

Federative International Programme for Anatomical Terminology

Cytologia - Cytology



[Return to Table of content](#)



Page 001	Page 002	Page 003	Page 004	Page 005	Page 006	Page 007	Page 008	Page 009	Page 010
Page 011	Page 012	Page 013	Page 014						

Cytologia		Cytology	
NOMINA LATINA		ENGLISH EQUIVALENTS	
H1.00.01.0.00001	Cellula	Cell	
H1.00.01.0.00002	Protoplasma	Protoplasm	
H1.00.01.0.00003	Nucleus	Nucleus	
H1.00.01.0.00004	Cytoplasma	Cytoplasm	
H1.00.01.0.00005	Ectoplasma	Ectoplasm; Cortical cytoplasm	
H1.00.01.0.00006	Endoplasma	Endoplasm	
H1.00.01.0.00007	Hyaloplasma ¹	Hyaloplasm	
H1.00.01.0.00008	Cytosol ¹ ; Matrix cytoplasmica	Cytosol	
H1.00.01.0.00009	Organella; Organula	Organelles	
H1.00.01.0.00010	Inclusiones cytoplasmicae	Cytoplasmic inclusions	
H1.00.01.0.00011	Plasmalemma; Membrana cellularis	Plasmalemma; Cell membrane; Plasma membrane	
H1.00.01.0.00012	Junctiones cellulares	Cellular junctions	
H1.00.01.0.00013	Spatium intercellulare	Intercellular space	
H1.00.01.0.00014	Substantia intercellularis	Intercellular substance	
H1.00.01.0.00015	Ratio nucleocytoplasmica	Nucleocytoplasmic ratio	
H1.00.01.0.00016	Cellula uninucleata	Uninucleate cell	
H1.00.01.0.00017	Cellula mononucleata	Mononucleate cell	
H1.00.01.0.00018	Cellula binucleata	Binucleate cell	
H1.00.01.0.00019	Cellula multinucleata	Multinucleate cell	
H1.00.01.0.00020	Syncytium	Syncytium	
H1.00.01.0.00021	Plasmodium	Plasmodium	
H1.00.01.0.00022	Cellula anucleata	Anucleate cell	
H1.00.01.0.00023	Cellula somatica	Somatic cell	
H1.00.01.0.00024	Cellula germinativa	Germ cell	
H1.00.01.0.00025	Cellula primordialis ²	Primordial cell	
H1.00.01.0.00026	Cellula fundatoria ³	Founder cell	
H1.00.01.0.00027	Cellula proprecursoria ⁴	Prestem cell [PSC]	
H1.00.01.0.00028	Cellula precursoria ⁵	Stem cell	
H1.00.01.0.00029	Cellula progenetrix ⁶	Progenitor cell	
H1.00.01.0.00030	Cellula precursoria embryonica; Stipitoblastus	Embryonic stem cell [ESC]	

¹ H1.00.01.0.00007/H1.00.01.0.00008 *Hyaloplasma; Cytosol*: The widely used term *hyaloplasm* was not included in *Nomina Histologica*. It was originally a biochemical term used in connection with cell ultracentrifugation to describe the supernatant devoid of cell organelles and particles. The term *cytosol* in morphology denotes the electron microscopically amorphous ground substance, or matrix, of the cell. *Cytosol* and *hyaloplasm* are not synonyms. *Hyaloplasm* is a light microscopic term meaning the light microscopically visible cytoplasm without particles resolving using light microscopy.

² H1.00.01.0.00025 *Cellula primordialis*: The zygote and its immediate progeny are primordial cells.

³ H1.00.01.0.00026 *Cellula fundatoria*: Founder cells are capable of contributing to the establishment of one or more cell populations.

⁴ H1.00.01.0.00027 *Cellula proprecursoria*: A prestem cell is capable of contributing to the establishment of one or more stem cell populations.

⁵ H1.00.01.0.00028 *Cellula precursoria*: A stem cell is a constituent of a population that is capable of maintaining its own size while exporting an appropriate output of progeny to one or more cell lineages. Stem cell populations are listed under General Histology.

⁶ H1.00.01.0.00029 *Cellula progenetrix*: Progenitor cells are the progeny of stem cells that are committed to form the recognizable precursors of one or more cell lineages after losing the ability to maintain their own numbers. Progenitor cells are listed later with the lineages to which they contribute.

2 Cytologia/Cytology

NOMINA LATINA		ENGLISH EQUIVALENTS
H1.00.01.0.00031	Cellula precursoria embryonica spontanea; Stipitoblastus verus	ESC generated spontaneously in vivo [ESC GS]
H1.00.01.0.00032	Cellula precursoria embryonica artificialis; Stipitoblastus artificialis ⁷	ESC induced artificially in vitro [ESC IA]
H1.00.01.0.00033	Cellula precursoria fetalis	Fetal stem cell
H1.00.01.0.00034	Cellula precursoria neonatalis	Neonatal stem cell
H1.00.01.0.00035	Cellula precursoria adulta	Adult stem cell
<i>Morphologia externa</i>		<i>External morphology</i>
H1.00.01.0.00036	Cellula columnaris	Columnar cell
H1.00.01.0.00037	Cellula cuboidea	Cuboidal cell
H1.00.01.0.00038	Cellula dendritiformis	Dendritic cell; Branched cell
H1.00.01.0.00039	Cellula fusiformis	Fusiform cell
H1.00.01.0.00040	Cellula gigantea	Giant cell
H1.00.01.0.00041	Cellula ovoidea	Ovoid cell; Oval cell
H1.00.01.0.00042	Cellula polyhedralis	Polyhedral cell
H1.00.01.0.00043	Cellula prismatica	Prismatic cell
H1.00.01.0.00044	Cellula pyramidalis	Pyramidal cell
H1.00.01.0.00045	Cellula spheroidea	Spheroidal cell; Spherical cell
H1.00.01.0.00046	Cellula squamosa; Cellula plana	Squamous cell; Pavement cell
H1.00.01.0.00047	Cellula stellata	Stellate cell
H1.00.01.1.00001 PLASMALEMMA; MEMBRANA CELLULARIS		PLASMALEMMA; CELL MEMBRANE
H1.00.01.1.00002	Glycocalyx	Glycocalyx
H1.00.01.1.00003	Facies externa	Outer surface; Superficial surface
H1.00.01.1.00004	Lamina densa externa	External dense lamina
H1.00.01.1.00005	Facies E; Facies fracta externa	E face; External fractured face; Exoplasmic face
H1.00.01.1.00006	Impressio granuli intramembranacei	Impression of intramembrane particle
H1.00.01.1.00007	Lamina intermedia lucida	Middle lucent lamina
H1.00.01.1.00008	Granulum intramembranaceum	Intramembrane particle
H1.00.01.1.00009	Lamina densa interna	Internal dense lamina
H1.00.01.1.00010	Facies P; Facies fracta cytoplasmica; Facies fracta protoplasmica	Protoplasmic fractured face; P face
H1.00.01.1.00011	Protrusio granuli intramembranacei	Protrusion of intramembrane particle
H1.00.01.1.00012	Facies interna	Inner surface; Cytosolic face
H1.00.01.1.01001 Specialisationes superficiales		Surface specializations
H1.00.01.1.01002	Invaginatio cellularis	Cell invagination
H1.00.01.1.01003	Processus cellularis	Cell process
H1.00.01.1.01004	Processus amoeboides	Amoeboid process [▲]
H1.00.01.1.01005	Pseudopodium	Pseudopod
H1.00.01.1.01006	Microspina	Microspike
H1.00.01.1.01007	Filopodium	Filiform process; Filopodium
H1.00.01.1.01008	Lamellipodium	Lamellipodium, Lamellar process

⁷ H1.00.01.0.00032 *Cellula precursoria embryonica artificialis; Stipitoblastus artificialis*: Embryonic stem cells induced artificially in vitro are often referred to as "embryonic stem cells" without their being distinguished from embryonic stem cells generated spontaneously in vivo. This misuse is to be discouraged because it is a source of great confusion.

NOMINA LATINA		ENGLISH EQUIVALENTS
H1.00.01.1.01009	Processus polypoides	Polypoid process
H1.00.01.1.01010	Microplaca	Microridge
H1.00.01.1.01011	Microvillus	Microvillus
H1.00.01.1.01012	Limbus microvillosus; Limbus penicillatus; Limbus striatus ⁸	Microvillous border; Brush border; Striated border
H1.00.01.1.01013	Stereocilium	Stereocilium
H1.00.01.1.01014	Cilium	Cilium
H1.00.01.1.01015	Kinocilium	Motile cilium
H1.00.01.1.01016	Statocilium	Immotile cilium
H1.00.01.1.01017	Axonema	Axoneme
H1.00.01.1.01018	Microtubulus axonemalis	Axonemal microtubule
H1.00.01.1.01019	(Microtubulus centralis)	(Central microtubule)
H1.00.01.1.01020	Diplomicrotubulus periphericus	Peripheral microtubular doublet
H1.00.01.1.01021	Pons nexini	Nexin bridge
H1.00.01.1.01022	Nexinum	Nexin
H1.00.01.1.01023	Tectinum	Tectin
H1.00.01.1.01024	Brachium dyneini	Dynein arm
H1.00.01.1.01025	Dyneinum	Dynein
H1.00.01.1.01026	Vinculum radiale	Radial link ; Radial spoke
H1.00.01.1.01027	Corpusculum basale; Kinetosoma	Basal body; Kinetosome
H1.00.01.1.01028	Triplomicrotubulus	Microtubular triplet
H1.00.01.1.01029	Pes basalis	Basal foot
H1.00.01.1.01030	Radix basalis	Rootlet; Basal root
H1.00.01.1.01031	Cilium solitarium ⁹	Solitary cilium
H1.00.01.1.01032	Flagellum	Flagellum
H1.00.01.1.01033	Cillogenesis	Cillogenesis
H1.00.01.0.00012	Junctiones cellulares	Cellular junctions
H1.00.01.1.02001	Junctiones intercellulares	Intercellular junctions
H1.00.01.1.02002	Junctio adhaerentis	Adhering junction
H1.00.01.1.02003	Junctio intercellularis simplex	Simple intercellular junction
H1.00.01.1.02004	Junctio intercellularis denticulata	Denticulate intercellular junction
H1.00.01.1.02005	Junctio intercellularis digitiformis	Digitiform intercellular junction
H1.00.01.1.02006	Junctio intercellularis specialis	Complex intercellular junction
H1.00.01.1.02007	Junctio occludens; Zonula occludens	Tight junction; Occluding junction
H1.00.01.1.02008	Rete cristarum occludentium	Fusion ridge network
H1.00.01.1.02009	Macula occludens	Macula occludens
H1.00.01.1.02010	Fascia occludens	Fascia occludens
H1.00.01.1.02011	Punctum adhaerens	Punctum adherens
H1.00.01.1.02012	Zonula adhaerens	Adhesive belt; Belt desmosome
H1.00.01.1.02013	Condensatio intracellularis	Intracellular plaque; Cytoplasmic plaque
H1.00.01.1.02014	Fascia adhaerens	Fascia adherens; Adhesive strip
H1.00.01.1.02015	Desmosoma; Macula adhaerens	Desmosome; Macula adherens; Spot desmosome

⁸ H1.00.01.1.01012 *Limbus microvillosus*: To be as informative as possible, *microvillous border* has been given preference over *brush border* and *striated border* because the border is made up of microvilli.

⁹ H1.00.01.1.01031 *Cilium solitarium*: Cilia termed *solitary cilia* usually lack the two central microtubules and have basal bodies that differ from those of 9 + 2 cilia. (For details, see Hagiwara H, Harada S, Maeda S, Aoki T, Ohwada N, Takata K. Ultrastructural and immunohistochemical study of the basal apparatus of solitary cilia in the human oviduct epithelium. *J Anat* 2002;200:89–96).

4 Cytologia/Cytology

NOMINA LATINA		ENGLISH EQUIVALENTS
H1.00.01.1.02016	Condensatio desmosomatica intracellularis	Cytoplasmic condensation; Desmosomal plaque
H1.00.01.1.02017	Zona externa	Outer zone
H1.00.01.1.02018	Zona interna	Inner zone
H1.00.01.1.02019	Condensatio desmosomatica intercellularis	Intercellular condensation
H1.00.01.1.02020	Linea intercellularis densa	Dense intercellular line
H1.00.01.1.02021	Desmogleina	Desmogleins
H1.00.01.1.02022	Desmocollina	Desmocollins
H1.00.01.1.02023	Junctio communicans	Communicating junction
H1.00.01.1.02024	Nexus; Macula communicans; Synapsis non vesicularis; Synapsis electrica	Gap junction; Nonvesicular synapse; Electrical synapse
H1.00.01.1.02025	Connexona	Connexons
H1.00.01.1.02026	Connexina	Connexins
H1.00.01.1.02027	Complexus junctionalis	Junctional complex
H1.00.01.1.02028	Junctio cellulomatrixialis	Cell matrix junction
H1.00.01.1.02029	Hemidesmosoma	Hemidesmosome
H1.00.01.1.02030	Condensatio intracellularis	Intracellular plaque; Cytoplasmic plaque
H1.00.01.1.02031	Contactus focalis	Focal contact
H1.00.01.1.02032	Condensatio focalis	Focal contact plaque
H1.00.01.1.02033	Fibra tensionis	Stress fibre ^A
H1.00.01.1.02034	Podosoma	Podosome
H1.00.01.1.02035	Condensatio podosomatica	Podosome plaque
H1.00.01.1.02036	Autodesmosoma ¹⁰	Autodesmosome

H1.00.01.2.00001	NUCLEUS	NUCLEUS
<i>Nomina generalia</i>		<i>General terms</i>
H1.00.01.2.00002	Nucleus anularis	Anular nucleus
H1.00.01.2.00003	Nucleus apoptoticus	Apoptotic nucleus
H1.00.01.2.00004	Nucleus bacilliformis	Bacilliform nucleus; Elongated nucleus
H1.00.01.2.00005	Nucleus fusiformis	Fusiform nucleus
H1.00.01.2.00006	Nucleus indentatus	Indented nucleus
H1.00.01.2.00007	Nucleus karyolyticus	Karyolytic nucleus
H1.00.01.2.00008	Nucleus karyorhecticus	Karyorhectic nucleus
H1.00.01.2.00009	Nucleus moruliformis	Mulberry shaped nucleus
H1.00.01.2.00010	Nucleus multilobatus	Multilobed nucleus
H1.00.01.2.00011	Nucleus ovoideus	Ovoid nucleus
H1.00.01.2.00012	Nucleus piriformis	Piriform nucleus
H1.00.01.2.00013	Nucleus planus	Fiat nucleus
H1.00.01.2.00014	Nucleus polymorphus	Polymorphous nucleus
H1.00.01.2.00015	Nucleus pyknoticus	Pyknotic nucleus
H1.00.01.2.00016	Nucleus reniformis	Reniform nucleus
H1.00.01.2.00017	Nucleus segmentatus	Segmented nucleus
H1.00.01.2.00018	Nucleus sphericus	Spherical nucleus
H1.00.01.2.00019	Nucleus vesicularis	Vesicular nucleus

¹⁰ H1.00.01.1.02036 *Autodesmosoma*: The autodesmosome is not an intercellular junction but rather a junction between two regions of the cell membrane of the same cell (Petry G. Autodesmosomen, desmosomale Kontakte von Teilen derselben Zelle im menschlichen Chorion Laeve und Amnion. Eur J Cell Biol 1980;23:129–136).

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.01.2.01001	<i>Tegumentum nucleare</i> ¹¹	Nuclear envelope
H1.00.01.2.01002	<i>Membrana nuclearis externa</i>	Outer nuclear membrane
H1.00.01.2.01003	<i>Spatium perinucleare</i>	Perinuclear space
H1.00.01.2.01004	<i>Membrana nuclearis interna</i>	Inner nuclear membrane
H1.00.01.2.01005	<i>Porus nuclearis</i>	Nuclear pore
H1.00.01.2.01006	<i>Complexus pori nuclearis</i> ¹²	Nuclear pore complex
H1.00.01.2.01007	<i>Filamentum cytoplasmicum</i>	Cytoplasmic filament
H1.00.01.2.01008	<i>Anulus pori externus</i>	Cytoplasmic ring; External ring
H1.00.01.2.01009	<i>Elementum sphericum</i>	Spherical subunit
H1.00.01.2.01010	<i>Canalis periphericus</i>	Peripheral channel
H1.00.01.2.01011	<i>Canalis centralis</i>	Central channel
H1.00.01.2.01012	<i>Vector centralis; Obturamentum centrale</i>	Transporter; Central plug
H1.00.01.2.01013	<i>Elementum columnare</i>	Columnar subunit
H1.00.01.2.01014	<i>Elementum luminarium</i>	Luminal subunit
H1.00.01.2.01015	<i>Anulus pori internus</i>	Nuclear ring; Internal ring
H1.00.01.2.01016	<i>Elementum anulare</i>	Anular subunit; Ring subunit
H1.00.01.2.01017	<i>Crus radiale</i>	Radial arm
H1.00.01.2.01018	<i>Canistrum pori</i>	Basket
H1.00.01.2.01019	<i>Filamentum canistri</i>	Basket filament
H1.00.01.2.01020	<i>Anulus pori intimus</i>	Distal ring; Terminal ring
H1.00.01.2.02001	Nucleoplasma	Nucleoplasm; Karyoplasm
H1.00.01.2.02002	<i>Lamina fibrosa nuclearis</i>	Fibrous lamina; Nuclear lamina
H1.00.01.2.02003	<i>Filamentum lamini</i>	Lamin filament
H1.00.01.2.02004	<i>Chromatium</i>	Chromatin
H1.00.01.2.02005	<i>Heterochromatinum</i>	Heterochromatin
H1.00.01.2.02006	<i>Euchromatinum</i>	Euchromatin
H1.00.01.2.02007	<i>Fibra chromatini</i>	Chromatin fibre ⁴
H1.00.01.2.02008	<i>Fibra nucleosomatis</i>	Nucleosome fibre ⁴
H1.00.01.2.02009	<i>Chromatosoma</i> ¹³	Chromatosome
H1.00.01.2.02010	<i>Nucleosoma</i> ¹⁴	Nucleosome
H1.00.01.2.02011	<i>Granum nucleosomatis</i>	Nucleosome core particle
H1.00.01.2.02012	<i>Ligamen acidi desoxyribonuclearis</i>	DNA linker
H1.00.01.2.02013	<i>Granulum interchromatium</i>	Interchromatin granule
H1.00.01.2.02014	<i>Macula interchromatina</i> ¹⁵	Nuclear speckle; Interchromatin granule cluster

¹¹ H1.00.01.2.01001 *Tegumentum nucleare*: The inclusion of the term *nucleolemma* in Nomina Histologica was unfortunate. The suffix *-lemma* generally designates a single membrane or sheath, such as *plasmalemma* or *sarcolemma*, and not a complex structure such as the *nuclear envelope*.

¹² H1.00.01.2.01006 *Complexus pori nuclearis*: In the 3rd edition of Nomina Histologica, the *complexus pori nuclearis* was subdivided into *porus nuclearis*, *anulus pori*, and *diaphragma pori*. The last term was never clearly defined and is no longer in use.

¹³ H1.00.01.2.02009 *Chromatosoma*: The unit of one nucleosome with its bound H1 is referred to as a *chromatosome*. (Muyldermans S, Travers AA. DNA sequence organization in chromatosomes. *J Mol Biol.* 1994;235:855–870).

¹⁴ H1.00.01.2.02010 *Nucleosoma*: *Nucleosome* for some authors designates the bead of nucleosomal fibre and the adjacent thread of DNA molecules. For others, the term *nucleosome* designates only the bead, and the term *chromatosome* designates the bead and the DNA linker associated with histone H1.

¹⁵ H1.00.01.2.02014 *Macula interchromatina*: The speckles are not true granules but patches obtained by immunological identification of proteins of the snRNP complex.

6 Cytologia/Cytology

NOMINA LATINA		ENGLISH EQUIVALENTS
H1.00.01.2.02015	Corpusculum convolutum ¹⁶	Coiled body
H1.00.01.2.02016	Fibrilla perichromatina	Perichromatin fibril
H1.00.01.2.02017	Corpusculum PML ¹⁷	PML nuclear body
H1.00.01.2.02018	Chromatinum sexuale	Sex chromatin
H1.00.01.2.02019	Corpusculum nucleare	Nuclear body
Nucleolus		
H1.00.01.2.03001	Nucleolus	Nucleolus
H1.00.01.2.03002	Nucleolonema	Nucleolonema
H1.00.01.2.03003	Pars amorpha	Amorphous part; Interstice
H1.00.01.2.03004	Pars chromatoloea	Nucleolus associated chromatin; Nucleolar chromatin
H1.00.01.2.03005	Regio argyrophilica nucleoli	Argyrophillic nucleolar region [AgNOR]
H1.00.01.2.03006	Nucleolum operans region	Nucleolar organizing region [NOR]
H1.00.01.2.03007	Pars fibrosa	Fibrous region
H1.00.01.2.03008	Centrum fibrillare	Fibrillar centre ^A
H1.00.01.2.03009	Pars fibrillaris densa	Dense fibrillar component
H1.00.01.2.03010	Pars granulosa	Granular component
CYTOPLASMA		
H1.00.01.0.00004	CYTOPLASMA	CYTOPLASM
H1.00.01.0.00005	Ectoplasma	Ectoplasm; Cortical cytoplasm
H1.00.01.0.00006	Endoplasma	Endoplasm
H1.00.01.0.00007	Hyaloplasma ¹	Hyaloplasm
H1.00.01.0.00008	Cytosol ¹ ; Matrix cytoplasmatica	Cytosol
Organelles and cytoplasmic inclusions		
H1.00.01.3.01001	Organelle et inclusiones cytoplasmicae	Organelles and cytoplasmic inclusions
H1.00.01.3.01002	Cytopentrum; Centrosoma	Cytopentre; Centrosome
H1.00.01.3.01003	Centriolum	Centriole
H1.00.01.1.01028	Triplomicrotubulus	Microtubular triplet
H1.00.01.3.01004	Matrix centrosomatica; Matrix pericentriolaris	Centrosomal matrix; Pericentriolar matrix
H1.00.01.3.01005	Diplosoma	Diplosome
H1.00.01.3.01006	Procentriolum	Procentriole
H1.00.01.3.01007	Satelles centrioli	Centriolar satellite
Mitochondrion		
H1.00.01.3.01008	Mitochondrion	Mitochondrion
H1.00.01.3.01009	Tegumentum mitochondriale	Mitochondrial envelope
H1.00.01.3.01010	Membrana mitochondrialis externa	External mitochondrial membrane
H1.00.01.3.01011	Spatium Intermembranosum	Intermembranous space; Outer chamber
H1.00.01.3.01012	Contactus intermembranosus	Intermembrane contact site
H1.00.01.3.01013	Membrana mitochondrialis interna	Internal mitochondrial membrane
H1.00.01.3.01014	Crista mitochondrialis	Mitochondrial crista

¹⁶ H1.00.01.2.02015 *Corpusculum convolutum*: This structure originally described in 1903 by Ramon y Cajal (Ramon y Cajal S. Un sencillo método de coloración selectiva del retículo protoplásmico y sus efectos en los diversos órganos nerviosos. *Trab Lab Invest Biol Univ Madrid* 1903; 2: 129–221) as the nucleolar accessory body was rediscovered several times and given a variety of names in different cell types (Gall JG. Cajal bodies: the first 100 years. *Annu Rev Cell Dev Biol* 2000; 16: 273–300). The most widely used noneponymous term for the structure in question, *coiled body*, received its name because of its coiled appearance under electron microscopy.

¹⁷ H1.00.01.2.02017 *Corpusculum PML*: Promyelocytic leukaemia nuclear bodies are generally present in all mammalian cells and are necessary, at least, for the normal differentiation of promyelocytes (Dellaire G, Bazett-Jones DP. PML nuclear bodies: dynamic sensors of DNA damage and cellular stress. *Bioessays* 2004; 26: 963–977).

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.01.3.01015	<i>Junctio cristae</i> ¹⁸	Crista junction
H1.00.01.3.01016	<i>Tubulus mitochondrialis</i>	Mitochondrial tubule
H1.00.01.3.01017	<i>Particula fungiformis</i> ; <i>Particula elementaris</i> ¹⁹	Elementary particle
H1.00.01.3.01018	<i>Caput</i>	Sphere; Headpiece
H1.00.01.3.01019	<i>Stipes</i>	Stalk
H1.00.01.3.01020	<i>Basis</i>	Basepiece
H1.00.01.3.01021	<i>Matrix mitochondrialis</i>	Mitochondrial matrix
H1.00.01.3.01022	<i>Filamentum anulare acidi desoxyribonucleatis mitochondriale</i>	Mitochondrial DNA filament; Mitochondrial chromosome
H1.00.01.3.01023	<i>Ribosoma mitochondriale</i> ; <i>Mitoribosoma</i>	Mitochondrial ribosome; Mitoribosome
H1.00.01.3.01024	<i>Filamentum acidi ribonucleatis nuntii</i>	Messenger RNA filament; mRNA filament
H1.00.01.3.01025	<i>Granulum mitochondriale</i>	Mitochondrial granule; Dense granule
H1.00.01.3.01026	<i>Inclusio mitochondrialis</i>	Mitochondrial inclusion
H1.00.01.3.01027	Reticulum endoplasmicum	Endoplasmic reticulum
H1.00.01.3.01028	<i>Membrana</i>	Membrane
H1.00.01.3.01029	<i>Facies externa</i>	Outer surface; Cytosolic surface
H1.00.01.3.01030	<i>Facies interna</i>	Inner surface; Luminal surface
H1.00.01.3.01031	<i>Lamella</i>	Lamella
H1.00.01.3.01032	<i>Cisterna</i>	Cistern
H1.00.01.3.01033	<i>Sacculus</i>	Saccule
H1.00.01.3.01034	<i>Tubulus</i>	Tubule
H1.00.01.3.01035	<i>Lumen</i>	Lumen
H1.00.01.3.01036	<i>Reticulum endoplasmicum granulosum</i>	Rough endoplasmic reticulum
H1.00.01.3.01037	<i>Vesicula a vestiente proteino II tecta</i>	Coat protein II coated vesicle; COP II coated vesicle
H1.00.01.3.01038	<i>Reticulum endoplasmicum non granulosum</i>	Smooth endoplasmic reticulum
H1.00.01.3.01039	<i>Reticulum sarcoplasmicum</i>	Sarcoplasmic reticulum
H1.00.01.3.01040	<i>Lamella anularis</i> ²⁰	Anulate lamella [AL]
H1.00.01.3.01041	<i>Porus</i>	Pore
H1.00.01.3.01042	Ribosoma	Ribosome
H1.00.01.3.01043	<i>Pars magna</i>	Large subunit
H1.00.01.3.01044	<i>Pars parva</i>	Small subunit
H1.00.01.3.01045	<i>Polyribosoma</i>	Polyribosome; Polysome
H1.00.01.3.01024	<i>Filamentum acidi ribonucleatis nuntii</i>	Messenger RNA filament; mRNA filament
H1.00.01.3.01046	Complexus golgiensis ; Apparatus golgiensis	Golgi complex ; Golgi apparatus
H1.00.01.3.01047	<i>Dictyosoma</i>	Dictyosome; Golgi stack

¹⁸ H1.00.01.3.01015 *Junctio cristae*: Crista junctions are tubular structures of relatively uniform size connecting the membrane of the cristae to the mitochondrial inner boundary membrane. (Perkins GA, Song JY, Tarsa L, Deerinck TJ, Ellisman M H, Frey TG. Electron tomography of mitochondria from brown adipocytes reveals crista junctions. *J Bioenergetics Biomembranes* 1996; 30: 431–442.)

¹⁹ H1.00.01.3.01017 *Particula fungiformis*; *Particula elementaris*: These lollipop-like structures correspond to the ATP-synthetase complexes. The term *Particula fungiformis* is preferred because of its descriptive value.

²⁰ H1.00.01.3.01040 *Lamella anularis*: Anulate lamella (AL) are stacks of endoplasmic reticulum-derived membranes of unclear function containing pores in high density. AL pore complexes are very similar to nuclear pores (Imreh G, Halberg E. An integral membrane protein from the nuclear pore complex is also present in the anulate lamellae: implications for anulate lamella formation. *Exp Cell Res* 2000; 259: 180–190).

8 Cytologia/Cytology

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.01.3.01048	Reticulum tubulosacculare proximale	Cis Golgi network
H1.00.01.3.01049	Cis facies; Facies proximalls	Cis face; Entry face
H1.00.01.3.01050	Cis sacculus	Cis saccule
H1.00.01.3.01051	Sacculus intermedius	Intermediate saccule
H1.00.01.3.01052	Trans sacculus	Trans saccule
H1.00.01.3.01053	Trans facies; Facies distalls	Trans face; Exit face
H1.00.01.3.01054	Reticulum tubulosacculare distale	Trans Golgi network
H1.00.01.3.01055	Tubulus golgiensis	Golgi tubule
H1.00.01.3.01056	Vesicula golgiensis	Golgi vesicle
H1.00.01.3.01057	Vesicula a clathrino tecta	Clathrin coated vesicle
H1.00.01.3.01058	Vesicula a vestiente protelino I tecta	Coat protein I coated vesicle; COP I coated vesicle
H1.00.01.3.01059	Lysosoma	Lysosome
H1.00.01.3.01060	Vesicula golgiensis transferrens enzymata lysosomatica ²¹	Golgi vesicle transporting lysosomal enzymes
H1.00.01.3.01061	Endosoma tardum	Late endosome
H1.00.01.3.01062	Gemma lysosomalls	Lysosomal bud
H1.00.01.3.01063	Vesicula transferrens enzymata lysosomatica	Vesicle transporting lysosomal enzymes
H1.00.01.3.01059	Lysosoma	Lysosome
H1.00.01.3.01064	Membrana lysosomatica	Lysosomal membrane
H1.00.01.3.01065	Matrix lysosomatica	Lysosomal matrix
H1.00.01.3.01066	Autolysosoma	Autolysosome
H1.00.01.3.01067	Autophagolysosoma ²²	Autophagolysosome
H1.00.01.3.01068	Crinophagolysosoma	Crinophagolysosome
H1.00.01.3.01069	Heterolysosoma	Heterolysosome
H1.00.01.3.01070	Heterophagolysosoma ²²	Heterophagolysosome
H1.00.01.3.01071	Telolysosoma; Corpusculum residuale ²³	Telolysosome; Residual body
H1.00.01.3.01072	Vesicula lipofuscini; Granulum lipofuscini	Lipofuscin body; Lipofuscin granule
H1.00.01.3.01073	Siderosoma	Siderosome
H1.00.01.3.01074	Peroxisoma	Peroxisome; Microbody
H1.00.01.3.01075	Membrana peroxysomatica	Peroxisomal membrane
H1.00.01.3.01076	Matrix peroxysomatica ²⁴	Peroxisomal matrix
H1.00.01.3.01077	Exocytosis	Exocytosis
H1.00.01.3.01078	Exocytosis constituens	Constitutive exocytosis
H1.00.01.3.01079	Exocytosis ordinata	Regulated exocytosis

²¹ H1.00.01.3.01060 *Vesicula golgiensis transferrens enzymata lysosomatica*: The Golgi vesicle transporting lysosomal enzymes was previously termed *Primary* or *Virgin lysosome*.

²² H1.00.01.3.01067 / H1.00.01.3.01070 *Autophagolysosoma / Heterophagolysosoma*: Previously termed *Secondary lysosome*.

²³ H1.00.01.3.01071 *Telolysosoma; Corpusculum residuale*: Previously termed *Tertiary lysosome*.

²⁴ H1.00.01.3.01076 *Matrix peroxysomatica*: The Inklusio crystalloidea composed of uricase (uric acid oxidase), included in Nomina Histologica, exists only in nonprimate peroxisome.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.01.3.01080	Vesicula secretoria; Granulum secretorium; Vacuola secretoria ²⁵	Secretory vesicle; Secretory granule; Secretory vacuole
H1.00.01.3.01081	Vesicula exocrina	Exocrine vesicle
H1.00.01.3.01082	Vesicula mucosa; Guttula mucosa ²⁶	Mucous droplet; Mucous granule
H1.00.01.3.01083	Vesicula serosa	Serous granule
H1.00.01.3.01084	Vesicula heterogena	Mixed heterogenous granule
H1.00.01.3.01085	Vesicula seromucosa	Seromucous granule
H1.00.01.3.01086	Vesicula endocrina	Endocrine vesicle; Hormone-containing vesicle
H1.00.01.3.01087	Endocytosis	Endocytosis
H1.00.01.3.01088	Pinocytosis	Pinocytosis
H1.00.01.3.01089	Endocytosis a receptore effecta	Receptor mediated endocytosis
H1.00.01.3.01090	Potocytosis	Potocytosis
H1.00.01.3.01091	Macropinocytosis	Macropinocytosis
H1.00.01.3.01092	Phagocytosis	Phagocytosis
H1.00.01.3.01093	Transcytosis	Transcytosis
H1.00.01.3.01094	Macropinosoma	Macropinosome
H1.00.01.3.01095	Vesicula pinocytotica; Pinosoma	Pinocytotic vesicle; Pinosome
H1.00.01.3.01096	Foveola vestita	Coated pit
H1.00.01.3.01097	Vesicula a clathrino tecta	Clathrin-coated vesicle
H1.00.01.3.01098	Triskellion clathrini	Clathrin triskelion
H1.00.01.3.01099	Caveola	Caveola
H1.00.01.3.01100	Caveosoma	Caveosome; Caveolin-coated vesicle
H1.00.01.3.01101	Vesicula superficialis	Superficial vesicle
H1.00.01.3.01102	Endosoma	Endosome
H1.00.01.3.01103	Endosoma novum	Early endosome; Primary endosome; Compartment of uncoupling receptor ligand [CURL]
H1.00.01.3.01061	Endosoma tardum	Late endosome
H1.00.01.3.01104	Endolysosoma	Endolysosome
H1.00.01.3.01105	Corpusculum multivesiculare	Multivesicular body; Multivesicular endosome
H1.00.01.3.01106	Vesicula interna	Internal vesicle
H1.00.01.3.01107	Exosoma	Exosome
H1.00.01.3.01108	Phagosoma	Phagosome
H1.00.01.3.01109	Heterophagosoma	Heterophagosome
H1.00.01.3.01070	Heterophagolysosoma	Heterophagolysosome
H1.00.01.3.01110	Autophagosoma	Autophagosome
H1.00.01.3.01067	Autophagolysosoma	Autophagolysosome

²⁵ H1.00.01.3.01080 *Vesicula secretoria; Granulum secretorium; Vacuola secretoria*: Terminological problems exist regarding the terms *cytoplasmic vesicle*, *granule*, and *vacuole*. They are often used synonymously, e.g., *secretory vesicle* and *secretory granule*. A main feature of a vesicle in general and also of a secretory granule is the bounding membrane. *Granule* is originally a light microscopic term. Electron microscopy has revealed that some granules are membrane bound (e.g., lipofuscin granules, granules of granulocytes) and others not (e.g., glycogen granules). No attempt has been made in the present terminology to harmonize the usage of the terms *vesicle* and *granule*.

²⁶ H1.00.01.3.01082 *Vesicula mucosa; Guttula mucosa*: The term *guttula* or *drop/let* is frequently used (Fawcett DW. *Textbook of Histology*. 12th edition. Philadelphia: Saunders; 1994. Williams PL, Bannister LH, Berry MM, Collins P, Dyson M, Dussek JE, Ferguson MWJ. *Gray's Anatomy*, 38th edition. London: Churchill Livingstone; 1995) instead of *granule* to indicate mucous secretory products, in order to emphasize that they differ morphologically and histochemically from serous granules.

10 Cytologia/Cytology

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.01.3.01111	Corpusculum caepiforme; Corpusculum lamellare lysosomaticum	Lysosomal lamellar body; Onionoid body
H1.00.01.3.01112	Corpusculum residuale	Residual body
H1.00.01.3.01113	Proteasoma	Proteasome
H1.00.01.3.01114	Vesicula; Vesicula cytoplasmica	Cytoplasmic vesicle
H1.00.01.3.01115	Vesicula transportans; Vesicula transferens ²⁷	Transport vesicle; Transfer vesicle
H1.00.01.3.01116	Granulum cytoplasmicum	Cytoplasmic granule
H1.00.01.3.01117	Granulum pigmenti	Pigment granule
H1.00.01.3.01118	Granulum ferritini	Ferritin granule
H1.00.01.3.01119	Granulum haemosiderini	Haemosiderin granule [▲]
H1.00.01.3.01120	Granulum haematoidini; Granulum bilirubini	Haematoidin granule [▲] ; Bilirubin granule [▲]
H1.00.01.3.01121	Granulum glycogeni	Glycogen granule
H1.00.01.3.01122	Alpha granulum	Alpha granule
H1.00.01.3.01123	Beta granulum	Beta granule
H1.00.01.3.01124	Gamma granulum	Gamma granule
H1.00.01.3.01125	Gutta adipis	Fat inclusion; Fat globule
H1.00.01.3.01126	Guttula adipis	Fat droplet
H1.00.01.3.01127	Granulum lipochromi	Lipochrome granule
H1.00.01.3.01128	Granulum carotenolideum	Carotenoid granule
H1.00.01.3.01129	Granulum crystalloideum	Crystalloid inclusion
H1.00.01.3.02001	Cytoskeleton	Cytoskeleton
H1.00.01.3.02002	Microtubulus	Microtubule
H1.00.01.3.02003	Tubulinum	Tubulin
H1.00.01.3.02004	Tubulinum alpha	Alpha tubulin
H1.00.01.3.02005	Tubulinum beta	Beta tubulin
H1.00.01.3.02006	Tubulinum gamma	Gamma tubulin
H1.00.01.3.02007	Proteinum microtubulo adjunctum	Microtubule associated protein [MAP]
H1.00.01.3.02008	Kinesinum	Kinesin
H1.00.01.3.02009	Dynelnum	Dynein
H1.00.01.3.02010	Microtubulum operans centrum; MTOC	Microtubule organizing centre [▲] [MTOC]
H1.00.01.3.02011	Cilium (vide paginam 3)	Cillum (see page 3)
H1.00.01.3.02012	Flagellum (vide paginam 73)	Flagellum (see page 73)
H1.00.01.3.02013	Microfilamentum; Filamentum actini	Microfilament; Actin filament
H1.00.01.3.02014	Proteinum ligans actinum	Actin binding protein; ABP protein
H1.00.01.3.02015	Fibra tensionis	Stress fibre [▲]
H1.00.01.3.02016	Trama cytoskeletalis terminalis	Terminal web
H1.00.01.3.02017	Proteinum microfilamento adjunctum	Microfilament associated protein
H1.00.01.3.02018	Myosinum	Myosin
H1.00.01.3.02019	Filamentum intermedium	Intermediate filament

²⁷ H1.00.01.3.01115 *Vesicula transportans; Vesicula transferens*: There is an intense traffic of vesicles in the cell, some capture molecules from the lumen of a compartment as they pinch off from its membrane and then discharge them into another compartment. These vesicles, termed *transport vesicles* by some authors, are named either *transfer* or *transport vesicles* by many others (Alberts B, Johnson B, Lewis A, Raff J, Roberts M, Walter K. *Molecular Biology of the Cell*, 4th Ed. New York: Garland Science Publishing; 2002).

NOMINA LATINA		ENGLISH EQUIVALENTS
H1.00.01.3.02020	Protelinum adjunctum filamento intermedio	Intermediate filament associated protein; IFAP protein
H1.00.01.3.02021	Filamentum alpha intermexini	Alpha-intermexin filament
H1.00.01.3.02022	Filamentum cytokeratini	Keratin filament; Cytokeratin filament
H1.00.01.3.02023	Filamentum desmini	Desmin filament
H1.00.01.3.02024	Filamentum filensini	Filensin filament
H1.00.01.2.02003	Filamentum lamini	Lamin filament
H1.00.01.3.02025	Filamentum nestini	Nestin filament
H1.00.01.3.02026	Filamentum peripherini	Peripherin filament
H1.00.01.3.02027	Filamentum syncollini	Syncollin filament
H1.00.01.3.02028	Filamentum synemini	Synemin filament
H1.00.01.3.02029	Filamentum vimentini	Vimentin filament
H1.00.01.3.02030	Gliofilamentum; Gliofilamentum acidicum fibrillare	Glial fibrillar acidic protein filament; GFAP filament
H1.00.01.3.02031	Neurofilamentum	Neurofilament
H1.00.01.3.02032	Tonofilamentum ²⁸	Tonofilament
H1.00.01.3.02033	Tonofibrilla	Tonofibril
H1.00.01.3.03001 Apoptosis Apoptosis		
H1.00.01.2.00003	Nucleus apoptoticus	Apoptotic nucleus
H1.00.01.3.03002	Corpusculum apoptoticum	Apoptotic body
H1.00.01.3.03003	Bulla apoptotica	Apoptotic bleb
H1.00.01.3.03004	Gemma apoptotica	Apoptotic bud
H1.00.01.3.04001 Anoikis²⁹ Anoikis		
H1.00.01.4.00001 DEPOSITUM EXTRACELLULARE EXTRACELLULAR DEPOSIT		
H1.00.01.4.00002	Granulum crystalloideum extracellulare	Extracellular crystalloid granule
H1.00.01.4.00003	Depositum amyloideum	Amyloid deposit
H1.00.01.4.00004	Amylinum	Amylin
H1.00.02.0.00001 Cyclus cellularis Cell cycle		
H1.00.02.1.00001 INTERPHASIS INTERPHASE		
H1.00.02.1.00002	Nucleus interphasicus	Interphase nucleus
H1.00.02.1.00003	Phasis G ₁ ; Intervallum postmitoticum	G ₁ phase; Postmitotic interval; First gap
H1.00.02.1.00004	Phasis S; Phasis DNA synthetica	S phase; DNA synthesis phase
H1.00.02.1.00005	Phasis G ₂ ; Intervallum premitoticum	G ₂ phase; Premitotic interval; Second gap
H1.00.02.1.00006	Phasis G ₀	G ₀ phase
H1.00.02.1.00007	Cellula postmitotica	Postmitotic cell
H1.00.02.2.00001 APPARATUS DIVISIONIS CELLULARIS CELL DIVISION APPARATUS		
H1.00.02.2.00002	Aster	Aster

²⁸ H1.00.01.3.02032 *Tonofilamentum*: This term is less and less used. A tonofilament is not synonymous with a keratin or a cytokeratin filament, it is rather a delicate bundle of cytokeratin filaments cross-linked by intermediate filament-associated proteins (IFAPs) (Lodish H, Berk A, Zipursky SL, Matsudaira P, Baltimore D, Darnell J. Molecular Cell Biology. W.H. New York: Freeman and Company; 2000).

²⁹ H1.00.01.3.04001 *Anoikis*: This term refers to apoptosis of epithelial cells induced by separation from the extracellular matrix (Frish SM, Francis H. Disruption of epithelial cell-matrix interactions induces apoptosis. *J Cell Biol* 1994; 124: 619–626).

12 Cytologia/Cytology

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.02.2.00003	Diaster	Diaster; Amphiaster
H1.00.02.2.00004	Centriolum	Centriole
H1.00.02.2.00005	Radiatio polaris	Astral rays; Polar radiation
H1.00.02.2.00006	Microtubulus astralis	Astral microtubule
H1.00.02.2.00007	Microtubulus radians	Radiating microtubule
H1.00.02.2.00008	Microtubulus polaris	Polar microtubule
H1.00.02.2.00009	Fusus divisionis cellularis	Cell division spindle
H1.00.02.2.00010	Fusus mitoticus	Mitotic spindle
H1.00.02.2.00011	Fusus meioticus	Meiotic spindle
H1.00.02.2.00012	Fibra fusi	Spindle fibre ^A
H1.00.02.2.00013	Microtubulus fusi	Spindle microtubule
H1.00.02.2.00014	Fibra centriolocentromeralis	Centriolocentromeric fibre ^A ; Kinetochore fibre ^A
H1.00.02.2.00015	Microtubulus kinetochori	Kinetochore microtubule
H1.00.02.2.00016	Fibra polaris	Polar fibre ^A
H1.00.02.2.00017	Microtubulus polaris fusi	Polar spindle microtubule
H1.00.02.4.00018	Planum equatoriale	Equatorial plane
H1.00.02.2.00019	Polus fusalis	Spindle pole
H1.00.02.2.00020	Vestigium fusi	Spindle remnant
H1.00.02.3.00001	MITOSIS; PHASIS M³⁰	MITOSIS; M PHASE
H1.00.02.3.00002	Cellula mitotica	Mitotic cell
H1.00.02.3.00003	Nucleus mitoticus	Mitotic nucleus
H1.00.02.3.00004	Periodus mitoticus	Mitotic period
H1.00.02.3.00005	Cytokinesis	Cytokinesis; Cytodieresis
H1.00.02.3.00006	Karyokinesis	Nuclear division; Karyokinesis
H1.00.02.3.00007	Prophasis	Prophase
H1.00.02.3.00008	Chromatium compactum	Compact chromatin
H1.00.02.3.00009	Chromatium dispersum	Dispersed chromatin
H1.00.02.3.00010	Prometaphasis	Prometaphase
H1.00.02.3.00011	Metaphasis	Metaphase
H1.00.02.3.00012	Lamina equatorialis	Equatorial plate
H1.00.02.3.00013	Anaphasis	Anaphase
H1.00.02.3.00014	Anaphasis A	A anaphase
H1.00.02.3.00015	Anaphasis B	B anaphase
H1.00.02.3.00016	Telophasis	Telophase
H1.00.02.3.00017	Constrictio cytoplasmatica	Cytoplasmic constriction
H1.00.02.3.00018	Sulcus scissionis	Cleavage furrow
H1.00.02.3.00019	Corpusculum intermedium	Midbody
H1.00.02.3.00020	Corpusculum residuale	Residual corpuscle
H1.00.02.3.00021	Chromosoma³¹	Chromosome
H1.00.02.3.00022	Conjectus chromosomatis	Chromosome spread

³⁰ H1.00.02.3.00001 The term *amitosis* is not included here because the process apparently does not occur in normal human tissues.

³¹ H1.00.02.3.00021 *Chromosoma*: The terms *chromonema* and *chromomere* are not included; these two terms were used for several decades to describe (1) filaments (*chromonema*) in the chromosomes and (2) small corpuscles (*chromomere*) along these filaments. The descriptions are now obsolete and *chromomere* is now used to describe dense zones in giant chromosomes. *Chromosomal matrix* is also an old term and no longer used.

	NOMINA LATINA	ENGLISH EQUIVALENTS
H1.00.02.3.00023	Autosoma	Autosome
H1.00.02.3.00024	Heterosoma	Heterosome
H1.00.02.3.00025	Chromosoma sexuales; Gonosoma	Sex chromosome
H1.00.02.3.00026	Chromosoma X; Gonosoma femininum	X chromosome
H1.00.02.3.00027	Chromatinum sexuelle	Sex chromatin
H1.00.02.3.00028	Chromosoma Y; Gonosoma masculinum	Y chromosome
H1.00.02.3.00029	Constrictio primaria	Primary constriction
H1.00.02.3.00030	Centromerus	Centromere
H1.00.02.3.00031	Spherula centromeri	Recombination granule
H1.00.02.3.00032	Crus chromosomatis	Chromosome arm; Chromosome limb
H1.00.02.3.00033	Crus p; Crus breve	P arm; Short arm
H1.00.02.3.00034	Crus q; Crus longum	Q arm; Long arm
H1.00.02.3.00035	Kinetochorus	Kinetochore
H1.00.02.3.00036	Stratum granulare crassum intimum	Innermost coarse granular layer; Inner plate
H1.00.02.3.00037	Stratum filamentosum medium	Middle fibrous layer
H1.00.02.3.00038	Stratum densum superficiale	Outermost dense layer; Outer plate
H1.00.02.3.00039	Corona fibrosa	Fibrous corona
H1.00.02.3.00040	Microtubulus kinetochori	Kinetochore microtubule
H1.00.02.3.00041	Stria C	C band
H1.00.02.3.00042	Stria G	G band
H1.00.02.3.00043	Stria Q	Q band
H1.00.02.3.00044	Stria R	R band
H1.00.01.2.02010	Nucleosoma ¹⁴	Nucleosome
H1.00.01.2.02009	Chromatosoma ¹³	Chromatosome
H1.00.01.2.02007	Filamentum chromatini	Chromatin fibre ⁴
H1.00.02.3.00045	Genum	Gene
H1.00.02.3.00046	Chromosoma acrocentricum	Acrocentric chromosome
H1.00.02.3.00047	Chromosoma metacentricum	Metacentric chromosome
H1.00.02.3.00048	Chromosoma submetacentricum	Submetacentric chromosome
H1.00.02.3.00049	Chromosoma telocentricum	Telocentric chromosome
H1.00.02.3.00050	Telomerus	Telomere
H1.00.02.3.00051	Constrictio secundaria	Secondary constriction
H1.00.02.3.00052	Chromosoma nucleolare; Chromosoma satellitum	Nucleolar chromosome; Satellite chromosome
H1.00.02.3.00053	Satelles chromosomatis	Satellite of chromosome
H1.00.01.2.03006	Nucleolum operans regio	Nucleolar organizing region [NOR]
H1.00.02.3.00054	Regio euchromatica	Euchromatic region
H1.00.02.3.00055	Regio heterochromatica	Heterochromatic region
H1.00.02.3.00056	Chromatidea	Chromatid; Sister chromatid
H1.00.02.3.00057	Chromosoma filia	Daughter chromosome
H1.00.02.3.00058	Endomitosis	Endomitosis
H1.00.02.3.00059	Aneuploidia	Aneuploidy
H1.00.02.3.00060	Diploidia	Diploidy
H1.00.02.3.00061	Euploidia	Euploidy
H1.00.02.3.00062	Haploidia	Haploidy

I4 Cytologia/Cytology

NOMINA LATINA		ENGLISH EQUIVALENTS
H1.00.02.3.00063	Polyploidia	Polyploidy
H1.00.02.3.00064	Tetraploidia	Tetraploidy
H1.00.02.4.00001	MEIOSIS	MEIOSIS
H1.00.02.4.00002	Divisiones maturationalis	Maturational divisions
H1.00.02.4.00003	Divisio reductionalis	Reductional division
H1.00.02.4.00004	Divisio equationalis	Equational division
H1.00.02.4.00005	Prereductio	Prereduction
H1.00.02.4.00006	Postreductio	Postreduction
H1.00.02.4.00007	Gametocytus primarius	Primary gametocyte
H1.00.02.4.00008	Meiosis I	Meiosis I
H1.00.02.4.00009	Prophasis I	Prophase I
H1.00.02.4.00010	Chromatium dispersum	Dispersed chromatin
H1.00.02.4.00011	Chromatium compactum	Compact chromatin
H1.00.02.4.00012	Proleptonema; Phasis proleptonemalis	Proleptotene; Proleptotene stage
H1.00.02.4.00013	Leptonema; Phasis leptonemalis	Leptotene; Leptotene stage
H1.00.02.4.00014	Zygotema; Phasis zygotemalis	Zygotene; Zygotene stage
H1.00.02.4.00015	Chromosoma meioticum	Meiotic chromosome
H1.00.02.4.00016	Chromosoma homologum	Homologous chromosome
H1.00.02.4.00017	Conjugatio; Synapsis	Conjugation; Synapsis
H1.00.02.4.00018	Complexus synaptonemalis	Synaptonemal complex
H1.00.02.4.00019	Elementum centrale	Central element
H1.00.02.4.00020	Fibra transversa	Transverse fibre*
H1.00.02.4.00021	Elementum periphericum	Peripheral element
H1.00.02.4.00022	Nodus recombinationis	Recombination nodule
H1.00.02.4.00023	Pachytema; Phasis pachytemalis	Pachytene; Pachytene stage
H1.00.02.4.00024	Chiasma chromosomale	Chromosomal chiasm; Chromosomal chiasma
H1.00.02.4.00025	Decussatio	Crossing over
H1.00.02.4.00026	Chromosoma bivalens	Bivalent chromosome
H1.00.02.4.00027	Tetras	Tetrad
H1.00.02.4.00028	Dipionema; Phasis dipionemalis	Diplotene; Diplotene stage
H1.00.02.4.00029	Diakinesis	Diakinesis
H1.00.02.4.00030	Prometaphasis I	Prometaphase I
H1.00.02.4.00031	Metaphasis I	Metaphase I
H1.00.02.4.00032	Lamina equatorialis	Equatorial plate
H1.00.02.4.00033	Anaphasis I	Anaphase I
H1.00.02.4.00034	Telophasis I	Telophase I
H1.00.02.4.00035	Gametocytus secundarius	Secondary gametocyte
H1.00.02.4.00036	Interkinesis	Interkinesis
H1.00.02.4.00037	Meiosis II	Meiosis II
H1.00.02.4.00038	Prometaphasis II	Prometaphase II
H1.00.02.4.00039	Metaphasis II	Metaphase II
H1.00.02.4.00040	Lamina equatorialis	Equatorial plate
H1.00.02.4.00041	Anaphasis II	Anaphase II
H1.00.02.4.00042	Telophasis II	Telophase II