

Emtree 2017.03 release notes

Biomedical disciplines, science and art

- Updated hierarchy of the 'natural science' branch and the 'biomedicine' branch.
- Relocation of concepts in the 'cellular, subcellular and molecular phenomena and functions' and 'heredity' branches that refer to biomedical disciplines to the 'biomedical disciplines' branch.

Drugs and chemicals

- Incorporation of United States Adopted Names published until June 2017, FDA and EMA newly approved drugs, drugs under consideration, drug trade names and information on orphan drugs until June 2017.
- Further enrichment of the nutrition supplement terms with brand names.
- Updated hierarchy of the 'adrenergic receptor affecting agent' branch.

Healthcare concepts

- Updated hierarchy of the 'health care personnel' branch.

Medical devices

- Addition of 669 device trade names, especially for devices related to cardiovascular diseases and musculoskeletal diseases.
- Started to make changes to distinguish tests (as a procedure) and test kits (as a medical device, e.g.: allergy test vs allergy test kit) and between drug-specific delivery devices and the actual drug, e.g. device trade name 'Epipen' is now a synonym of 'epinephrine autoinjector' instead of a synonym of 'epinephrine'.

Organisms

- Addition of granularity and hierarchy to: bacterial phyla Actinobacteria (24 new concepts), Firmicutes (9) and Chlamydiae (12), gastropods (49 new concepts) and crocodylians (15), larvae (11 concepts).
- Relocation of the non-phylogenetic bacterial groupings to the node 'prokaryotes by outer appearance'
- Creation of separate concepts for animal and plant fibers that sometimes have the same name as the species of origin (19 concepts).

Cell lines

- Addition of 2,089 new cell line concepts (individual cell lines as well as group names).
- Addition of granularity to 'transformed cell line', 'cell line by disease', '... by organ' and '... by cell type' branches.
- Added branches for 'resistant cell line' and 'factor-dependent cell line'.

Biological functions

- Updated hierarchy of the branch 'cellular, subcellular and molecular phenomena and functions' and the branch for signal transduction; addition of many signaling/signal transduction concepts (16 new concepts)

Parameters

- Addition of 35 parameters, of which 28 are parameters with an attribute (duration, percentage).