stivelse
Start codon – Startkodon
Steady state – ?
Stem cell – Stamcelle
Stereochemistry – Stereokjemi
Stereoisomer – Stereoisomer
Stereospecificity – Stereospesifisitet
Steroid – Steroid
Sticky end – Klebrig ende
Stop codon – Stoppkodon
Structural motif – Strukturmotiv
Substrate – Substrat
Substrate recognition – Substratgjenkjenning
Subunit – Subenhet
Sucrose – Sukrose
Supercoil – Superkveil/spiral
Supersecondary structure – Supersekundærstruktur
Symmetry – Symmetri
Symport – Symport

T

TATA Box – TATA-boks
Tautomerism – Tautomerisme
Terpene – Terpen

Tertiary structure – Tertiærstruktur
Threonine – Treonin
Thymine – Tymin
TIM barrel – TIM tønne
Tissue – Vev
Titration curve – Titreringskurve
Torsion angle – Torsjonsvinkel
Trace elements – Sporgrunnstoff
Transcription – Transkripsjon
Transcription factor – Transkripsjonsfaktor
Transcription initiation complex – Transkripsjonsinitieringskompleks

Transfection – Transfeksjon
Transferase – Transferase
Transfer RNA – Transport RNA

Transition state – Overgangstillstand
Transition state analog – Overgangstillstandsanalog

Transition state stabilization – Overgangstillstandsstabilisering

Translation – Translasjon

Translational initiation complex – Translasjonsinitieringskompleks

Translational initiation factor – Translasjonsinitieringsfaktor

Triglyceride – Triglyserid

Tryptophan – Tryptofan

Tyrosine – Tyrosin

U

Unsaturated fatty acid – Umettet fettsyre

Uracil – Uracil

V

Vacuole – Vakuole

Valine – Valin

Van der Waals interaction – Van der Waals-interaksjon

Van der Waals surface – Van der Waals-overflate

Vesicle – Vesikkel

Vesicular transport – Vesikulær transport

Virus – Virus

Vision – Syn

Vitamine – Vitamin

W

Wax – Voks

Wobble base – ?

X

X-ray crystallography – Røntgenkristallografi

X-rays – Røntgenstråler

Xylose – Xylose

Z

Zwitterion – Zwitterion

Zymogen (proenzyme) – Proenzym

Biokjemisk Ordliste Norsk–Engelsk

A

Acetal – Acetal
Acetylkoenzym A – Acetyl Coenzyme A
Adenin – Adenine
Aerob – Aerobic/Obligate aerobe
Akson – Axon
Aktin – Actin
Aktiveringsenergi – Activation energy
Aktiveringsenergi-barriere – Activation energy barrier
Aktivt sete – Active site
Alanin – Alanine
Aldol reaksjon – Aldol reaction
Aldose – Aldose
Alfaheliks – Alpha helix
Allosterisk protein – Allosteric protein
Allosterisk regulering – Allosteric regulation
Allosterisk sete – Allosteric site (regulatory site)
Amfipatisk – Amphipathic
Aminosyre – Amino Acid
Amplitude – Amplitude
Amylose – Amylose
Anabolisme – Anabolism
Anaerob – Anaerobic/Obligate Anaerobe
Anomer – Anomer
Antibiotika – Antibiotics
Antikodon – Anticodon
Antioksidant – Antioxidant
Antiport – Antiporter
Antisense tråd – Antisense strand
Antistoff – Antibody
Arginin – Arginine
Arkebakterier – Archaea

Asparagin – Asparagine
Asparaginsyre/Aspartat – Aspartic acid/Aspartate
Attenuering – Attenuation
Autotrofi – Autotroph
Avstumpede ende/Butt ende – Blunt end

B

Bakterie – Bacterium
Base – Base
Basepar – Base pair
Betaflak – Beta sheet
Betatønne – Beta barrel
Bindingssete – Binding site
Biologisk dogma – Biological dogma
Bioteknologi – Biotechnology
Blodtype antigen – Blood group antigen
Brett/Fold – Fold
Brusk – Cartilage
Budbringer-RNA – Messenger RNA
Butt ende/Avstumpede ende – Blunt end

C

Calvin syklus – Calvin cycle
cDNA bibliotek – cDNA library
Celle – Cell
Cellekjerne – Cell nucleus
Cellemembran – Cell membrane
Cellessyklus – Celle cycle
Cellevegg – Cell wall
Cellulose – Cellulose
Ceramid – Ceramide

Chaperon/Anstand – Chaperone
Cis/trans isomerer – Cis/trans isomers
C-terminus/ C-terminal ende – C-terminus
Cystein – Cysteine
Cytoplasma – Cytoplasm
Cytosin – Cytosine
Cytoskjelettet – Cytoskeleton
Cytosol – Cytosol

D

Degenerering – Degeneracy
Denaturering – Denaturation
Dendritt – Dendrite
Deoksyribonukleinsyre (DNA) – Deoxyribonucleic acid (DNA)
Diastereomer – Diastereomer
Diffraksjon – Diffraction
Diffusjon – Diffusion
Disakkarid – Disaccharide
Disulfidbinding – Disulfide bond
Disulfidbro – Disulfid bridge
DNA-reparasjon – DNA repair
DNA-replikasjon – DNA replication
Dobbelhelix – Double helix
Domene – Domain
Druesukker, Glukose – Glucose
Dyr – Animal

E

Eksocytose – Exocytosis
Ekson – Exon
Elektrisk potensial – Electrical potential
Elektrofil – Electrophile
Elektroforese – Electrophoresis
Elektronmikroskopi – Electron microscopy

Elektrontetthetskart – Electron density map
Elektrontransportkjeden – Electron–transport chain
Elektrostatisk interaksjon – Electrostatic interaction
Elektrostatisk potensial – Electrostatic potential
Elongeringsfaktor – Elongation factor
Enantiomer – Enantiomer
Endocytose – Endocytosis
Endoplasmatisk retikulum (kornet/ru, glatt) – Endoplasmic reticulum (rough, smooth)
Endosom – Endosome
Endosymbiose – Endosymbiosis
Entalpi – Enthalpy
Entropi – Entropy
Enzym – Enzyme
Enzymatisk reaksjon – Enzymatic reaction
Enzymkatalyse – Enzyme catalysis
Epimer – Epimer
Essensiell aminosyre – Essential amino acid
Essensiell fettsyre – Essential fatty acid
Eukaryote – Eukaryote
Evolusjon – Evolution

F

Fakultativ anaerob – Facultative anaerobe
Fase – Phase
Faseproblemet – Phase problem
Fenylalanin – Phenylalanine
Fermentering – Fermentation
Fettløslig vitamin – Fat–soluble vitamin
Fettsyre – Fatty acid
Fischerprojeksjon – Fischer projection
Fold/Brett – Fold
Fosfolipid – Phospholipid
Fosforylering – Phosphorylation
Fotosyntese – Photosynthesis

Fotosystem – Photosystem

Fouriertransformasjon – Fourier transform

Fritt radikal – Free radical

Fruktose, Fruktosukker – Fructose

Furanose – Furanose

Fysiologisk pH – Physiological pH

G

Galaktose – Galactose

Galle – Bile

Gallesalter – Bile salts

Gangliosid – Ganglioside

Gen – Gene

Generell syre–base katalyse – General acid–base catalysis

Genetisk kode – Genetic code

Genetisk modifiserte organismer – Genetically modified organisms (GMOs)

Genetisk rekombinasjon – Genetic recombination

Genetisk transformasjon – Genetic transformation

Genom – Genome

Genomisk bibliotek – Genomic library

Genuttrykk – Gene expression

Gibbs fri energi – Gibbs free energy

Globulære proteiner – Globular proteins

Glukose – Glucose

Glutamat – Glutamate

Glutamin – Glutamine

Glykan – Glycan

Glykogen – Glycogen

Glykokonjugat – Glycoconjugate

Glykolipid – Glycolipid

Glykolyse – Glycolysis

Glykosidisk binding – Glycosidic bond

Glykosylering – Glycosylation

Glysin – Glycine

Golgiapparatet – Golgi apparatus

Guanin – Guanine

H

Halveringstid – Half life

Heliks – Helix

Heme – Heme/Haem

Hemiacetal – Hemiacetal

Hemoglobin – Hemoglobin

Heterokromatin – Heterochromatin

Heterotrof – Heterotroph

Hette/Endestykke – Cap

Histidin – Histidine

Histon – Histone

Homeostase – Homeostasis

Homolog rekombinasjon – Homologous recombination

Hydrering – Hydration

Hydrofil – Hydrophilic

Hydrofobisitet – Hydrophobicity

Hydrofobisk effekt – Hydrophobic effect

Hydrofobisk interaksjon – Hydrophobic interaction

Hydrogen – Hydrogen

Hydrogenbinding – Hydrogen bond

Hydrolase – Hydrolase

Hydrolyse – Hydrolysis (hydrolytic cleavage)

Høy-tetthets lipoprotein – High–density lipoprotein

I

Ikke-essensiell aminosyre – Nonessential amino acid

Induser – Inducer

Indusert passform – Induced fit

Initieringsfaktor – Initiation factor

Integral membranprotein – Integral membrane protein

Intermediære filamenter – Intermediate filaments

Intermediærtetthetslipoprotein – Intermediate density lipoprotein

Intron – Intron

Ionekanal – Ion channel

Ionepar – Ion pair

Isoelektrisk fokusering – Isoelectric focusing

Isoelektrisk punkt (pI) – Isoelectric point (pI)

Isoleucin – Isoleucine

Isomer – Isomer

Isomerase – Isomerase

Isomerisering – Isomerisation

K

Kanal – Channel

Karbohydrat – Carbohydrate

Karbondioksid – Carbon dioxide

Karoten – Carotene

Karsinogen/Kreftfremkallende – Carcinogen

Kaskade – Cascade

Katabolisme – Catabolism

Katalysator – Catalyst

Katalytisk senter – Catalytic center

Katalytisk triade – Catalytic triad

Keratin – Keratin

Ketose – Ketose

Kimdannelse – Nucleation

Kinase – Kinase

Kinetikk – Kinetics

Kiral – Chiral

Kjerne – Nucleus

Kjernemagnetisk resonansspektroskopi – Nuclear magnetic resonance spectroscopy

Kjernemembran – Nuclear envelope

Klebrig ende – Sticky end

Klorofyll – Chlorophyll

Kloroplast – Chloroplast

Kodon – Codon

Koenzym – Coenzyme

Kofaktor – Cofactor

Kolesterol – Cholesterol

Kollagen – Collagen

Konfigurasjon – Configuration

Konformasjon – Conformation

Konjugert base – Conjugated base

Konjugert syre – Conjugated acid

Konkurrerende hemming – Competitive inhibition

Konsensussekvens – Consensus sequence

Kooperativitet – Cooperativity

Kotranslasjonell modifikasjon – Cotranslational modification

Kotranslasjonell prosessering – Cotranslational processing

Koalent katalyse – Covalent catalysis

Kreftgen/Onkogen – Oncogene

Kromatin – Chromatin

Kromatografi – Chromatography

Kromosom – Chromosome

Krystall – Crystal

Kvartærstruktur – Quaternary structure

L

Laktat – Lactate

Laktose – Lactose

Lateral diffusjon – Lateral diffusion

Lavtetthetslipoprotein – Low–density lipoprotein

Legemiddel – Drug

Lektin – Lectin

Leseramme – Reading frame

Leucin – Leucine

Ligand – Ligand

Ligase – Ligase

Likevekt – Equilibrium

Likevektskonstant – Equilibrium constant (K_{eq})

Lille fure – Minor groove

Lipase – Lipase

Lipid – Lipid

Lipid dobbeltag – Lipid bilayer

Lipid flåte – Lipid raft

Lipopolsakkarid – Lipopolysaccharide

Lipoprotein – Lipoprotein

Liposom – Liposome

Lyase – Lyase

Lysin – Lysine

Lysosom – Lysosome

Lysozym – Lysozyme

Lyscavhengig> reaksjon – Light <dependent> reaction

Løkke – Loop

M

Mage-tarm-systemet – Gastrointestinal tract

Magnetisk spin – Magnetic spin

Maltose – Maltose

Mannose – Mannose

Massespektrometri – Mass spectrometry

Mediert transport – Facilitated diffusion

Meiose – Meiosis

Melkesukker, Laktose – Lactose

Melkesyre, Laktat – Lactate

Membran – Membrane

Membranprotein – Membrane protein

Membrantransport – Membrane transport

Menneske – Human

Metabolisk reaksjonsvei – Metabolic pathway

Metabolisme – Metabolism

Metabolitt – Metabolite

Metionin – Methionine

Mettet fettsyre – Saturated fatty acid

Micelle – Micelle

Mikrofilament – Microfilament

Mikrotubulus – Microtubule

Mitochondrie – Mitochondria

Mitose – Mitosis

Mitotisk spindel – Mitotic spindle

Molar masse – Molar mass

Molekylærbiologi – Molecular biology

Molekylvekt – Molecular weight

Monokromatisk stråling – Monochromatic radiation

Monomer – Monomer

Monosakkarid – Monosaccharide

Mutagen – Mutagen

Mutasjon – Mutation

Myelin – Myelin sheath

Myoglobin – Myoglobin

Mørk reaksjon – Dark reaction

N

Naturlig seleksjon/utvalg – Natural selection

Nevron – Neuron

Nitrogen – Nitrogen

Nitrogenfiksering – Nitrogen fixation

Nitrogensyklusen – Nitrogen cycle

N-terminal ende – N-terminus

Nukleinsyre – Nucleic acid

Nukleofil – Nucleophile

Nukleofil angrep – Nucleophilic attack

Nukleol – Nucleolus

Nukleosid – Nucleoside

Nukleosom – Nucleosome

Nukleosomkjernepartikkel – Nucleosome core particle

Nukleotid – Nucleotide

O

Oksidasjon – Oxidation

Oksidasjonsmiddel – Oxidizing agent

Oksidoreduktase – Oxidoreductase

Oksygen – Oxygen

Oligosakkarid – Oligosaccharide

Onkogen/Kreftgen – Oncogene

Operon – Operon

Oppløsning – Resolution

Organelle – Organelle

Osmose – Osmosis

Osmotisk trykk – Osmotic pressure

Overgangstillstand – Transition state

Overgangstillstandsanalag – Transition state analog

Overgangstillstandsstabilisering – Transition state stabilization

P

Passiv transport – Passive transport

Pattedyr – Mammal

Pentose – Pentose

Peptid – Peptide

Peptidbinding – Peptide bond

Peptidgruppe – Peptide group

Peptidoglykan – Peptidoglycan

Plante – Plant

Plasma membran – Plasma membrane

Polymerase – Polymerase

Polymerasekjedereaksjon – Polymerase Chain Reaction (PCR)

Polypeptid – Polypeptide

Polysakkarid – Polysaccharide

Pore – Pore

Posttranskripsjonell modifikasjon – Posttranscriptional modification

Posttranskripsjonell prosessering – Posttranscriptional processing

Primer – Primer

Primaerstruktur – Primary structure

Proenzym – Zymogen (proenzyme)

Projeksjon – Projection

Prokaryoter – Prokaryote

Prolin – Proline

Promotor – Promoter

Prostetisk gruppe – Prosthetic group

Protease – Protease

Protein – Protein

Proteinbiosyntese – Protein biosynthesis

Proteinfold/brett – Protein fold

Proteinnedbrytning – Protein digestion

Proteoglykan – Proteoglycan

Protomer – Protomer

Protongradient – Proton gradient

Purin – Purine

Pyranose – Pyranose

Pyrimidin – Pyrimidine

Pyruvat – Pyruvate

R

Radikal – Radical

Rakitt – Rickets

Ramachandran plot – Ramachandran plot

Reaksjon – Reaction

Reaksjonsfart – Reaction rate

Reaksjonsintermediat – Reaction intermediate

Reaksjonsmekanisme – Reaction mechanism

Reaksjonscenter – Reaction center

Redoksreaksjon – Redox reaction

Reduksjon – Reduction

Reduksjonsmiddel – Reducing agent

Reduksjonspotensial – Reduction potential
Reduserende ende – Reducing end
Regulatorisk protein – Regulatory protein
Regulatorisk sete – Regulatory site
Rekombinant DNA – Recombinant DNA
Releasefaktor – Release factor
Renaturering – Renaturation/Refolding
Replikasjon – Replication
Replikasjonsgaffel – Replication fork
Replikasjonsorigo – Origin of replication
Repressor – Repressor
Reseptor – Receptor
Residu – Residue
Respirasjonskjede – Respiratory chain
Restriksjonsenzym – Restriction enzyme
Ribonukleinsyre (RNA) – Ribonucleic acid (RNA)
Ribose – Ribose
Ribosom – Ribosome
Ribozym – Ribozyme
RNA-prosessering – RNA processing
Ryggrad – Backbone
Røntgenkristallografi – X-ray crystallography
Røntgenstråler – X-rays

S

Sakkarid – Saccharide
Sammenveilede helikser – Coiled–coil
Sekundærbudbringer – Second messenger
Sekundærstruktur – Secondary structure
Semikonservative – Semiconservative
Sense tråd – Sense strand
Separere/Bryte – Cleavage
Serin – Serine
Sfingolipid – Sphingolipid
Sfingosin – Sphingosine

Sitronsyresyklusen (Krebs syklus) – Citric acid cycle
Skjorbuk – Scurvy
Smeltepunkt – Melting point (T_m)
Sopp – Fungi
Speilbilde – Mirror image
Speilplan – Mirror plane
Spektroskopi – Spectroscopy
Spektrum – Spectrum
Spesifikk syre-base katalyse – Specific acid-base catalysis
Spin – Spin
Sporgrunnstoff – Trace elements
Stamcelle – Stem cell
Stamtre – Phylogenetic tree
Startkodon – Initiation codon/Start codon
Stereoisomer – Stereoisomer
Stereospesifitet – Stereospecificity
Steroid – Steroid
Stivelse – Starch
Stoppkodon – Stop codon
Store fure – Major groove
Strukturmotiv – Structural motif
Stråleskade – Radiation damage
Subenhet – Subunit
Substrat – Substrate
Substratgjenkjenning – Substrate recognition
Sukrose – Sucrose
Superkveil/spiral – Supercoil
Supersekundærstruktur – Supersecondary structure
Symmetri – Symmetry
Symport – Symport
Syn – Vision
Syre – Acid
Syre-base katalyse – Acid-base catalysis
Syrekonstanten(K_a) – Acid dissociation constant (K_a)
Søppel DNA – Junk–DNA

T

TATA-boks – TATA Box
Tautomerisme – Tautomerism
Termineringskodon – Termination codon
Terpen – Terpene
Tertiærstruktur – Tertiary structure
TIM tønne – TIM barrel
Titreringskurve – Titration curve
Torsjonsvinkel – Torsion angle
Transfeksjon – Transfection
Transferase – Transferase
Transkripsjon – Transcription
Transkripsjonaktivator – Transcriptional activator
Transkripsjonsfaktor – Transcription factor
Transkripsjonsinitieringskompleks – Transcription initiation complex
Translasjon – Translation
Translasjonsinitieringsfaktor – Translation initiation factor
Translasjonsinitieringskompleks – Translation initiation complex
Transport-RNA – Transfer RNA
Treonin – Threonine
Triglyserid – Triglyceride
Tryptofan – Tryptophan
Tymin – Thymine
Tyrosin – Tyrosine

U

Umettet fettsyre – Unsaturated fatty acid
Uracil – Uracil
Uttrykingsvektor – Expression vector

V

Vakuole – Vacuole
Valin – Valine

Van der Waals-interaksjon – Van der Waals interaction
Van der Waals-overflate – Van der Waals surface
Vannløslig vitamin – Water-soluble vitamin
Varme-sjokk protein – Heat-shock protein
Vekstfaktor – Growth factor
Vesikkel – Vesicle
Vesikulær transport – Vesicular transport
Vev – Tissue
Virus – Virus
Vitamin – Vitamin
Voks – Wax

X

Xylose – Xylose

Z

Zwitterion – Zwitterion