

Chinese-English
English-Chinese
Biotechnology Glossary

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Preface

This *Chinese–English English–Chinese Biotechnology Glossary* is one in a series of glossaries prepared by McNeil Technologies and Dunwoody Press to assist researchers to read and translate biotechnology works in Chinese and English. The approximately 5,000 entries in this glossary are presented in four separate sections: Chinese–English (sorted by pinyin), English–Chinese (sorted alphabetically), Radical Chinese–English (sorted by Chinese radicals, i.e., *bushou*), and Numbers and Latin and Greek Letters.

McNeil and Dunwoody Press are preparing similar glossaries in Arabic, Hindi, Korean, Persian, Russian, and Urdu. As always, we welcome suggestions and corrections to improve, expand, and update this glossary.

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Chinese-English

a

吡啶 āding acridine
 吡啶橙 ādingchéng acridine orange
 吡啶黄 ādinghuáng acriflavine
 阿尔茨海默病 āercíhǎimòbìng Alzheimer's disease
 阿黑皮素原 āhēipísùyuán proopiomelanocortin
 阿克拉霉素 ākèlāméisù aclacinomycin
 阿霉素 āméisù doxorubicin
 阿明路法 āmínglùfǎ Amylo process
 阿脉 āniào alloxan
 阿朴吗啡 āpòmǎfēi apomorphine
 阿托品 ātuōpǐn atropine
 阿香草红 āxiāngcǎohóng alkannin

ai

埃 āi angstrom
 癌 ái cancer, carcinoma, tumor
 癌得宁 áidéning aminopterin
 癌发生 áifāshēng oncogenesis
 癌基因 áijīyīn oncogene
 癌胚抗原 áipēikàngyuán carcinoembryonic antigen
 癌调蛋白 áitiáodànbái oncomodulin
 爱姆试验 àimùshìyàn Ames test
 艾滋病 àizìbìng Acquired Immune Deficiency Syndrome, AIDS

an

氨苄青霉素 ānbiànqīngméisù ampicillin
 氨基蝶呤 ānjīdiéling aminopterin
 安非他明 ānfēitāmíng amphetamine
 氨基吡啶 ānjībīdìng aminopyridines
 氨基蝶呤 ānjīdiéling aminopterin
 氨基环丙烷羧酸 ānjīhuánbǐngwǎnsuǒsuān aminocyclopropane carboxylic acid
 氨基环丙烷羧酸合酶 ānjīhuánbǐngwǎnsuǒsuānhéméi aminocyclopropane carboxylic acid synthase
 氨基嘌呤 ānjīpiàoling amino purine
 氨基三环癸烷 ānjīsānhuánguīwǎn amantadine
 氨基酸 ānjīsuān amino acid, aa
 氨基酸分布图 ānjīsuānfēnbùtú amino acid profile
 氨基酸序列 ānjīsuānxùliè amino acid sequence
 氨基肽酶 ānjītàiméi aminopeptidase
 氨基糖苷抗生素 ānjītánggānkàngshēngsù aminoglycoside antibiotic
 氨基氧胍基丁酸 ānjīyǎngguāijīdīngsuān canavanine
 氨基乙磺酸 ānjīyīhuángsuān taurine
 氨基乙氧基乙烯基甘氨酸 ānjīyīyǎngjīyīxījīgānānsuān aminoethoxyvinylglycine
 氨基转移酶 ānjīzhuǎnyíeméi aminotransferases,

transaminase
 安全别针形态 ānquánbiézhēnxíngtài safety-pin morphology
 安全系数 ānquánxìshù safety factor
 安全转移 ānquánzhuǎnyí safe transfer
 安全最低标准 ānquánzuidībiāozhǔn safe minimum standard
 氨基酶 āntàiméi aminopeptidase
 安慰剂 ānwèijì placebo
 案例 ànlì case

ang

肮脏弹 āngzāngdàn dirty bomb
 肮脏的 āngzāngde dirty

ao

螯合剂 áohejì chelating agent
 螯合作用 áohezuòyòng chelation

ba

钯 bǎ palladium
 靶 bǎ target
 靶-配体相互作用筛选 bǎpèitǐxiānghùzuòyòngshāixuǎn target-ligand interaction screening
 靶确定 bǎquèdìng target validation

bai

白蛋白 báidànbái albumin
 白喉毒素 báihóudúxù diphtheria toxin
 白霉病 báiméibìng white mold disease
 白三烯 báisānxī leukotriene
 白细胞 báixībāo white blood cell, white corpuscle, leukocyte
 白细胞减少症 báixībāojiǎnshǎozhèng leukopenia
 白细胞介素 báixībāojièsù interleukin
 白细胞三烯 báixībāosānxī leukotriene
 白细胞增多症 báixībāozēngduōzhèng leukocytosis
 百草枯 bǎicǎokū paraquat
 百日咳毒素 bǎiríkédúxù Pertussis toxin

ban

斑 bān plaque
 斑点印迹 bāndiǎnyīnjì dot-blot, dot blotting
 斑点杂交 bāndiǎnzàijiāo dot hybridization
 斑疹 bānzhen macule
 斑珠蛋白 bānzhūdànbái plakoglobin
 半保留复制 bànbǎoliúfùzhì semiconservative replication

Chinese-English

伴变密码子 bànbiànmimázi covarion
半胱氨酸 bànguāngānsuān cysteine
半胱氨酸蛋白酶抑制剂
bànguāngānsuāndānbáiméiyìzhìjì cystatin
半合成催化性抗体 bànhéchéngcuīhuàxìngkàngtǐ
semisynthetic catalytic antibody
半合子 bànhézi merozygote
半合子基因 bànhéziyīn hemizygous gene
伴肌动蛋白 bànjīdòngdànbái nebulin
半抗原 bànkàngyuán hapten
伴侣蛋白 bànlǚdànbái chaperonin
伴侣蛋白质 bànlǚdànbáizhī chaperone protein
伴侣分子 bànlǚfēnzǐ molecular chaperone
半乳甘露聚糖 bànrǔgānlùjùtáng galactomannan
半乳糖 bànrútáng galactose
半乳糖血症 bànrútángxiězhèng galactosemia
半纤维素 bànxīānwéisù hemicellulose
半纤维素酶 bànxīānwéisùméi hemicellulase
伴性基因 bànxìngjīyīn sex-linked gene
半致死剂量 bànzhìsǐjìliàng median lethal dose
半种 bànzhǒng incipient species

bang

棒 bàng wand
棒曲霉素 bàngqūméisù patulin

bao

胞壁质 bāobìzhì murein
包含体 bāohántǐ inclusion body
胞间连丝 bāojiānliánsī plasmodesma
胞间粘着分子 bāojiānniánzhāofēnzǐ intercellular
adhesion molecule
胞间运输 bāojiānyùnshū intercellular transport
包埋 bāomái embedding
胞嘧啶 bāomìdìng cytosine
胞膜小窝 bāomóxiǎowō caveolae
孢囊 bāonáng cyst
孢囊孢子 bāonángbāozǐ sporangiospore
胞内的 bāonèide intracellular
胞内酶 bāonèiméi endoenzyme
胞内膜 bāonèimó intracellular membrane
胞内运输 bāonèiyùnshū intracellular transport
胞内转运 bāonèizhuányùn intracellular transport
包入胶囊的 bāorùjiāonángde encapsulated
包入衣壳内 bāorùyīkénèi encapsidation
胞吐 bāotǔ exocytosis
胞吐作用 bāotǔzuòyòng exocytosis
胞外 bāowài extracellularly
胞外的 bāowàide extracellular
胞饮 bāoyǐn pinocytosis
胞饮作用 bāoyǐnzuòyòng pinocytosis

胞质分裂 bāozhīfēnliè cytokinesis
胞质内小 RNA bāozhīnèixiǎo RNA small cytoplasmic
RNA, scRNA
胞质融合 bāozhīrónghé plasmogamy
胞质压出 bāozhīyāchū plasmoptysis
胞质杂种 bāozhīzázhǒng cybrid
孢子 bāozǐ spore
孢子囊 bāozǐnáng sporangium
孢子形成 bāozǐxíngchéng sporulation
保藏的 bāocángde conserved
保藏秣草 bāocángmòcǎo ensiling
保持 bāochí conservation
保存价值 bāocúnjiàzhí conservation value
饱和脂肪酸 bāohézhǐfāngsuān saturated fatty acid
保护 bāohù conservation
保护的 bāohùde conserved
保护剂 bāohùjì protectant
保护价值 bāohùjiàzhí conservation value
保护区 bāohùqū conservation, protected area
保护区耕作 bāohùqūgēngzuò conservation tillage
保护区价值 bāohùqūjiàzhí conservation value
保护行动区 bāohùxíngdòngqū protective action zone
保护衣 bāohùyī protective clothing
宝石 bǎoshí gem
保守序列 bǎoshǒuxùliè consensus sequence
保温培养 bǎowēnpéiyǎng incubation
保险值 bǎoxiǎnzhí insurance value
保幼激素 bǎoyòujīhsù juvenile hormone
鲍-伯胰蛋白酶抑制剂 bǎobóyídànbáiméiyìzhìjì
Bowman-Birk trypsin inhibitor
报道基因 bàodàojīyīn reporter gene
爆发 bàofā outbreak
暴发的 bàofāde fulminant
暴发性的 bàofāxìngde fulminant
报复性恐怖活动 bàofùxìngkǒngbùhuódòng
counterterrorism
报警素 bàojǐngsù alarmone
暴露 bàolù exposure
暴露后 bàolùhòu post-exposure
爆炸方法 bàozhàfāngfǎ explosion method
爆炸性的 bàozhàxìngde explosive

bei

背包 bēibāo knapsack
被动免疫 bèidòngmiǎnyì passive immunity
被动使用价值 bèidòngshìyòngjiàzhí passive use value
被分析物 bèifēnxīwù analyte
被膜 bèimó capsule
被膜的 bèimóde capsular
被膜抗原 bèimókàngyuán capsular antigen