

# Federative International Programme for Anatomical Terminology

## Histologia generalis . General histology



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Histologia generalis<sup>32</sup>

## General histology

NOMINA LATINA		ENGLISH EQUIVALENTS	
<i>Nomina generalia</i>		<i>General terms</i>	
H2.00.00.0.00002	Parenchyma		Parenchyma
H2.00.00.0.00003	Stroma		Stroma
H2.00.00.0.00004	Capsula		Capsule
H2.00.00.0.00005	Membrana basalis <sup>33</sup>		Basement membrane
H2.00.00.0.00006	Lamina basalis		Basal lamina
H2.00.00.0.00007	Lamina rara; Lamina lucida		Clear layer
H2.00.00.0.00008	Lamina densa		Dense layer
H2.00.00.0.00009	Lamina fibroreticularis		Fibroreticular lamina
H2.00.00.0.00010	Polaritas cellularis		Cell polarity
H2.00.00.0.00011	Aplasia		Aplasia
H2.00.00.0.00012	Atrophia		Atrophy
H2.00.00.0.00013	Hyperplasia		Hyperplasia
H2.00.00.0.00014	Hypertrophia		Hypertrophy
H2.00.00.0.00015	Hypoplasia		Hypoplasia
H2.00.00.0.00016	Hypotrophia		Hypotrophy
H2.00.00.0.00017	Involutio		Involution
H2.00.00.0.00018	Metaplasia		Metaplasia
<b>H2.00.01.0.00001 Cellulae precursoriae Stem cells</b>			
H2.00.01.0.00002	Cellula cornealis precursoria		Corneal stem cell
H2.00.01.0.00003	Cellula endothelialis precursoria		Endothelial stem cell
H2.00.01.0.00004	Cellula epidermalis precursoria		Epidermal stem cell
H2.00.01.0.00005	Cellula gastrointestinalis precursoria		Gastro-intestinal stem cell
H2.00.01.0.00006	Cellula haematopoietica precursoria		Haematopoietic stem cell <sup>4</sup>
H2.00.01.0.00007	Cellula hepatica precursoria		Hepatic stem cell
H2.00.01.0.00008	Cellula mesenchymatica precursoria		Mesenchymal stem cell [hMSC]
H2.00.01.0.00009	Cellula myogenica precursoria		Myogenic stem cell
H2.00.01.0.00010	Cellula nervosa precursoria		Neural stem cell
H2.00.01.0.00011	Cellula spermatogonica precursoria		Spermatogonial stem cell
<b>H2.00.02.0.00001 Textus epithelialis Epithelial tissue</b>			
<i>Nomina generalia</i>		<i>General terms</i>	
H2.00.02.0.00002	Epithelium		Epithelium
H2.00.02.0.00003	Polarisatio epithelialis		Epithelial polarization
H2.00.02.0.00004	Membrana basalis		Basement membrane

<sup>32</sup> H2.00.00.0.00001 *Histologia generalis*: The use of the term *Histologia* varies. In the present terminology, the section on General Histology deals with the basic tissues of the body. The microscopic structures of the organs, which in some textbooks would be considered under Microscopic Anatomy, are listed under Special Histology.

<sup>33</sup> H2.00.00.0.00005 *Membrana basalis*: The term *basement membrane* is placed under General Terms because the structure is present in many tissues and not restricted to epithelia. With respect to the differing usage of the terms *basement membrane* and *basal lamina* in the literature, and in agreement with the 3<sup>rd</sup> edition of *Nomina Histologica* and Inoue (Inoue S. Ultrastructure of basement membranes. *Int Rev Cytol* 1989; 117: 57–98), it is most logical to subdivide the basement membrane into a clear layer, a dense layer, and a basal fibroreticular lamina, the latter being absent in places.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.02.0.01001	Epitheliocytus; Cellula epithelialis	Epithelial cell
H2.00.02.0.01002	Axis epitheliocytī	Axis of epithelial cell
H2.00.02.0.01003	Polus apicalis; Apex cellularis	Apical pole; Cell apex
H2.00.02.0.01004	Polus basalis; Basis cellularis	Basal pole; Cell base
H2.00.02.0.01005	Facies luminalis	Luminal surface; Luminal aspect
H2.00.02.0.01006	Facies apicalis	Apical surface; Apical aspect
H2.00.02.0.01007	Facies lateralis	Lateral surface; Lateral aspect
H2.00.02.0.01008	Facies basalis	Basal surface; Basal aspect
H2.00.02.0.01009	Facies basolateralis	Basilateral surface; Basilateral aspect
H2.00.02.0.01010	Spatium basolaterale	Basilateral space
H2.00.02.0.01011	Epitheliocytus ciliatus	Ciliated epithelial cell
H2.00.02.0.01012	Epitheliocytus columnaris	Columnar epithelial cell
H2.00.02.0.01013	Epitheliocytus cuboideus	Cuboidal epithelial cell
H2.00.02.0.01014	Epitheliocytus microvillosus	Epithelial cell with microvilli
H2.00.02.0.01015	Epitheliocytus neurosensorius	Neurosensory epithelial cell
H2.00.02.0.01016	Epitheliocytus pigmentosus	Pigmented epithelial cell
H2.00.02.0.01017	Epitheliocytus prismaticus	Prismatic epithelial cell
H2.00.02.0.01018	Epitheliocytus pyramidalis	Pyramidal epithelial cell; Wedge-shaped epithelial cell
H2.00.02.0.01019	Epitheliocytus secretorius	Secretory epithelial cell
H2.00.02.0.01020	Exocrinocytus	Exocrine cell
H2.00.02.0.01021	Serocytus	Serous cell
H2.00.02.0.01022	Mucocytus	Mucous cell
H2.00.02.0.01023	Seromucocytus	Seromucous cell
H2.00.02.0.01024	Endocrinocytus	Endocrine cell
H2.00.02.0.01025	Polycrinocytus	Polycrine cell
H2.00.02.0.01026	Epitheliocytus sensorius	Sensory epithelial cell
H2.00.02.0.01027	Epitheliocytus squamosus	Squamous epithelial cell
H2.00.02.0.01028	Epitheliocytus stereociliatus	Epithelial cell with stereocilia
H2.00.02.0.02001	Epithelium superficiale	Surface epithelium
H2.00.02.0.02002	Epithelium simplex squamosum	Simple squamous epithelium
H2.00.02.0.02003	Endothelium <sup>34</sup>	Endothelium
H2.00.02.0.02004	Endothelium non vasculare	Nonvascular endothelium
H2.00.02.0.02005	Endothelium vasculare	Vascular endothelium
H2.00.01.0.00003	Cellula endothelialis precursoria	Endothelial stem cell
H2.00.02.0.02006	Endotheliocytus	Endothelial cell
H2.00.02.0.02007	Corpus multitubulare	Multitubular body
H2.00.02.0.02008	Endothelium non fenestratum; Endothelium continuum	Continuous endothelium
H2.00.02.0.02009	Endothelium fenestratum	Fenestrated endothelium
H2.00.02.0.02010	Endotheliocytus fenestratus	Fenestrated endothelial cell
H2.00.02.0.02011	Fenestra endotheliocytī	Endothelial fenestration
H2.00.02.0.02012	Diaphragma fenestrae	Fenestral diaphragm
H2.00.02.0.02013	Nodus centralis	Central nodule

<sup>34</sup> H2.00.02.0.02003/H2.00.02.0.02017 *Endothelium/Mesothelium*: Based on developmental and pathophysiological considerations, some textbooks do not describe *endothelium* and *mesothelium* as epithelial categories. On strictly descriptive grounds, the criteria being the presence of a continuous cell layer together with cells connected by junctional complexes, *endothelium* and *mesothelium* are presented here as epithelial manifestations.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.02.0.02014	Endothelium perforatum	Perforated endothelium
H2.00.02.0.02015	Endotheliocytus perforatus	Perforated endothelial cell
H2.00.02.0.02016	Endothelium disjunctum	Endothelium disjunctum
H2.00.02.0.02017	Mesothelium <sup>34</sup>	Mesothelium
H2.00.02.0.02018	Mesotheliocytus	Mesothelial cell
H2.00.02.0.02019	Epithelium simplex cuboideum	Simple cuboidal epithelium
H2.00.02.0.02020	Epithelium simplex columnare	Simple columnar epithelium
H2.00.02.0.02021	Epithelium pseudostratificatum columnare	Pseudostratified columnar epithelium
H2.00.02.0.02022	Epitheliocytus adluminalis	Adluminal epithelial cell
H2.00.02.0.02023	Epitheliocytus intercalatus	Intercalated epithelial cell
H2.00.02.0.02024	Epitheliocytus basalis	Basal epithelial cell
H2.00.02.0.02025	Epithelium stratificatum squamosum non cornificatum	Nonkeratinized stratified squamous epithelium
H2.00.02.0.02026	Stratum superficiale	Superficial layer; superficial surface
H2.00.02.0.02027	Stratum intermedium	Intermediate layer
H2.00.02.0.02028	Stratum parabasale	Parabasal layer
H2.00.02.0.02029	Stratum basale	Basal layer
H2.00.02.0.02030	Epithelium stratificatum squamosum cornificatum (vide etiam Epidermis paginam 119)	Keratinized stratified squamous epithelium (see also Epidermis page 119)
H2.00.02.0.02031	Epithelium stratificatum cuboideum	Stratified cuboidal epithelium
H2.00.02.0.02032	Epithelium stratificatum columnare	Stratified columnar epithelium
H2.00.02.0.02033	Urothelium; Epithelium transitionale	Urothelium; Transitional epithelium
H2.00.02.0.02034	Stratum superficiale	Superficial layer
H2.00.02.0.02035	Urotheliocytus superficialis; Umbellocytus	Umbrella cell; Superficial urothelial cell
H2.00.02.0.02036	Crusta urothelialis	Urothelial plaque
H2.00.02.0.02037	Granulum uroplakini	Urothelial plaque particle
H2.00.02.0.02038	Vesicula adluminalis urothelialis	Discoid vesicle; Fusiform vesicle
H2.00.02.0.02039	Stratum intermedium	Intermediate layer
H2.00.02.0.02040	Stratum basale	Basal layer
H2.00.02.0.02041	Epithelium ciliatum	Ciliated epithelium
H2.00.02.0.02042	Epithelium microvillosum	Microvillous epithelium
H1.00.01.1.01012	Limbus microvillosus; Limbus penicillatus; Limbus striatus	Microvillous border; Brush border; Striated border
H2.00.02.0.02043	Trama cytoskeletal terminalis	Terminal web
H2.00.02.0.02044	Epithelium sensorium (vide Receptores sensorii et organa sensuum paginam 107)	Sensory epithelium (see Sensory receptors and sense organs page 107)
H2.00.02.0.02045	Epithelium germinativum	Germinal epithelium
H2.00.02.0.02046	Epithelium spermatogenicum	Spermatogenic epithelium
H2.00.02.0.03001	Epithelium glandulare	Glandular epithelium
	<i>Nomina generalia</i>	<i>General terms</i>
H2.00.02.0.03002	Glandula	Gland
H2.00.02.0.03003	Secretio amphicrina	Amphicrine secretion
H2.00.02.0.03004	Secretio apocrina	Apocrine secretion
H2.00.02.0.03005	Secretio autocrina	Autocrine secretion
H2.00.02.0.03006	Secretio endocrina	Endocrine secretion
H2.00.02.0.03007	Secretio exocrina	Exocrine secretion
H2.00.02.0.03008	Secretio holocrina	Holocrine secretion

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	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.02.0.03009	Secretio intracrina	Intracrine secretion
H2.00.02.0.03010	Secretio merocrina	Merocrine secretion
H2.00.02.0.03011	Secretio neurocrina	Neurocrine secretion
H2.00.02.0.03012	Secretio paracrina	Paracrine secretion
H2.00.02.0.03013	Secretio polycrina	Polycrine secretion
H2.00.02.0.03014	Glandula exocrina	Exocrine gland
H2.00.02.0.03015	Glandula exocrina unicellularis	Unicellular exocrine gland
H2.00.02.0.03016	Epitheliocytus caliciformis	Goblet cell
H2.00.02.0.03017	Glandula intraepithelialis	Intra-epithelial gland
H2.00.02.0.03018	Glandula extraepithelialis	Extra-epithelial gland
H2.00.02.0.03019	Glandula pluricellularis	Multicellular gland
H2.00.02.0.03020	Glandula simplex	Simple gland
H2.00.02.0.03021	Glandula tubulosa	Tubular gland
H2.00.02.0.03022	Glandula tubulosa simplex	Simple tubular gland
H2.00.02.0.03023	Glandula tubulosa ramosa	Branched tubular gland
H2.00.02.0.03024	Glandula tubulosa contorta	Coiled tubular gland
H2.00.02.0.03025	Glandula acinosa	Acinar gland
H2.00.02.0.03026	Glandula acinosa simplex	Simple acinar gland
H2.00.02.0.03027	Glandula acinosa ramosa	Branched acinar gland
H2.00.02.0.03028	Glandula alveolaris	Alveolar gland; Saccular gland
H2.00.02.0.03029	Glandula racemosa	Racemose gland
H2.00.02.0.03030	Glandula composita	Compound gland
H2.00.02.0.03031	Glandula tubulosa composita	Compound tubular gland
H2.00.02.0.03032	Glandula acinosa composita	Compound acinar gland
H2.00.02.0.03033	Glandula tubuloacinosa composita	Compound tubulo-acinar gland
H2.00.02.0.03034	Glandula tubuloalveolaris composita	Compound tubuloalveolar gland
H2.00.02.0.03035	Glandula serosa	Serous gland
H2.00.02.0.03036	Glandula mucosa	Mucous gland
H2.00.02.0.03037	Glandula seromucosa	Seromucous gland
H2.00.02.0.03038	Glandula mixta	Mixed gland
H2.00.02.0.03039	Septum interlobare	Interlobar septum
H2.00.02.0.03040	Septum interlobulare	Interlobular septum
H2.00.02.0.03041	Trabecula glandularis	Glandular trabecule
H2.00.02.0.03042	Interstitium glandulare	Glandular interstitium
H2.00.02.0.03043	Lobus glandularis	Glandular lobe
H2.00.02.0.03044	Lobulus glandularis	Glandular lobule
H2.00.02.0.03045	Ostium glandulare	Glandular opening
H2.00.02.0.03046	Collum glandulare	Glandular neck
H2.00.02.0.03047	Corpus glandulare	Body of gland
H2.00.02.0.03048	Fundus glandularis	Fundus of gland
H2.00.02.0.03049	Portio terminalis	End piece
H2.00.02.0.03050	Acinus <sup>25</sup>	Acinus
H2.00.02.0.03051	Cellula acinosa; Acinocytus	Acinar cell

<sup>25</sup> H2.00.02.0.03050 *Acinus*: In some parts of the world, the terms *Acinus* and *Alveolus* are used synonymously; in others, the terms are used differently, *acinar endpieces* having a narrow lumen, as in the parotid gland, and *alveolar endpieces* having a wide lumen, as in the mammary gland.

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.02.0.03052	Cellula centroacinosa	Centroacinar cell
H2.00.02.0.03053	Myoepitheliocytus	Myoepithelial cell
H2.00.02.0.03054	Myoepitheliocytus fusiformis	Fusiform myoepithelial cell
H2.00.02.0.03055	Myoepitheliocytus stellatus	Stellate myoepithelial cell
H2.00.02.0.03056	Alveolus	Alveolus
H2.00.02.0.03057	Tubulus	Tubule
H2.00.02.0.03058	Cellula tubulosa; Tubulocytus	Tubular cell
H2.00.02.0.03059	Myoepitheliocytus	Myo-epithelial cell
H2.00.02.0.03060	Tubuloacinus	Tubulo-acinus
H2.00.02.0.03061	Tubuloalveolus	Tubulo-alveolus
H2.00.02.0.03062	Semiluna serosa	Serous demilune; Serous crescent
H2.00.02.0.03063	Canaliculus secretorius intracellularis	Intracellular secretory canaliculus
H2.00.02.0.03064	Canaliculus secretorius intercellularis	Intercellular secretory canaliculus
H2.00.02.0.03065	Ductus secretorius	Secretory duct
H2.00.02.0.03066	Ductus intralobularis	Intralobular duct
H2.00.02.0.03067	Ductus intercalatus	Intercalated duct
H2.00.02.0.03068	Ductus interlobularis	Interlobular duct
H2.00.02.0.03069	Ductus interlobaris	Interlobar duct
H2.00.02.0.03070	Ductus excretorius	Excretory duct
H2.00.02.0.03071	Ductus excretorius principalis	Main excretory duct
H2.00.02.0.03072	Glandula endocrina	Endocrine gland
H2.00.02.0.03073	Glandula endocrina unicellularis	Unicellular endocrine gland
H2.00.02.0.03074	Glandula endocrina multicellularis	Multicellular endocrine gland
H2.00.02.0.03075	Chorda cellularis endocrina	Endocrine cell cord
H2.00.02.0.03076	Glandula endocrina follicularis	Follicular endocrine gland
H2.00.02.0.03077	Folliculus glandularis	Glandular follicle
H2.00.02.0.03078	Glandula amphicrina	Amphicrine gland
<b>H2.00.03.0.00001</b>	<b>Textus connectivi atque sustinentes<sup>36</sup></b>	<b>Connective and supporting tissues</b>
H2.00.03.0.01001	Cellulae textuum connectivorum	Connective tissue cells
H2.00.03.0.01002	Fibroblastus	Fibroblast
H2.00.03.0.01003	Fibrocytus	Fibrocyte
H2.00.03.0.01004	Cellula reticularis	Reticular cell
H2.00.03.0.01005	Adipocytus	Adipocyte
H2.00.03.0.01006	Plasmocytus	Plasmocyte; Plasma cell; Plasmacyte
H2.00.03.0.01007	Macrophagocytus	Macrophage
H2.00.03.0.01008	Macrophagocytus sessilis	Resting macrophage
H2.00.03.0.01009	Macrophagocytus mobilis	Wandering macrophage; Histiocyte
H2.00.03.0.01010	Mastocytus	Mast cell; Mastocyte
H2.00.03.0.01011	Mastocytus mucosalis	Mucosa related mast cell
H2.00.03.0.01012	Mastocytus perivascularis	Perivascular mast cell

<sup>36</sup> H2.00.03.0.00001 *Textus connectivi atque sustinentes*. The inclusion of tissues with widely different functions under one heading is debatable. The current grouping of the tissues takes account of the fact that, independently of their function and in contrast to epithelial tissue, all these tissues have in common that the intrinsic cells are separated by extracellular matrix ground substance. In some contemporary textbooks, the term *connective tissue* refers to the soft and regular connective tissues, whereas *supporting tissue* includes cartilaginous and osseous tissues.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.03.0.01013	Myofibroblastus	Myofibroblast
H2.00.03.0.01014	Cellula pigmentata	Pigmented cell
H2.00.03.0.01015	Chromatophorocytus	Chromatophore cell
H2.00.03.0.01016	Melanocytus	Melanocyte
H2.00.03.0.02001	Matrix extracellularis	Extracellular matrix
H2.00.03.0.02002	Substantia fundamentalis	Ground substance
H2.00.03.0.02003	Glycosaminoglycanum	Glycosaminoglycan
H2.00.03.0.02004	Hyaluronanum	Hyaluronan
H2.00.03.0.02005	Proteoglycanum	Proteoglycan
H2.00.03.0.02006	Collagenum <sup>37</sup>	Collagen
H2.00.03.0.02007	Procollagenum	Procollagen
H2.00.03.0.03001	Fibrae textuum connectivorum	Fibres of connective tissues <sup>▲</sup>
H2.00.03.0.03002	Fasciculus collageni	Collagen fascicle; Collagen bundle
H2.00.03.0.03003	Fibra collageni	Collagen fibre <sup>▲</sup>
H2.00.03.0.03004	Fibrilla collageni	Collagen fibril
H2.00.03.0.03005	Tropocollagenum	Tropocollagen
H2.00.03.0.03006	Fibra reticularis; Fibra collageni typi III	Reticular fibre <sup>▲</sup> ; Collagen type III fibre <sup>▲</sup>
H2.00.03.0.03007	Fibrilla reticularis; Fibrilla collageni typi III	Reticular fibril; Collagen type III fibril
H2.00.03.0.03008	Fibra elastica	Elastic fibre <sup>▲</sup>
H2.00.03.0.03009	Elastinum	Elastin
H2.00.03.0.03010	Fibrilla fibrillini	Fibrillin fibril
H2.00.03.0.03011	Emilinum	Emilin
H2.00.03.0.03012	Fibra elauninae	Elaunin fibre <sup>▲</sup>
H2.00.03.0.03013	Fibra oxytalanae	Oxytalan fibre <sup>▲</sup>
H2.00.03.0.03014	Rete elasticum	Elastic network
H2.00.03.0.03015	Lamina elastica	Elastic lamina
H2.00.03.1.00001	TEXTUS CONNECTIVUS PROPRIUS; TEXTUS CONJUNCTIVUS	CONNECTIVE TISSUE PROPER
H2.00.03.1.00002	Textus connectivus laxus	Loose connective tissue
H2.00.03.1.00003	Textus connectivus compactus	Dense connective tissue
H2.00.03.1.00004	Typus regularis	Regular type
H2.00.03.1.00005	Forma intexta	Woven connective tissue
H2.00.03.1.00006	Forma parallela	Parallel ordered connective tissue
H2.00.03.1.00007	Forma parallela cum cursu unico	Unidirectional parallel ordered dense connective tissue
H2.00.03.1.00008	Forma parallela cum cursibus multis	Multidirectional parallel ordered dense connective tissue
H2.00.03.1.00009	Typus irregularis	Irregular type
H2.00.03.1.00010	Textus connectivus fusocellularis; Textus connectivus spinocellularis	Fusocellular connective tissue

<sup>37</sup> H2.00.03.0.02006 *Collagenum*: In the ever-growing family of collagens, fibril-forming collagens (e.g. collagen types, I, II, III, V, XI), fibril-associated collagens (types IX, XII), nonfibrillar collagens (e.g. types IX, XV, XVII), sheet-forming collagens (e.g. type IV), and anchoring fibril-forming types (VII) etc. are distinguished. Collagen types IV to XIX are also referred to as *minority collagens* because they are much less abundant than types I to III. Apart from a few places in this terminology, the collagen type present is not specified.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.03.1.01001	Ligamenta	Ligaments
H2.00.03.1.01002	Ligamentum collagenosum	Collagenous ligament
H2.00.03.1.01003	Ligamentum elasticum	Elastic ligament
H2.00.03.2.00001	TEXTUS MUCOIDEUS	MUCOID CONNECTIVE TISSUE; GELATINOUS CONNECTIVE TISSUE
H2.00.03.3.00001	TEXTUS RETICULARIS	RETICULAR TISSUE
H2.00.03.3.00002	Cellula reticularis	Reticular cell
H2.00.03.3.03006	Fibra reticularis; Fibra collageni typi III	Reticular fibre <sup>▲</sup> ; Collagen fibre type III <sup>▲</sup>
H2.00.03.4.00001	TEXTUS ADIPOSUS	ADIPOSE TISSUE
H2.00.03.4.00002	Textus adiposus albus	White adipose tissue
H2.00.03.4.00003	Adipocytus albus; Adipocytus uniguttularis	White adipose cell; Unilocular adipose cell
H2.00.03.4.00004	Textus adiposus fuscus	Brown adipose tissue
H2.00.03.4.00005	Adipocytus fuscus; Adipocytus multiguttularis	Brown adipose cell; Multilocular adipose cell
H2.00.03.5.00001	TEXTUS CARTILAGINEUS <sup>38</sup>	CARTILAGE TISSUE
H2.00.03.5.00002	Chondroblastus	Chondroblast
H2.00.03.5.00003	Chondrocytus	Chondrocyte
H2.00.03.5.00004	Aggregatio chondrocytorum; Aggregatio isogenica	Chondrocyte aggregate; Isogenous aggregate
H2.00.03.5.00005	Aggregatio axialis	Axial aggregate
H2.00.03.5.00006	Aggregatio coronaria	Coronary aggregate
H2.00.03.5.00007	Chondronum	Chondron
H2.00.03.5.00008	Matrix cartilaginea	Cartilage matrix
H2.00.03.5.00009	Matrix territorialis	Territorial matrix
H2.00.03.5.00010	Matrix interterritorialis	Interterritorial matrix
H2.00.03.5.00011	Vesicula densa matricis	Dense matrix vesicle; Calcospherite
H2.00.03.5.00012	Condensatio pericellularis	Pericellular condensation
H2.00.03.5.00013	Fibra collageni	Collagen fibre <sup>▲</sup>
H2.00.03.0.03008	Fibra elastica	Elastic fibre <sup>▲</sup>
H2.00.03.5.00014	Lacuna cartilaginea	Cartilage lacuna
H2.00.03.5.00015	Cartilago hyalina	Hyaline cartilage
H2.00.03.5.00016	Cartilago hyalina calcificata	Calcified hyaline cartilage
H2.00.03.5.00017	Cartilago fibrosa	Fibrous cartilage; Fibrocartilage
H2.00.03.5.00018	Cartilago elastica	Elastic cartilage
H2.00.03.5.00019	Perichondrium	Perichondrium
H2.00.03.5.00020	Stratum fibrosum	Fibrous layer
H2.00.03.5.00021	Stratum chondrogenicum	Chondrogenic layer
H2.00.03.5.01001	Chondrohistogenesis	Chondrogenesis
H2.00.03.5.01002	Chondroblastus	Chondroblast

<sup>38</sup> H2.00.03.5.00001 *Textus cartilagineus*: The term *Canalis cartilagineus* present in the 3<sup>rd</sup> edition of *Nomina Histologica* is not included here: the canals exist only in embryos and the term thus appears in *Terminologia Embryologica*.



## 2.2 Histologia generalis/General histology

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.03.6.00001	<b>TEXTUS CHONDROIDEUS<sup>39</sup></b>	<b>CHONDROID TISSUE</b>
H2.00.03.6.00002	Chondroidocytus	Chondroidocyte
H2.00.03.6.00003	Chondroidogenesis	Chondroidogenesis
H2.00.03.7.00001	<b>TEXTUS OSSEUS</b>	<b>BONE TISSUE; OSSEOUS TISSUE</b>
H2.00.03.7.00002	Osteoblastus	Osteoblast
H2.00.03.7.00003	Osteocytus	Osteocyte
H2.00.03.7.00004	Processus osteocytii	Osteocyte process
H2.00.03.7.00005	Osteoclastus	Osteoclast
H2.00.03.7.00006	Limbus microplicatus	Ruffled border
H2.00.03.7.00007	Cellula vestiens ossis <sup>40</sup>	Bone lining cell
H2.00.03.7.00008	Matrix ossea	Bone matrix
H2.00.03.7.00009	Fibra collageni	Collagen fibre <sup>4</sup>
H2.00.03.7.00010	Proteinum non collagenosum	Noncollagen proteins
H2.00.03.7.00011	Crystallum hydroxyapatiti	Hydroxyapatite crystal
H2.00.03.7.00012	Canalis ossis	Bone canal
H2.00.03.7.00013	Canaliculus ossis	Bone canaliculus
H2.00.03.7.00014	Lacuna ossis	Bone lacuna
H2.00.03.7.00015	Lacuna osteocytii	Osteocyte lacuna
H2.00.03.7.00016	Lacuna erosionis; Lacuna resorptionis	Resorption bay; Osteoclastic crypt
H2.00.03.7.00017	Canalis erosionis	Erosion canal
H2.00.03.7.00018	Periosteum	Periosteum
H2.00.03.7.00019	Stratum fibrosum	Fibrous layer
H2.00.03.7.00020	Stratum osteogenicum	Osteogenic layer
H2.00.03.7.00021	Fasciculus collageni perforans	Perforating collagen fibre bundle <sup>4</sup>
H2.00.03.7.00022	Endosteum <sup>41</sup>	Endosteum
H2.00.03.7.00023	<b>Textus osseus compactus</b>	<b>Compact bone</b>
H2.00.03.7.00024	<b>Textus osseus lamellaris</b>	<b>Lamellar membranous bone</b>
H2.00.03.7.00025	Lamella ossea	Bone lamella
H2.00.03.7.00026	Lamella circumferentialis externa	External circumferential lamella
H2.00.03.7.00027	Osteonum primarium	Primary osteon
H2.00.03.7.00028	Lamella circumferentialis interna	Internal circumferential lamella
H2.00.03.7.00029	Cavitas resorptionis	Resorption cavity

<sup>39</sup> H2.00.03.6.00001 *Textus chondroideus*: Described under more than 30 different names (Berestford WA. Chondroid bone, secondary cartilage and metaplasia. Munich: Urban & Schwarzenberg; 1981), this tissue differs from cartilage and of the different types of bone in its microradiographical aspect (Goret-Nicalse M, Dhemi A. Presence of chondroid tissue in the symphyseal region of the growing mandible. *Acta Anat* 1982; 113: 189–195), in its collagen types content (Goret-Nicalse M. Identification of collagen type I and type II in chondroid tissue. *Calcif Tiss Int* 1984; 36: 682–689), and in its ultrastructural aspect (Goret-Nicalse M, Dhemi A. Electron microscopic study of chondroid tissue in the cat mandible. *Calcif Tiss Int* 1987; 40: 219–223).

<sup>40</sup> H2.00.03.7.00007 *Cellula vestiens ossis*: A flattened epithellumlike cell found on the resting surfaces of bone (Miller SC, Jee WSS. The bone lining cell: a different phenotype? *Calcif Tiss Int* 1987; 41: 1–5).

<sup>41</sup> H2.00.03.7.00022 *Endosteum*: The incomplete layer of bone cells sometimes observed on the inner aspects of the bones, which is thus not a distinct membrane like the periosteum, but a layer corresponding to the periosteal layer of the dura mater.

	<b>NOMINA LATINA</b>	<b>ENGLISH EQUIVALENTS</b>
H2.00.03.7.00030	Linea cementalis	Cement line; Reversal line
H2.00.03.7.00031	Osteonum secundarium	Secondary osteon
H2.00.03.7.00032	Stratum preosseum; Osteoideum	Osteoid; Preosseous matrix
H2.00.03.7.00033	Linea calcificationis	Calcification front
H2.00.03.7.00034	Lamella osteoni	Osteon concentric lamella
H2.00.03.7.00035	Canalis osteoni; Canalis centralis	Osteonic canal; Central canal
H2.00.03.7.00036	Linea interruptionis	Arrest line
H2.00.03.7.00007	Cellula vestiens ossis <sup>40</sup>	Bone lining cell
H2.00.03.7.00037	Lamella interstitialis	Interstitial lamella
H2.00.03.7.00038	Canalis transversus	Transverse canal
H2.00.03.7.00039	Canalis perforans	Perforating canal
H2.00.03.7.00040	Canalis nutricius; Canalis nutriens	Nutrient canal
H2.00.03.7.00041	Textus osseus reticulofibrosus	Woven bone
H2.00.03.7.00042	Textus osseus fasciculatus	Bundle bone
H2.00.03.7.00043	Textus osseus spongiosus; Textus osseus trabecularis	Trabecular bone; Cancellous bone; Spongy bone
H2.00.03.7.00044	Trabecula ossea	Bone trabecula
H2.00.03.7.00045	Lamella ossea	Bone lamella
H2.00.03.7.01001	Osteogenesis	Osteogenesis
H2.00.03.7.00002	Osteoblastus	Osteoblast
H2.00.03.7.01002	Ossificatio	Ossification
H2.00.03.7.01003	Osteonum	Osteon
H2.00.03.7.00032	Stratum preosseum; Osteoideum	Osteoid; Preosseous matrix
H2.00.03.7.00033	Linea calcificationis	Calcification front
H2.00.03.7.01004	Centrum ossificationis	Ossification centre <sup>4</sup>
H2.00.03.7.01005	Vesicula matricialis	Matrix vesicle
H2.00.03.7.00011	Crystallum hydroxyapatiti	Hydroxyapatite crystal
H2.00.03.7.00044	Trabecula ossea	Bone trabecula
H2.00.03.7.00005	Osteoclastus	Osteoclast
H2.00.03.7.00016	Lacuna erosionis	Osteoclastic crypt; Erosion lacuna
H2.00.03.7.01006	Linea erosionis; Linea resorptionis	Erosion front
H2.00.03.7.01007	Os membranaceum	Membranous bone
H2.00.03.7.01008	Os endochondrale	Endochondral bone
H2.00.03.7.02001	Ossificatio membranacea; Ossificatio desmalis	Membranous ossification; Intramembranous ossification
H2.00.03.7.03001	Ossificatio chondralis	Chondral ossification; Cartilaginous ossification
H2.00.03.7.03002	Ossificatio perichondralis	Perichondral ossification
H2.00.03.5.00019	Perichondrium	Perichondrium
H2.00.03.7.00020	Stratum osteogenicum	Osteogenic layer
H2.00.03.7.00002	Osteoblastus	Osteoblast

## 2.4 Histologia generalis/General histology

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.03.7.03003	Anulus osseus perichondralis <sup>42</sup>	Perichondral bone anulus
H2.00.03.7.03004	Ossificatio endochondralis	Endochondral ossification
H2.00.03.7.03005	Centrum ossificationis	Ossification centre <sup>▲</sup>
H2.00.03.7.03006	Centrum ossificationis primarium; Centrum ossificationis diaphysiale	Primary ossification centre <sup>▲</sup> ; Diaphysial ossification centre <sup>▲</sup>
H2.00.03.7.03007	Gemma osteogenica primaria	Primary osteogenic nucleus
H2.00.03.7.03008	Cavitas medullaris primaria	Primary medullary cavity
H2.00.03.7.03009	Cartilago epiphysialis	Epiphysial cartilage
H2.00.03.7.03010	Zona quiescens	Resting zone; Quiescent zone
H2.00.03.7.03011	Zona proliferacionis	Proliferation zone
H2.00.03.7.03012	Columella chondrocytorum	Chondrocyte column
H2.00.03.7.03013	Zona hypertrophica	Hypertrophic zone
H2.00.03.7.03014	Chondrocytus hypertrophicus	Hypertrophic chondrocyte
H2.00.03.7.03015	Zona calcificationis	Calcification zone
H2.00.03.7.03016	Cartilago calcificata	Calcified cartilage
H2.00.03.7.03017	Cavitas cartilaginis	Cartilaginous lacuna
H2.00.03.7.03018	Trabecula cartilaginea	Cartilaginous trabecula
H2.00.03.7.03019	Zona erosionis	Erosion zone
H2.00.03.7.03020	Lacuna erosionis	Erosion lacuna
H2.00.03.7.03021	Chondroclastus	Chondroclast
H2.00.03.7.03022	Zona ossificationis	Ossification zone
H2.00.03.7.01008	Textus osseus endochondralis	Endochondral bone
H2.00.03.7.03023	Trabecula ossea primaria	Primary bone trabecula
H2.00.03.7.03024	Trabecula ossea secundaria	Secondary bone trabecula
H2.00.03.7.03025	Centrum ossificationis secundarium; Centrum ossificationis epiphysiale	Secondary ossification centre <sup>▲</sup> ; Epiphysial ossification centre <sup>▲</sup>
H2.00.03.7.03026	Gemma osteogenica secundaria	Secondary osteogenic nucleus
H2.00.03.7.03027	Chondrocytus hypertrophicus	Hypertrophic chondrocyte
H2.00.03.7.03028	Cartilago calcificata	Calcified cartilage
<b>H2.00.04.0.00001</b>	<b>Structurae haematolymphoideae</b>	<b>Haematolymphoid complex<sup>▲</sup></b>
H2.00.04.1.00001	HAEMOCYTI	BLOOD CELLS
H2.00.04.1.01001	Erythrocytus; Haematia	Erythrocyte; Red blood cell
H2.00.04.1.01002	Normocytus	Normocyte
H2.00.04.1.01003	Macrocytus	Macrocyte
H2.00.04.1.01004	Microcytus	Microcyte
H2.00.04.1.01005	Anisocytosis	Anisocytosis
H2.00.04.1.01006	Erythrocytus polychromatophilus	Polychromatic erythrocyte; Polychromatophilic erythrocyte
H2.00.04.1.01007	Reticulocytus	Reticulocyte
H2.00.04.1.01008	Substantia reticulofilamentosa	Reticular substance
H2.00.04.1.01009	Residuum chromatini	Chromatic residue
H2.00.04.1.01010	Stroma erythrocyti	Erythrocyte stroma
H2.00.04.1.01011	Spectrum erythrocyti	Erythrocyte ghost
H2.00.04.1.01012	Strues erythrocytorum	Erythrocyte rouleau

<sup>42</sup> H2.00.03.7.03003 *Anulus osseus perichondralis*: The site of periosteal activity around the cartilaginous bud of a bone, and subsequently around the diaphysial cartilage.

	<b>NOMINA LATINA</b>	<b>ENGLISH EQUIVALENTS</b>
H2.00.04.1.02001	<b>Leucocytus</b>	<b>Leucocyte; White blood cell</b>
H2.00.04.1.02002	Lymphocytus	Lymphocyte
H2.00.04.1.02003	Granulum azurophilum	Azurophilic granule
H2.00.04.1.02004	Lymphocytus parvus	Small lymphocyte
H2.00.04.1.02005	Lymphocytus B	B Lymphocyte
H2.00.04.1.02006	Lymphocytus K	Natural killer cell; NK cell
H2.00.04.1.02007	Lymphocytus T	T Lymphocyte
H2.00.04.1.02008	Lymphocytus medius	Medium lymphocyte
H2.00.04.1.02009	Lymphocytus magnus	Large lymphocyte
H2.00.04.1.02010	<b>Monocytus</b>	<b>Monocyte</b>
H2.00.04.1.02011	Granulum azurophilum	Azurophilic granule
H2.00.04.1.02012	<b>Granulocytus neutrophilus; Neutrophilus; Granulocytus neutrophilus segmentonuclearis</b>	<b>Neutrophilic granulocyte; Neutrophil; Segmented neutrophilic granulocyte</b>
H2.00.04.1.02013	Granulum neutrophilum	Neutrophilic granule
H2.00.04.1.02014	Granulum azurophilum	Azurophilic granule
H2.00.04.1.02015	Chromatinum sexuale	Sex chromatin
H2.00.04.1.02016	Metamyelocytus neutrophilus; Granulocytus neutrophilus juvenilis	Neutrophil metamyelocyte; Juvenile neutrophil
H2.00.04.1.02017	<b>Granulocytus acidophilus; Eosinophilus</b>	<b>Eosinophilic granulocyte; Eosinophil</b>
H2.00.04.1.02018	Granulum eosinophilum	Eosinophilic granule
H2.00.04.1.02019	Granulum eosinophilum majus	Large eosinophilic granule
H2.00.04.1.02020	Corpus crystalloideum	Crystalloid core; Major basic protein
H2.00.04.1.02021	Granulum eosinophilum minus	Small eosinophilic granule
H2.00.04.1.02022	<b>Granulocytus basophilus; Basophilus</b>	<b>Basophilic granulocyte; Basophil</b>
H2.00.04.1.02023	Granulum basophilum	Basophilic granule
H2.00.04.1.02024	Granulum metachromaticum	Metachromatic granule
H2.00.04.1.03001	<b>Thrombocytus</b>	<b>Platelet; Thrombocyte</b>
H2.00.04.1.03002	Hyalomerus	Hyalomere
H2.00.04.1.03003	Granulomerus	Granulomere
H2.00.04.1.03004	Granulum thrombocyticum	Thrombocytic granule
H2.00.04.1.03005	Granulum alpha	Alpha granule
H2.00.04.1.03006	Granulum delta	Dense granule
H2.00.04.1.03007	Systema canaliculare apertum	Open canalicular system
H2.00.04.1.03008	Fasciculus microtubularis marginalis	Marginal microtubular bundle
H2.00.04.1.03009	Systema tubulare densum	Dense tubular system
H2.00.04.2.00001	<b>PLASMA</b>	<b>PLASMA</b>
H2.00.04.2.00002	Plasma sanguinis	Blood plasma
H2.00.04.2.00003	Plasma lymphae	Lymph plasma
H2.00.04.2.00004	Chylomicron	Chylomicron

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.04.3.00001	FORMATIO HAEMOCYTORUM	BLOOD CELL PRODUCTION
H2.00.04.3.01001	Textus haemangiogenicus (vide Terminologia Embryologica)	Haemangiogenic tissue <sup>▲</sup> (see Terminologia Embryologica)
H2.00.04.3.01002	Haemangioblastus	Haemangioblast <sup>▲</sup>
H2.00.04.3.02001	Haematopoiesis; Haemocytopoiesis	Haematopoiesis <sup>▲</sup> ; Haemocytopoiesis <sup>▲</sup>
H2.00.01.0.00006	Cellula haematopoietica precursoria	Haematopoietic stem cell <sup>▲</sup>
H2.00.04.3.02002	Cellula haematopoietica progenetrix	Haematopoietic progenitor cell <sup>▲</sup>
H2.00.04.3.02003	Haemocytoblastus	Haemocytoblast <sup>▲</sup>
H2.00.04.3.02004	Cellula multipotens; Cellula pluripotens	Multipotent cell; Pluripotent cell
H2.00.04.3.02005	Cellula unipotens	Unipotent cell
H2.00.04.3.02006	Cellulae formantes colonias in vitro [CFC] <sup>43</sup>	Cell forming colonies in vitro [CFC]
H2.00.04.3.02007	CFC generans blastos multarum linearum	CFC producing multilineage blast cells [CFC.MLBC]
H2.00.04.3.02008	CFC generans granulocytos, erythrocytos, macrophagos atque megakaryocytos	CFC producing granulocytes, erythrocytes, macrophages and megakaryocytes [CFC.GEMM]
H2.00.04.3.02009	CFC generans granulocytos atque macrophagos	CFC producing granulocytes and macrophages [CFC.GM]
H2.00.04.3.02010	CFC generans eosinophilos	CFC producing eosinophils [CFC.Eosin]
H2.00.04.3.02011	CFC generans cellulas erythroideas	CFC producing erythroid cells in bursts [CFC.E]
H2.00.04.3.02012	CFC generans cellulas erythroideas colonias	CFC producing erythroid cells in colonies [CFC.E]
H2.00.04.3.02013	CFC generans megakaryocytos	CFC producing megakaryocytes [CFC.Mega]
H2.00.04.3.02014	CFC generans mastocytos	CFC producing mast cells [CFC.Ma]
H2.00.04.3.02015	Coloniā stimulans factor [CSF]	Colony stimulating factor [CSF]
H2.00.04.3.02016	CSF promovens pluras progenies cellulares	CSF promoting growth of CFCs containing several lineages [Multi.CSF]
H2.00.04.3.02017	CSF promovens granulocytos et macrophagocytos	CSF promoting growth of CFCs containing granulocytes and macrophages [GM.CSF]
H2.00.04.3.02018	CSF promovens granulocytos	CSF promoting growth of CFCs containing granulocytes [G.CSF]
H2.00.04.3.02019	CSF promovens macrophagos	CSF promoting growth of CFCs containing macrophages [M.CSF]
H2.00.04.3.02020	Microambientia haematopoietica	Haematopoietic micro-environment <sup>▲</sup>
H2.00.04.3.02021	Microambientia haematopoietica extramedullaris	Extramedullary haematopoietic micro-environment <sup>▲</sup>
H2.00.04.3.02022	Microambientia haematopoietica intramedullaris	Intramedullary haematopoietic micro-environment <sup>▲</sup>

<sup>43</sup> H2.00.04.3.02006 *Cellula formantes colonias in vitro [CFC]*: The cells that give rise to colonies in the spleen of an irradiated mouse (Till JE, McCulloch EA. A direct measurement of the radiation sensitivity of normal mouse bone marrow Radiat Res. 1961;14:213–222) were designated colony forming units (CFU) and later termed *CFU-S (colony forming unit-spleen)*. It would, however, be inaccurate to include them among human blood cell precursors, because they have not been demonstrated in human haematopoietic tissues. The cells that form colonies *in vitro* and are the basis of clonogenic assays for various progenitor cells are commonly referred to as *CFC-colony forming cells*. Initially haematopoietic stem cells were incorrectly believed to be represented by CFU *in vivo* and by CFC *in vitro* but it was subsequently appreciated that CFU and CFC represent successive stages in the differentiation of haematopoietic stem cells.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.01.0.00008	Cellula mesenchymatica precursoria	Mesenchymal stem cell [hMSC]
H2.00.04.3.02023	Stroma medullaris	Medullary stroma
H2.00.04.3.02024	Cellula stromatis	Stromal cell
H2.00.03.0.01007	Macrophagocytus	Macrophage
H2.00.04.3.02025	Cellula reticularis	Reticulum cell; Reticular cell
H2.00.03.0.03006	Fibra reticularis; Fibra collageni typi III	Type III collagen fibre <sup>A</sup> ; Reticular fibre <sup>A</sup>
H2.00.04.3.02026	Cellula adventitialis	Adventitial cell
H2.00.02.0.02014	Endothelium perforatum	Perforated endothelium
H2.00.02.0.02015	Endotheliocytus perforatus	Perforated endothelial cell
H2.00.04.3.02027	Sinusoides; Sinus venularis	Sinusoid
<b>H2.00.04.3.03001 Erythrocytopoiesis Erythrocytopoiesis</b>		
H2.00.04.3.03002	Proerythroblastus	Proerythroblast
H2.00.04.3.03003	Erythroblastus	Erythroblast
H2.00.04.3.03004	Erythroblastus basophilus	Basophilic erythroblast
H2.00.04.3.03005	Erythroblastus polychromatophilus	Polychromatic erythroblast; Polychromatophilic erythroblast
H2.00.04.3.03006	Erythroblastus acidophilus	Acidophilic erythroblast; Orthochromatic erythroblast
H2.00.04.1.01007	Reticulocytus	Reticulocyte
H2.00.04.1.01001	Erythrocytus	Erythrocyte
H2.00.04.3.03007	Insula erythroblastica	Erythroblastic islet
<b>H2.00.04.3.04001 Granulocytopoiesis Granulocytopoiesis</b>		
H2.00.04.3.04002	Myeloblastus	Myeloblast
H2.00.04.3.04003	Promyelocytus	Promyelocyte
H2.00.04.3.04004	Myelocytus	Myelocyte
H2.00.04.3.04005	Myelocytus neutrophilus	Neutrophilic myelocyte
H2.00.04.3.04006	Myelocytus acidophilus	Acidophilic myelocyte
H2.00.04.3.04007	Myelocytus basophilus	Basophilic myelocyte
H2.00.04.3.04008	Metamyelocytus	Metamyelocyte
H2.00.04.1.02016	Metamyelocytus neutrophilus	Neutrophil metamyelocyte; Neutrophilic metamyelocyte
H2.00.04.3.04009	Metamyelocytus acidophilus	Acidophil metamyelocyte; Acidophilic metamyelocyte
H2.00.04.3.04010	Metamyelocytus basophilus	Basophil metamyelocyte; Basophilic metamyelocyte
H2.00.04.3.04011	Granulocytus neutrophilus non segmentonuclearis	Band cell; Nonsegmented neutrophilic granulocyte
H2.00.04.1.02012	Granulocytus neutrophilus; Neutrophilus; Granulocytus neutrophilus segmentonuclearis	Neutrophilic granulocyte; Neutrophil; Segmented neutrophilic granulocyte
H2.00.04.1.02017	Granulocytus acidophilus; Eosinophilus	Eosinophilic granulocyte; Eosinophil
H2.00.04.1.02022	Granulocytus basophilus; Basophilus	Basophilic granulocyte; Basophil
<b>H2.00.04.3.05001 Megakaryocytopoiesis et thrombocytopoiesis Megakaryocytopoiesis and thrombocytopoiesis</b>		
H2.00.04.3.05002	Megakaryoblastus	Megakaryoblast
H2.00.04.3.05003	Megakaryocytus	Megakaryocyte
H2.00.04.3.05004	Prothrombocytus	Proplatelet

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.04.3.05005	Vesicula limitans thrombocyti	Platelet demarcation vesicle
H2.00.04.3.05006	Canalis limitans thrombocyti	Platelet demarcation channel
H2.00.04.3.05007	Membrana limitans thrombocyti	Platelet demarcation membrane
H2.00.04.1.03001	Thrombocytus	Platelet; Thrombocyte
<b>Lymphocytopoiesis</b>		
H2.00.04.3.06001	Lymphocytopoiesis	Lymphocytopoiesis
H2.00.04.1.02009	Lymphocytus magnus <sup>44</sup>	Large lymphocyte
H2.00.04.1.02008	Lymphocytus medius	Medium lymphocyte
H2.00.04.3.06002	Lymphocytus transitionalis	Transition lymphocyte; Transitional lymphocyte
H2.00.04.1.02004	Lymphocytus parvus	Small lymphocyte
H2.00.04.3.06003	Cellula thymocytopoietica progenetrix <sup>45</sup>	Thymocytopoietic progenitor cell
H2.00.04.3.06004	Prothymocytus <sup>46</sup>	Prothymocyte
<b>Plasmocytopoiesis</b>		
H2.00.04.3.07001	Plasmocytopoiesis	Plasmocytopoiesis; Plamacytopoiesis
H2.00.04.3.07002	Lymphocytus B	B Lymphocyte
H2.00.04.3.07003	Plasmoblastus	Plasmablast; Plasmoblast
H2.00.03.0.01006	Plasmocytus	Plasmocyte; Plasma cell; Plasmacyte
<b>Monocytopoiesis</b>		
H2.00.04.3.08001	Monocytopoiesis	Monocytopoiesis
H2.00.04.3.08002	Monoblastus	Monoblast
H2.00.04.1.02010	Monocytus	Monocyte
<b>LOCI HAEMATOPOIESIS POSTNATALIS</b>		
H2.00.04.4.00001	LOCI HAEMATOPOIESIS POSTNATALIS	POSTNATAL SITES OF HAEMATOPOIESIS <sup>A</sup>
H2.00.04.4.00002	Medulla ossium	Bone marrow
H2.00.04.4.00003	Textus myeloideus	Myeloid tissue
H2.00.04.4.00004	Medulla ossium rubra	Red bone marrow; Haematopoietic bone marrow <sup>A</sup>
<b>TEXTUS LYMPHOIDEUS (vide Systema lymphoideum paginam 90)</b>		
H2.00.04.4.01001	TEXTUS LYMPHOIDEUS (vide Systema lymphoideum paginam 90)	LYMPHOID TISSUE (See Lymphoid system page 90)
<b>Muscle tissue</b>		
H2.00.05.0.00001	Textus muscularis <i>Nomina generalia</i> <sup>47</sup>	Muscle tissue <i>General terms</i>
H2.00.05.0.00002	Myocytus	Muscle cell; Myocyte
H2.00.05.0.00003	Sarcolemma	Sarcolemma
H2.00.05.0.00004	Sarcoplasma	Sarcoplasm
H2.00.05.0.00005	Reticulum sarcoplasmicum	Sarcoplasmic reticulum
H2.00.05.0.00006	Myofilamentum	Myofilament
H2.00.05.0.00007	Myofibrilla	Myofibril
H2.00.05.0.00008	Sarcomerum; Myomerum	Sarcomere; Myomere

<sup>44</sup> H2.00.04.1.02009 *Lymphocytus magnus*: The term *lymphoblast* has not been included, because attempts to establish a distinction between lymphoblasts and myeloblasts have been rendered redundant by the recognition of the multipotent haematopoietic stem cell from which all blood cell lineages are believed to be derived.

<sup>45</sup> H2.00.04.3.06003 *Cellula thymocytopoietica progenetrix*: Whereas the stem cell bears none of the markers of the T-lymphocyte lineage, the thymocytopoietic progenitor cell tests positively for terminal deoxynucleotidyl transferase [TdT<sup>+</sup>] and for the cluster of differentiation molecule 34 [CD34<sup>+</sup>]; it becomes CD1<sup>+</sup> but remains negative for T-cell receptors [TCR], CD3, CD4 and CD8.

<sup>46</sup> H2.00.04.3.06004 *Prothymocytus*: The prothymocyte is TdT<sup>+</sup>, TCR<sup>low</sup>, and CD3<sup>+</sup>, but CD4<sup>-</sup> and CD8<sup>-</sup>.

<sup>47</sup> *Nomina generalia*: In this general section, the commonly used terms are given, not necessarily applying to all types of muscle tissue; the structures and components that are relevant will differ, depending on the muscle cell type.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.05.0.00009	<i>Proteina filamentosa et proteina filamento adjuncta</i>	<i>Filament proteins and associated proteins</i>
H2.00.05.0.00010	Actinum	Actin
H2.00.05.0.00011	Actinum $\alpha$	Alpha actinin
H2.00.05.0.00012	Actinum $\beta$	Beta actinin
H2.00.05.0.00013	Caldesmonum	Caldesmon
H2.00.05.0.00014	Calmodulinum	Calmodulin
H2.00.05.0.00015	Calponinum	Calponin
H2.00.05.0.00016	Complexus troponini	Troponin complex
H2.00.05.0.00017	Desminum	Desmin
H2.00.05.0.00018	Myomesinum	Myomesin
H2.00.05.0.00019	Myosinum II	Myosin II
H2.00.05.0.00020	Nebulinum	Nebulin
H2.00.05.0.00021	Plectinum	Plectin
H2.00.05.0.00022	Proteinum cap Z	Cap Z protein
H2.00.05.0.00023	Proteinum lineae M	M line protein
H2.00.05.0.00024	Titinum; Connectinum	Titin; Connectin
H2.00.05.0.00025	Tropomodulinum	Tropomodulin
H2.00.05.0.00026	Tropomyosinum	Tropomyosin
H2.00.05.0.00027	<i>Proteina sarcolemmati adjuncta</i>	<i>Sarcolemma-related proteins</i>
H2.00.05.0.00028	Complexus sarcoglycani	Sarcoglycan complex
H2.00.05.0.00029	Dystroglycanum	Dystroglycan
H2.00.05.0.00030	Dystrophinum	Dystrophin
H2.00.05.0.00031	Spectrinum	Spectrin
H2.00.05.0.00032	Syntrophinum	Syntrophin
H2.00.05.0.00033	Utrophinum	Utrophin
H2.00.05.1.00001	<b>TEXTUS MUSCULARIS LEVIS; TEXTUS MUSCULARIS NONSTRIATUS</b>	<b>SMOOTH MUSCLE TISSUE</b>
H2.00.05.1.00002	Myocytus levis; Myocytus non striatus <sup>48</sup>	Smooth muscle cell
H2.00.05.1.00003	Membrana basalis	Basement membrane
H2.00.05.1.00004	Myofilamentum	Myofilament
H2.00.05.1.00005	Myofilamentum crassum; Filamentum myosini	Thick myofilament; Myosin filament
H1.00.01.3.01013	Myofilamentum tenue; Filamentum actini	Thin myofilament; Actin filament
H2.00.05.1.00006	Vinculum sarcoplasmicum	Dense body
H2.00.05.1.00007	Vinculum sarcolemmaticum	Dense plaque
H1.00.01.3.01102	Caveola	Caveola
H2.00.05.1.00008	Macula communicans; Nexus	Gap junction; Macula communicans; Nexus
H2.00.05.1.00009	Textus muscularis levis unitaris <sup>49</sup>	Unitary smooth muscle tissue
H2.00.05.1.00010	Textus muscularis levis multiunitaris <sup>50</sup>	Multi unit smooth muscle tissue

<sup>48</sup> H2.00.05.1.00002 *Myocytus levis; Myocytus non striatus*: Other contractile cells resembling smooth muscle cells are the pericyte (H4.7.02.011), the myoid cell (H3.2.01.019c), and the myoepithelocyte (H3.1.03.040a). Myofibroblasts may also belong to this cell category.

<sup>49</sup> H2.00.05.1.00009 *Textus muscularis levis unitaris*: This type is also referred to as *visceral smooth muscle tissue*, *myogenic smooth muscle tissue*, or *spontaneously active smooth muscle tissue*.

<sup>50</sup> H2.00.05.1.00010 *Textus muscularis levis multiunitaris*: This type is also referred to as *not-spontaneously-active smooth muscle tissue* or *neurogenic smooth muscle tissue*.



	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.05.2.00001	TEXTUS MUSCULARIS STRIATUS <sup>51</sup>	STRIATED MUSCLE TISSUE
H2.00.01.0.00009	Cellula myogenica precursoria	Myogenic stem cell
H2.00.05.2.00002	Textus muscularis striatus skeletalis	Skeletal striated muscle
H2.00.05.2.00003	Textus muscularis striatus visceralis	Visceral striated muscle
H2.00.05.2.00004	Textus muscularis striatus cardiacus	Cardiac striated muscle
H2.00.05.2.00005	Textus muscularis striatus visceralis non cardiacus	Noncardiac visceral striated muscle
H2.00.05.2.01001	Textus muscularis striatus non cardiacus <sup>52</sup>	Noncardiac striated muscle tissue
H2.00.05.2.01002	Myofibra striata non cardiaca <sup>53</sup>	Noncardiac striated muscle fibre <sup>▲</sup>
H2.00.05.2.01003	Myofibrilla striata non cardiaca	Noncardiac myofibril
H2.00.05.2.01004	Myofilamentum	Myofilament
H2.00.05.1.00005	Myofilamentum crassum; Filamentum myosini	Thick myofilament; Myosin filament
H2.00.01.3.01013	Myofilamentum tenue; Filamentum actini	Thin myofilament; Actin myofilament
H2.00.05.0.00008	Sarcomerum; Myomerum	Sarcomere; Myomere
H2.00.05.2.01005	Stria A; Discus anisotropicus	A band; Anisotropic band
H2.00.05.2.01006	Stria I; Discus isotropicus	I band; Isotropic band
H2.00.05.2.01007	Stria H	H band; Pale zone
H2.00.05.2.01008	Pseudostria H	Pseudo H band
H2.00.05.2.01009	Linea M; Mesophragma	M line
H2.00.05.2.01010	Filamentum M	M Filament
H2.00.05.2.01011	Pons M	M Bridge
H2.00.05.2.01012	Linea Z; Telophragma	Z line; Z disc
H2.00.05.2.01013	Costamerum	Costamere
H2.00.05.2.01014	Reticulum sarcoplasmicum	Sarcoplasmic reticulum
H2.00.05.2.01015	Elementum reticulare	Reticular element
H2.00.05.2.01016	Elementum tubulare	Tubular element
H2.00.05.2.01017	Cisterna terminalis	Terminal cistern

<sup>51</sup> H2.00.05.2.00001 *Textus muscularis striatus*: The following classification of striated muscle acknowledges the presence of nonskeletal, noncardiac visceral striated muscle, such as oesophageal striated muscle and external anal and urethral sphincters (Wareham AC, Whitmore I. A comparison of the mechanical properties of oesophageal striated muscle with skeletal muscles of the guinea pig. *Pflügers Arch* 1982; 395: 312–317; Whitmore I. The ultrastructure of oesophageal striated muscle in the guinea pig and marmoset. *Cell & Tiss Res* 1983; 234: 365–376; Whitmore I, Gosling JA, Gilpin SA. A comparison between the physiological characteristics of urethral striated muscle in the guinea pig. *Pflügers Arch* 1984; 400: 40–43; Whitmore I, Notman JA. A quantitative investigation into some ultrastructural characteristics of guinea pig oesophageal striated muscle. *J Anat* 1987; 153:233–240).

<sup>52</sup> H2.00.05.2.01001 *Textus muscularis striatus non cardiacus*: This term includes both skeletal striated muscle and noncardiac visceral striated muscle.

<sup>53</sup> H2.00.05.2.01002 *Myofibra striata non cardiaca*: The old terms *myocytus ruber* and *albus* described the colour of the muscle in which those types of fibre predominate. Current thinking identifies 5 fibre types in human striated muscle, known as type 1, 2a, 2b, 2c and 2x (or 2d). The following table identifies the different nomenclatures in use during recent years:

Type	1	2c	2a	2x/2d	2b
	I		IIA		IIIB
	SO		FOG		FG
	SR		FR		FF
Myosin heavy chain type	cb	t/n	2a	2x	2b
Historical types	red		(------white-----)		
	S = Slow, F = Fast, O = Oxidative, G = Glycolytic				
	SR = Slow & fatigue resistant, FR = Fast & fatigue resistant, FF = Fast & fatiguable				
	t/n = fetal/neonatal				

(Pereira Sant'Ana JA, Ennion S, Sargeant AJ, Moorman AF, Goldspink G. Comparison of the molecular, antigenic and ATPase determinants of fast myosin heavy chains in rat and human: a single fibre study. *Pflügers Arch* 1997; 435: 151–163; Staron RS. Human skeletal muscle fiber types: delineation, development, and distribution. *Can J Appl Physiol* 1997; 22:307–327).

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.05.2.01018	Tubulus T; Tubulus transversus	T tubule; Transverse tubule
H2.00.05.2.01019	Trias	Triad
H2.00.05.2.01020	Myosatellitocytus	Myosatellite cell
H2.00.05.2.02001	<b>Textus muscularis striatus cardiacus</b>	<b>Cardiac striated muscle</b>
H2.00.05.2.02002	Cardiomyofibra; Myofibra cardiaca	Cardiac myofibre <sup>4</sup>
H2.00.05.2.02003	Cellula cardiomyoprogenetrix	Cardiac myoprogenitor cell
H2.00.05.2.02004	Cardiomyocytus; Myocytus cardiacus	Cardiac muscle cell
H2.00.05.2.02005	Myofibrilla striata cardiaca	Cardiac myofibril
H2.00.05.2.02006	Discus intercalaris; Discus intercalatus	Intercalated disc
H2.00.05.2.02007	Macula adhaerens; Desmosoma	Desmosome; Macula adherens
H2.00.05.2.02008	Fascia adhaerens	Fascia adherens
H2.00.05.1.00008	Macula communicans; Nexus	Gap junction; Macula communicans; Nexus
H2.00.05.2.02009	Reticulum sarcoplasmicum	Sarcoplasmic reticulum
H2.00.05.2.02010	Elementum reticulare	Reticular element
H2.00.05.2.02011	Elementum tubulare	Tubular element
H2.00.05.2.02012	Cisterna terminalis	Terminal cistern
H2.00.05.2.02013	Tubulus transversus	Transverse tubule; T tubule
H2.00.05.2.02014	Lamina basalis intratubularis	Intratubular basal lamina
H2.00.05.2.02015	Dias	Diad
H2.00.05.2.02016	Cardiomyocytus atrialis secretans	Endocrine atrial cardiomyocyte; Atrial myoendocrine cell
H2.00.05.2.02017	Cardiomyocytus stimulans; Myocytus nodalis	Stimulating cardiomyocyte; Cardiac pacemaker cell
H2.00.05.2.02018	Cardiomyofibra conducens; Myofibra cardiaca conducens	Conducting cardiac myofibre <sup>4</sup>
H2.00.05.2.02019	Cardiomyocytus conducens; Myocytus cardiacus conducens	Cardiac conducting muscle cell
H2.00.05.2.03001	<b>Myohistogenesis</b>	<b>Myohistogenesis</b>
H2.00.05.2.03002	Cellula myocytoprogenetrix	Myocytoprogenitor cell
H2.00.05.2.03003	Promyoblastus	Promyoblast
H2.00.05.2.03004	Myoblastus	Myoblast
H2.00.05.2.03005	Status mononuclearis	Mononuclear state
H2.00.05.1.00002	Myocytus levis; Myocytus non striatus	Smooth muscle cell
H2.00.05.2.02004	Cardiomyocytus; Myocytus cardiacus	Cardiac muscle cell
H2.00.05.2.03006	Status multinuclearis	Multinuclear state
H2.00.05.2.03007	Myotubus	Myotube
H2.00.05.2.03008	Myofibra	Myofibre <sup>4</sup>
H2.00.05.2.01002	Myofibra striata non cardiaca	Non-cardiac striated muscle fibre <sup>4</sup>
H2.00.06.0.00001	<b>Textus nervosus</b>	<b>Nerve tissue</b>
H2.00.06.1.00001	<b>NEURON</b>	<b>NEURON</b>
H2.00.06.1.00002	Neurolemma <sup>54</sup>	Neurolemma; Neurilemma

<sup>54</sup> H2.00.06.1.00002 *Neurolemma*: The use of the suffix -lemma, such as in *plasmalemma*, has now been extended to *neurolemma*, to mean the cell membrane of a neuron.

## 32 Histologia generalis/General histology

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.06.1.00003	Axolemma	Axolemma
H2.00.06.1.00004	Perikaryon; Neurosoma; Soma; Corpus neuronis	Nerve cell body
H2.00.06.1.00005	Gemmula somatica	Somatic spine
H2.00.06.1.00006	Colliculus axonalis	Axon hillock
H2.00.06.1.00007	Neurofibrilla	Neurofibril
H1.00.01.3.01032	Neurofilamentum	Neurofilament
H2.00.06.1.00008	Microtubulus neuralis; Neurotubulus	Neural microtubule; Neurotubule
H2.00.06.1.00009	Substantia chromatophila	Chromatophilic substance
H2.00.06.1.00010	Neurofibra <sup>55</sup>	Nerve fibre <sup>▲</sup>
H2.00.06.1.00011	Neurofibra centralis	Central nerve fibre <sup>▲</sup>
H2.00.06.1.00012	Neurofibra peripherica	Peripheral nerve fibre <sup>▲</sup>
H2.00.06.1.00013	Neurofibra motoria	Motor nerve fibre <sup>▲</sup>
H2.00.06.1.00014	Neurofibra sensoria	Sensory nerve fibre <sup>▲</sup>
H2.00.06.1.00015	Neurofibra afferens	Afferent nerve fibre <sup>▲</sup>
H2.00.06.1.00016	Neurofibra efferens	Efferent nerve fibre <sup>▲</sup>
H2.00.06.1.00017	Neurofibra internuncialis	Internuncial nerve fibre <sup>▲</sup>
H2.00.06.1.00018	Axon <sup>56</sup>	Axon
H2.00.06.0.00004	Axolemma	Axolemma
H2.00.06.1.00019	Axoplasma	Axoplasm
H2.00.06.1.00020	Segmentum initiale	Initial segment
H2.00.06.1.00021	Densitas subaxolemmalis	Subaxolemmal density
H2.00.06.1.00022	Ramus collateralis axonis	Axon collateral
H2.00.06.1.00023	Ramus collateralis recurrens axonis	Recurrent axon collateral
H2.00.06.1.00024	Varicositas axonalis	Axon varicosity
H2.00.06.1.00025	Segmentum intervaricosum	Intervaricose segment
H2.00.06.1.00026	Telodendron	Terminal arborization
H2.00.06.1.00027	Bulbus terminalis	Terminal bouton
H2.00.06.1.00028	Terminatio calycealis axonis	Calyceal axonal ending
H2.00.06.1.00029	Dendritum	Dendrite
H2.00.06.1.00030	Ramus dendriticus	Dendritic branch; Dendritic shaft
H2.00.06.1.00031	Ramus dendriticus primarius	Primary dendritic branch
H2.00.06.1.00032	Ramus dendriticus secundarius	Secondary dendritic branch
H2.00.06.1.00033	Ramus dendriticus tertiaris	Tertiary dendritic branch
H2.00.06.1.00034	Appendix dendritica	Dendritic appendage; Dendritic appendix
H2.00.06.1.00035	Varicositas dendritica	Dendritic varicosity
H2.00.06.1.00036	Gemmula dendritica	Dendritic spine
H2.00.06.1.00037	Apparatus gemmularis	Spine apparatus
H2.00.06.1.00038	Gemmula sessilis	Sessile spine; Stubby spine
H2.00.06.1.00039	Gemmula longa	Thin-necked spine
H2.00.06.1.00040	Caput gemmulae	Spine head
H2.00.06.1.00041	Stipes gemmulae	Spine stalk
H2.00.06.1.00042	Gemmula ramosa	Branched spine
H2.00.06.1.00043	Gemmula uncinata	Crooked spine

<sup>55</sup> H2.00.06.1.00010 *Neurofibra*: A nerve fibre is an elongated process emanating from the perikaryon regardless of its fine structure or its function.

<sup>56</sup> H2.00.06.1.00018 *Axon*: The term *neurite* was formerly used in some parts of the world as a synonym for *axon*, and in other parts as a synonym for *nerve fibre*. To avoid confusion, the term *neurite* is not included here.

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.06.1.00044	Spinula dendritica	Dendritic spinule
H2.00.06.1.00045	Terminatio calycealis dendriti	Calyceal dendritic ending
H2.00.06.1.00046	Neuron unipolare <sup>57</sup>	Unipolar neuron
H2.00.06.1.00047	Neuron pseudounipolare <sup>57</sup>	Pseudounipolar neuron
H2.00.06.1.00048	Processus peripheralis <sup>58</sup>	Peripheral process
H2.00.06.1.00049	Processus centralis	Central process
H2.00.06.1.00050	Neuron bipolare	Bipolar neuron
H2.00.06.1.00051	Neuron multipolare	Multipolar neuron
H2.00.06.1.00052	Neuron multipolare longiaxonium	Multipolar neuron with long axon
H2.00.06.1.00053	Neuron multipolare breviaxonium	Multipolar neuron with short axon
H2.00.06.1.00054	Motoneuron; Neuron motorium	Motor neuron
H2.00.06.1.00055	Neuron sensorium	Sensory neuron
H2.00.06.1.00056	Neuron afferens	Afferent neuron
H2.00.06.1.00057	Neuron efferens	Efferent neuron
H2.00.06.1.00058	Interneuron; Neuron internunciale	Interneuron; Internuncial neuron
H2.00.06.1.00059	Neuron secretorium	Secretory neuron
H2.00.06.1.00060	Substantia neurosecretoria	Neurosecretory material
H2.00.06.1.00061	Vesicula neurosecretoria	Neurosecretory vesicle
H2.00.06.1.00062	Neuron pigmentosum	Pigmented neuron
H2.00.06.1.00063	Neuron melaniferum; Neuromelanocytus	Neuromelanin cell
<b>H2.00.06.1.01001 Terminaciones neurales Nerve endings</b>		
H2.00.06.1.01002	Terminatio neuralis libera	Free nerve ending
H2.00.06.1.01003	Terminatio neuralis tecta	Encapsulated nerve ending
H2.00.06.1.01004	Pes terminalis	Pedicle
H2.00.06.1.01005	Calyx terminalis	Calyceal ending; Caliciform terminal
H2.00.06.1.00028	Bulbus terminalis	Terminal bouton
H2.00.06.1.01006	Bulbus preterminalis	Preterminal varicosity
H2.00.06.1.01007	Receptor	Receptor
H2.00.06.1.01008	Effector	Effector
<b>H2.00.06.2.00001 SYNOPSIS SYNAPSE</b>		
H2.00.01.1.02024	Nexus; Macula communicans; Synapsis non vesicularis; Synapsis electrica	Gap junction; Nonvesicular synapse; Electrical synapse
H2.00.06.2.00002	Synapsis vesicularis; Synapsis chemica	Vesicular synapse; Chemical synapse
H2.00.06.2.00003	Pars presynaptica	Presynaptic region
H2.00.06.2.00004	Vesicula synaptica; Vesicula presynaptica	Synaptic vesicle; Presynaptic vesicle
H2.00.06.2.00005	Vinculum vesiculae synapticae <sup>59</sup>	Synaptic vesicle linking strand

<sup>57</sup> H2.00.06.1.00046/H2.00.06.1.00047 *Neuron unipolare; Neuron pseudounipolare*: True unipolar neurons, like most amacrine cells in the retina, possess a perikaryon directly involved in transmission, whereas the perikaryon of a pseudounipolar neurons does not directly participate in transmission. However, in many parts of the world, both terms are used synonymously.

<sup>58</sup> H2.00.06.1.00048 *Processus peripheralis*: Based on the direction of conduction, the peripheral process is called a *dendritic axon* in some parts of the world.

<sup>59</sup> H2.00.06.2.00005 *Vinculum vesiculae synapticae*: The 30–60 nm-long synapsin I-containing strands that link synaptic vesicles with actin filaments, and synaptic vesicles with adjacent synaptic vesicles (Landis DM, Hall AK, Weinstein LA, Reese TS. The organization of cytoplasm at the presynaptic active zone of a central nervous system synapse. *Neuron* 1988; 1: 201–209; Hirokawa N, Sobue K, Kanda K, Harada A, Yoritani H. The cytoskeletal architecture of the presynaptic terminal and molecular structure of synapsin I. *J Cell Biol* 1989;108:111–126).

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.06.2.00006	Neurotransmittens <sup>60</sup>	Neurotransmitter
H2.00.06.2.00007	Vesicula lucida rotunda	Round clear vesicle; Round electron lucent vesicle
H2.00.06.2.00008	Vesicula lucida plana	Flat clear vesicle; Flat electron lucent vesicle
H2.00.06.2.00009	Vesicula densonuclearis parva	Small dense-cored vesicle
H2.00.06.2.00010	Vesicula densonuclearis magna	Large dense-cored vesicle
H2.00.06.2.00011	Fasciolus synapticus	Synaptic ribbon
H2.00.06.2.00012	Zona activa	Active zone
H2.00.06.2.00013	Densitas presynaptica	Presynaptic density
H2.00.06.2.00014	Cribrum presynapticum	Presynaptic grid
H2.00.06.2.00015	Protuberantia conica	Conical projection
H2.00.06.2.00016	Membrana presynaptica	Presynaptic membrane
H2.00.06.2.00017	Fissura synaptica	Synaptic cleft
H2.00.06.2.00018	Substantia intrafissuralis	Synaptic cleft material
H2.00.06.2.00019	Pars postsynaptica	Postsynaptic region
H2.00.06.2.00020	Membrana postsynaptica	Postsynaptic membrane; Subsynaptic membrane
H2.00.06.2.00021	Densitas postsynaptica	Postsynaptic density
H2.00.06.2.00022	Apparatus postsynapticus	Postsynaptic apparatus
H2.00.06.2.00023	Trama subsynaptica	Subsynaptic web
H2.00.06.2.00024	Synapsis fasciolaris	Ribbon synapse
H2.00.06.2.00025	Corpusculum synapticum <sup>61</sup>	Synaptic body
H2.00.06.2.00026	Fasciolus synapticus	Synaptic ribbon
H2.00.06.2.00027	Sphaera synaptica <sup>62</sup>	Synaptic sphere
H2.00.06.2.00028	Synapses alternantes	Reciprocal synapses
H2.00.06.2.00029	Synapsis symmetrica	Symmetrical synapse; Type 1 synapse
H2.00.06.2.00030	Synapsis asymmetrica	Asymmetrical synapse; Type 2 synapse
H2.00.06.2.00031	Synapsis praeteriens	Synapse en passant
H2.00.06.1.00032	Glomerulus synapticus	Synaptic glomerule
H2.00.06.1.00033	Synaptosoma <sup>63</sup>	Synaptosome
H2.00.06.1.01001	Synapsis neuroneuronalis; Synapsis interneuronalis	Neuroneuronal synapse
H2.00.06.1.01002	Synapsis axoaxonalis	Axo-axonal synapse
H2.00.06.1.01003	Synapsis axodendritica	Axodendritic synapse
H2.00.06.1.01004	Synapsis axosomatica	Axosomatic synapse

<sup>60</sup> H2.00.06.2.00006 *Neurotransmitters*: The listing of all specific neurotransmitters or neuroactive substances is purposely avoided; this list changes almost daily. The entry *Neurotransmitter* acknowledges that such substances are an integral component of the synapse and leaves it to the user to identify those of particular research or teaching interest.

<sup>61</sup> H2.00.06.2.00025 *Corpusculum synapticum*: A generic term for all the different forms of synaptic ribbons including rodlike, spherical and teardroplike structures.

<sup>62</sup> H2.00.06.2.00027 *Sphaera synaptica*: Synaptic spheres may develop from synaptic ribbons. (Adly MA, Sphwoks-Becker I, Vollrath L. Ultrastructural changes of photoreceptor synaptic ribbons in relation to time of day and illumination. *Invest Ophthalmol Vis Sci* 1999;40:2165-2172).

<sup>63</sup> H2.00.06.1.00033 *Synaptosoma*: Synaptosomes are not naturally occurring morphological structures. They are produced when brain tissue is subjected to cell separation procedures. They are pinched-off and sealed presynaptic bulbs often with the postsynaptic membrane attached. (Adelman G. *Encyclopedia of Neuroscience*, Vol. II, p. 1160, Boston: Birkhäuser Verlag AG; 1987).

	NOMINA LATINA	ENGLISH EQUIVALENTS
H2.00.06.1.01005	Synapsis dendrodendritica	Dendrodendritic synapse
H2.00.06.1.01006	Synapsis somatodendritica	Somatodendritic synapse
H2.00.06.1.01007	Synapsis somatosomatica	Somatosomatic synapse
H2.00.06.1.01008	Synapsis excitatoria	Excitatory synapse
H2.00.06.1.01009	Synapsis inhibitoria	Inhibitory synapse
H2.00.06.1.01010	Synapsis afferens	Afferent synapse
H2.00.06.1.01011	Synapsis efferens	Efferent synapse
H2.00.06.1.02001	Synapsis neuromuscularis; Junctio neuromuscularis	Neuromuscular synapse; Neuromuscular junction; Motor end plate
H2.00.06.1.03001	Synapsis neuroglialis	Neuroglial synapse
H2.00.06.1.04001	Synapsis neuroglandularis <sup>64</sup>	Neuroglandular synapse
H2.00.06.1.04002	Synapsis extraparenchymatica	Extraparenchymal synapse; Epilemmal synapse
H2.00.06.1.04003	Synapsis parenchymatica	Parenchymal synapse; Hypolemmal synapse
H2.00.06.1.05001	Synapsis neurovascularis	Neurovascular synapse
H2.00.06.1.06001	Synapsis neurohaemalis	Neurohaemal synapse <sup>A</sup>
H2.00.06.2.00001	NEUROGLIA	NEUROGLIA
H2.00.06.2.00002	Astroglia	Astroglia
H2.00.06.2.00003	Oligodendroglia	Oligodendroglia
H2.00.06.2.00004	Microglia	Microglia
H2.00.06.2.00005	Gliocytus	Glial cell body
H2.00.06.2.00006	Corpus gliocyticum	Glial body
H2.00.06.2.00007	Processus gliocyticus	Glial process
H2.00.06.2.00008	Pigmentum gliae	Glial pigment
H2.00.06.2.01001	Gliocytus centralis	Central glial cell
H2.00.06.2.01002	Ependymocytus	Ependymal cell
H2.00.06.2.01003	Ependymocytus columnaris	Columnar ependymal cell
H2.00.06.2.01004	Ependymocytus ciliatus	Ciliated ependymal cell
H2.00.06.2.01005	Ependymocytus choroideus	Choroid ependymal cell
H2.00.06.2.01006	Cellula supraependymalis	Supra-ependymal cell
H2.00.06.2.01007	Tanycytus	Tanycyte
H2.00.06.2.01008	Astrocytus	Astrocyte
H2.00.06.2.01009	Gliofilamentum	Glial filament
H2.00.06.2.01010	Astrocytus protoplasmicus	Protoplasmic astrocyte
H2.00.06.2.01011	Astrocytus fibrosus	Fibrous astrocyte
H2.00.06.2.01012	Processus vascularis	Vascular process
H2.00.06.2.01013	Processus pialis	Pial process
H2.00.06.2.01014	Membrana limitans glialis superficialis	Limiting membrane of superficial glia

<sup>64</sup> H2.00.06.1.04001 *Synapsis neuroglandularis*: The commonly used terms *epilemmal* and *hypolemmal* are not strictly correct, because *-lemma* refers to the cell membrane and not to the basal lamina. Thus, the preferred terms are *extraparenchymal* and *parenchymal*.

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.06.2.01015	Membrana limitans glialis perivascularis	Limiting membrane of perivascular glia
H2.00.06.2.01016	Membrana limitans glialis periventricularis	Limiting membrane of periventricular glia
H2.00.06.2.01017	Cellula oligodendrocytoprogenetrix	Oligodendrocyte progenitor
H2.00.06.2.01018	Oligodendrocytus	Oligodendrocyte
H2.00.06.2.01019	Oligodendrocytus interfascicularis	Interfascicular oligodendrocyte
H2.00.06.2.01020	Oligodendrocytus intrafascicularis	Intrafascicular oligodendrocyte
H2.00.06.2.01021	Oligodendrocytus perifascicularis	Perifascicular oligodendrocyte
H2.00.06.2.01022	Oligodendrocytus perivascularis	Perivascular oligodendrocyte
H2.00.06.2.01023	Oligodendrocytus satellites; Oligodendrocytus perineuronalis	Satellite oligodendrocyte
H2.00.06.2.01024	Processus myelinopoieticus	Myelinating process; Myelinizing process
H2.00.06.2.01025	Microgliocytus	Microglial cell; Microgliocyte
H2.00.06.2.02001	Gliocytus periphericus	Peripheral glial cell
H2.00.06.2.02002	Gliocytus ganglionicus	Satellite cell; Satellite glial cell
H2.00.06.2.02003	Schwannocytus; Neurolemmocytus <sup>65</sup>	Schwann cell; Neurolemmocyte
H2.00.06.2.02004	Schwannocytus terminalis; Neurolemmocytus terminalis; Cellula telogialis	Terminal Schwann cell; Terminal neurolemmocyte; Terminal glial cell
H2.00.06.2.02005	Neuropilus	Neuropil
H2.00.06.2.03001	Tegumentum neuronale	Neuronal sheath
H2.00.06.2.03002	Oligodendrocytus	Oligodendrocyte
H2.00.06.2.03002	Stratum myelini centrale	Central myelin sheath
H2.00.06.2.02003	Schwannocytus; Neurolemmocytus <sup>65</sup>	Schwann cell; Neurolemmocyte
H2.00.06.2.03003	Schwannocytus non myelinatus; Neurolemmocytus non myelinatus	Nonmyelinating Schwann cell; Nonmyelinating neurolemmocyte
H2.00.06.2.03004	Mesaxon	Mesaxon
H2.00.06.2.03005	Schwannocytus myelinatus; Neurolemmocytus myelinatus	Myelinating Schwann cell; Myelinating neurolemmocyte
H2.00.06.2.03006	Spatium periaxonale	Periaxonal space
H2.00.06.2.03007	Mesaxon internum	Inner mesaxon
H2.00.06.2.03008	Stratum myelini	Myelin sheath
H2.00.06.2.03009	Lamella myelini	Myelin lamella
H2.00.06.2.03010	Linea densa major	Major dense line
H2.00.06.2.03011	Fissura lineae densae majoris	Fissure of major dense line
H2.00.06.2.03012	Linea densa minor; Linea intraperiodica	Minor dense line; Intraperiod line; Intermediate line
H2.00.06.2.03013	Fissura lineae intraperiodicae	Fissure of intraperiod line; Intraperiod gap
H2.00.06.2.03014	Mesaxon externum	Outer mesaxon
H2.00.06.2.03015	Incisura myelini	Myelin cleft; Myelin incisure
H2.00.06.2.03016	Nodus interruptionis myelini	Myelin sheath gap
H2.00.06.2.03017	Interdigitatio nodalis <sup>66</sup>	Nodal interdigitation

<sup>65</sup> H2.00.06.2.02003 *Schwannocytus*: The term *Schwann cell* is now almost universally used in preference to *neurolemmocyte*. Accordingly, the Latin term *schwannocytus* is preferred to *neurolemmocytus*.

<sup>66</sup> H2.00.06.2.03017 *Interdigitatio nodalis*: The interdigitated cell processes of the myelin-sheath containing cells.

NOMINA LATINA		ENGLISH EQUIVALENTS
H2.00.06.2.03018	Fissura nodalis <sup>67</sup>	Nodal gap
H2.00.06.2.03019	Substantia fissurae nodalis <sup>67</sup>	Nodal gap substance
H2.00.06.2.03020	Intumescencia nodalis axoni	Nodal axonal enlargement
H2.00.06.2.03021	Densitas axolemmalis nodi	Axolemmal density
H2.00.06.2.03022	Regio paranodalis	Paranodal region
H2.00.06.2.03023	Manica lamellaris terminalis	Terminal lamellar sleeve
H2.00.06.2.03024	Divisio lineae densae majoris <sup>68</sup>	Split of major dense line
H2.00.06.2.03025	Divisio lineae intraperiodicae	Split of intraperiod line; Split of intermediate line
H2.00.06.2.03026	Infundibulum paranodale <sup>69</sup>	Paranodal pocket
H2.00.06.2.03027	Constrictio paranodalis axoni <sup>70</sup>	Paranodal constriction of axon
H2.00.06.2.03028	Segmentum internodale	Internodal segment

<sup>67</sup> H2.00.06.2.03018/H2.00.06.2.03019 *Fissura nodalis*, *Substantia fissurae nodalis*: The gap between the nodal microvilli of the myelin sheath associated cells, which contains amorphous material.

<sup>68</sup> H2.00.06.2.03024 *Divisio lineae densae majoris*: The area of the myelin sheath where the major dense line splits, widens, and incorporates cytoplasm, thus forming the paranodal pockets.

<sup>69</sup> H2.00.06.2.03026 *Infundibulum paranodale*: The paranodal, funnel-like terminal parts of the myelin sheath, consisting of cytoplasm surrounded by rearranged membranes derived from the splitting of a major dense line lamella and an intraperiod line lamella.

<sup>70</sup> H2.00.06.2.03027 *Constrictio paranodalis axoni*: When the axon enters the paranodal region, it is compressed by the paranodal pockets, widening again in the nodal area to give rise to the nodal axonal bulb.