

Emtree Terms Added and Changed (January 2019)

This is an overview of new terms added and changes made in the first Emtree release in 2019.

Overall, Emtree has grown by 709 preferred terms (114 drug terms and 595 non-drug terms) compared with the previous version released in September 2018. In total Emtree now counts 82444 preferred terms.

Because the terms added include replacements for existing preferred terms (which become synonyms of the new terms) as well as completely new concepts, the number of terms added exceeds the net growth in Emtree. Other changes could include the merging of two or more existing preferred terms into a single concept.

The terms added and changed are summarized below and specified in detail on the following pages.

Emtree Terms Added in January 2019

739 new terms (including 30 replacement terms and promoted synonyms) have been added to Emtree as preferred terms in version January 2019 (compared to September 2018):

- 128 drug terms (terms assigned to the Chemicals and Drugs facet).
- 611 non-drug terms (terms not assigned as Chemicals and Drugs).

The new terms (including the replacement terms and the promoted synonyms) are listed as *Terms Added* on the following pages. Note that many of these terms will have been indexed prior to 2019 (typically as candidate terms), sometimes for several years, before they were added to Emtree.

Emtree Terms Changed in January 2019

30 terms (15 drug terms and 15 non-drug terms) from Emtree September 2018 have been replaced by 30 different terms in January 2019 (15 drug terms and 15 non-drug terms).

Of these, 25 terms (12 drug terms and 13 non-drug terms) are new (e.g. new generic names for drug chemical names) and have been assigned creation date 2019; the remaining 5 replacement terms (3 drug terms and 2 non-drug terms) were already present in Emtree.

No drug terms were replaced by a non-drug term, 0 non-drug term were replaced by a drug term. No preferred terms were deleted.

Changes are presented in alphabetical order of the *new* terms.

Drug terms

1 palmitoyl 2 oleoyl sn glycerol 3
phosphoglycerol sodium salt

AAV-CNGA3

abelacimab

abo 202

abrocitinib

Actaea racemosa extract

adriforant

ag31

aln ttrsc02

alteminostat

altizide plus spironolactone

amelparib

amlivirsen

amlodipine plus indapamide

ampreloxetine

animal protein

aticaprant

Avena sativa extract

avoplace

azelaprag

bamadutide

banned ingredient

bcx 7353

belapectin

bempegaldesleukin

bevifimod

bg00011

bintrafusp alfa

blarcamesine

bovine mastitis vaccine

brilaroxazine

btz 043

budigalimab

calcium regulating agents

camsirubicin

canine adenovirus canine distemper virus

canine leptospirosis canine

parainfluenza virus canine parvovirus

rabies virus vaccine

canine adenovirus canine distemper virus

canine leptospirosis canine

parainfluenza virus canine parvovirus

vaccine

canine adenovirus canine distemper virus

canine parainfluenza virus canine

parvovirus vaccine

canine leptospirosis canine parainfluenza
virus rabies virus vaccine

canine leptospirosis canine parainfluenza
virus vaccine

carbamide peroxide

carboplatin plus sodium valproate

cenupatide

ceralasertib

chemokine receptor CX3CR1 antagonist

chlorpheniramine maleate plus
paracetamol

cinpanemab

cintirorgon

clascoterone

coblopasvir

cotadutide

CRISPR associated endonuclease Cas9

crovalimab

cystine bis(n' methylpiperazide)

dcr l1360

diterpene alkaloid

dolutegravir plus lamivudine plus tenofovir
disoproxil

donanemab

doravirine plus lamivudine plus tenofovir
disoproxil

Echinacea angustifolia extract

econazole plus triamcinolone acetonide

egt 101

egt 201

egt 301

elifactant

elopultide

estradiol plus progesterone

ethinylestradiol plus segesterone acetate

formic acid plus oxalic acid

glycosidase activator

Golgi matrix

granulin

h3b 6527

harmala alkaloid

hm15136

hydrolase activator

infectious laryngotracheitis Marek disease
vaccine

inz 701

ionis-maptrx

islatravir	oxycodol
Janus kinase 1 inhibitor	pea protein
lademirsen	pepinemab
lbs 008	phenyltrope
lerociclib	polyyne
lipoglycopeptide	quetmolimab
lorezivint	redipultide
mannose 1 phosphate	regn eb3
mannose 1 phosphate lipid complex	rgx 111
meat protein	risuteganib
methyltransferase activator	secretagogue
mitazalimab	segesterone acetate
mRNA 3704	shellfish protein
mrt5201	shp 654
Mycoplasma synoviae vaccine	smoking cessation agent
myrrh	sodium sulfate cotransporter
n (2 bromophenyl) 9 methyl 9 azabicyclo[3.3.1]nonan 3 amine	steroid hormone receptor stimulating agent
naxitamab	substandard drug
NPC intracellular cholesterol transporter 1	sulfate transporter
nsr rep1	tomaralimab
occlusion body matrix protein	transferase activator
olutasidenib	troriluzole
otl 101	vutrisiran
otl 201	wve 210201
oxindole derivative	

Non-drug terms

abscopal effect
 acaricidal activity
 acetabular liner
 acetabular shell
 acidified milk
 acidophilus milk
 acoustic artifact
 actinic prurigo
 additive effect
 adulticidal activity
 Adverse Childhood Experiences Questionnaire
 Aegilops
 Aegilops speltoides
 aerobic granular sludge
 aerobic sludge
 aggressive driving
 agro-industrial waste
 algicidal activity
 allogenic cell
 almond milk
 aloe juice
 amensalism
 amikacin resistance
 aminoglycoside resistance
 amoebicidal activity
 Amphotropic murine leukemia virus
 anaerobic ammonium oxidation
 anaerobic granular sludge
 anaerobic sludge
 anammox sludge
 animal pollination
 antagonistic effect
 antagonistic pleiotropy
 Anthocoridae
 anti-acari activity
 antiaging activity
 antialgal activity
 antiallergic activity
 antiamebic activity
 antiapoptotic activity
 antibiofilm activity
 antibiotic resistome
 anticariogenic activity
 anticestodal activity
 antifibrotic activity
 antifilarial activity
 antiherpetic activity
 antihydatic activity
 antilarval activity
 antileishmanial activity
 antileukemic activity
 antimutagenic activity
 antinematode activity
 antineoplastic protocol
 antiobesity activity
 antiosteoporotic activity
 antiparasitic activity
 antiplasmodial activity
 antiplatelet activity
 antithrombogenic activity
 antithrombotic activity
 antitrypanosomal activity
 antitrypanosomatid activity
 antitumorigenic activity
 antitussive activity
 apple pomace
 aptasensor
 aquagenic urticaria
 Astragalus propinquus
 Autographa californica multiple nucleopolyhedrovirus
 Autographa californica nucleopolyhedrovirus
 B10.RIII mouse
 Bacillus velezensis
 bacteriostatic activity
 baked milk
 bat pollination
 bee pollination
 benefit-finding
 bergamot juice
 berry juice
 big data
 bikeability
 biliary microlithiasis
 biliary sludge
 bilious vomiting
 biocidal activity
 biofilm matrix
 biostatic activity
 bird pollination
 birth season
 birth setting
 bitter orange juice
 blackcurrant juice
 blueberry juice
 boiled milk
 brachial plexus palsy
 breaking strength
 Brettanomyces bruxellensis
 Bruchidae
 buffalo milk
 built environment
 Burkholderiales Genera incertae sedis
 cactus pear juice
 Calliphora vomitoria
 Calothrix
 cannabinoid hyperemesis
 canthus
 Carangaria incertae sedis
 carbapenem resistance
 carbapenem resistant Acinetobacter baumannii
 carbapenem resistant Escherichia coli
 carbapenem resistant Klebsiella pneumoniae
 carbapenem resistant Pseudomonas aeruginosa

cardiac rhythm management device
 caregiver burnout
 carotid artery balloon injury
 cashew apple juice
 CAST/EIJ mouse
 cattle manure
 cefotaxime resistance
 ceftazidime resistance
 ceiling and floor effect
 ceiling effect (pharmacology)
 ceiling effect (statistics)
 Cenchrus purpureus
 Centropomidae
 cephalomedullary nail
 cerulein-induced acute pancreatitis
 cerulein-induced chronic pancreatitis
 character displacement
 chemotherapy induced nausea
 cherry juice
 cherubism
 childhood adversity
 childhood psychosis
 childhood trauma
 chiral separation
 Chlamydia abortus
 Chlamydia felis
 chocolate milk
 chokeberry juice
 ciprofloxacin resistance
 ciprofloxacin resistant Escherichia coli
 citrus juice
 citrus processing waste
 Cladophora
 Cladophora glomerata
 clam juice
 clear cell chondrosarcoma
 clinical trial protocol
 Clostridium ljungdahlii
 cold allodynia
 cold hyperalgesia
 colistin resistance
 Collaborative Cross mouse
 competitive exclusion
 complicated grief
 compression artifact
 concentration (parameter)
 condensed milk
 cone dystrophy
 Consolida
 construction and demolition waste
 cow milk
 craniofacial fibrous dysplasia
 Crotalus durissus
 Crotalus durissus terrificus
 cupping therapy
 cyberbullying
 cybersickness
 cyberstalking
 dairy cream
 dairy waste
 dairy wastewater
 Daphniophyllaceae
 Daphniophyllum
 daptomycin resistance
 data aggregation
 data correlation
 data science
 data system
 data visualization
 deep learning
 Dehalobacter
 dentist patient relationship
 Descurainia
 Descurainia sophia
 Diadema
 dialectical behavior therapy
 Diatraea
 Dicentra
 digital literacy
 Dioscorea zingiberensis
 disability study
 disenfranchised grief
 disrespect
 distillery waste
 distillery wastewater
 Diversity Outbred mouse
 doctor patient relationship
 donkey milk
 donor milk
 doogh
 dry cupping
 e-waste
 ear tissue
 economic status
 edema fluid
 Edmonton Frail Scale
 Edmonton Obesity Staging System
 Edmonton Symptom Assessment System
 egocentricity
 electrician
 electrochemical sensor
 electroplating waste
 electroplating wastewater
 embarrassment
 emotional neglect
 endobronchial valve
 endocarp
 Epiphyas
 Epiphyas postvittana
 Epipremnum
 Epipremnum aureum
 Equartevirus
 equipment and supplies utilization
 erythromycin resistance
 European Organization for Research and Treatment
 of Cancer Quality of Life Questionnaire Core 30
 European Quality of Life 5 Dimensions 3 Level
 questionnaire
 European Quality of Life 5 Dimensions 5 Level
 questionnaire

European Quality of Life 5 Dimensions questionnaire
 European Quality of Life 5 Dimensions Visual Analogue Scale
 evaporated milk
 ex-smoker
 experimental acute pancreatitis
 experimental meningitis
 experimental motor dysfunction
 experimental urolithiasis
 extensive drug resistance
 extensively drug resistant *Acinetobacter baumannii*
 facilities and services utilization
 family separation
 feculent vomiting
 fermented dairy product
 fermented milk drink
 fetal bovine serum
Flacourtia
 flavored milk
 flexural strength
 flocculent sludge
 floor effect
 fluoroquinolone resistance
 fluoroquinolone resistant *Escherichia coli*
 focused assessment with sonography for trauma
 food processing waste
 forensic psychology
 fragmented sleep
 freezing of gait
 fruit and vegetable waste
 fruit peel
 fruit pulp
 fruit waste
 fruit wine
 Functional Assessment of Cancer Therapy
 Functional Assessment of Cancer Therapy Brain
 Functional Assessment of Cancer Therapy Breast
 Functional Assessment of Cancer Therapy Cognitive Function
 Functional Assessment of Cancer Therapy Colorectal
 Functional Assessment of Cancer Therapy Fatigue
 Functional Assessment of Cancer Therapy General
 Functional Assessment of Cancer Therapy Head and Neck
 Functional Assessment of Cancer Therapy Prostate
 Functional Assessment of Chronic Illness Therapy
 Functional Assessment of Chronic Illness Therapy Fatigue Scale
 Functional Assessment of Chronic Illness Therapy Spiritual Well Being Scale
 fungistatic activity
 gallbladder polyp
 GATA2 deficiency
 genetic profile
 gentamicin resistance
 Glaucoma *chattoni*
 glymphatic system
 GRADE approach
 granular sludge
 grape pomace
 grey literature
 gun violence
 hair follicle bulge
 hand pollination
Harpacticoida
 HCCLM6 cell line
 health workforce
 healthy user bias
 heat allodynia
 heat hyperalgesia
 Hepatitis B virus genotype E
 HER2 chromogenic in situ hybridization kit
 HER2 test kit
 Heterorhabditis
 hippocampal fissure
 history of pharmacy
 hook effect
 horse milk
 host bacterium interaction
 host fungus interaction
 host interaction
 host microbe interaction
 host pathogen vector interaction
 host vector interaction
 household economic status
 human epidermal growth factor receptor 2 negative breast cancer
 hyperemesis
 hypocholesterolemic activity
 hypolipidemic activity
Ichthyophthirius
Ichthyophthirius multifiliis
 illiteracy
Ilyanassa
Ilyanassa obsoleta
 image artifact
 implementation science
 implementation scientist
 indication bias
 informatician
 inner filter effect
 insect pollination
 instrument detection limit
 intermediate care unit
 intermethod reliability
 international health regulation
 internet access
 internet of things
 involuntary euthanasia
 iris stroma
 kinetic isotope effect
 Krippendorff's alpha coefficient
 larvicidal activity
 larvostatic activity
 lateral canthus
Lates
Lates calcarifer
Lates niloticus
 lead time bias
 leishmanicidal activity

Leucanthemum
 Liliium longiflorum
 lime juice
 limit of agreement
 limit of blank
 lipoabdominoplasty
 liquid waste
 LLC-PK1 cell line
 low fat milk
 macrolide resistance
 Maesa
 magic angle effect
 mail order pharmacy
 mandarin juice
 mango juice
 mathematician
 matrix effect
 McGurk effect
 mead (beverage)
 meaning-making
 meat juice
 mechanical allodynia
 medial canthus
 medical countermeasure
 melanoma test kit
 mentalization
 mentalization-based treatment
 mesocarp
 method detection limit
 microbe-microbe interaction
 microbial competition
 microbial interaction
 microbicidal activity
 microbistatic activity
 microlithiasis
 micromolding
 milk by fat content
 milk by origin
 milk by preservation
 milkshake
 mine waste
 minimum detectable activity
 minimum detectable change
 Mitragyna speciosa
 mold
 molluscicidal activity
 monostotic fibrous dysplasia
 Morisky Medication Adherence Scale
 Morisky-Green-Levine test
 multidrug resistant Acinetobacter baumannii
 multidrug resistant Enterobacteriaceae
 multidrug resistant Escherichia coli
 multidrug resistant Klebsiella pneumoniae
 multidrug resistant Pseudomonas aeruginosa
 municipal waste
 municipal wastewater
 myopericytoma
 Myrsine
 Nannochloropsis oceanica
 Nassariidae
 nematicidal activity
 Neolentinus
 neurolymphomatosis
 New Zealand obese mouse
 non small cell lung cancer detection kit
 null result
 nurses improving care for healthsystem elders
 nursing shared governance
 nutshell (structure)
 obstetrical brachial plexus palsy
 off-target effect
 olive mill waste
 olive mill wastewater
 olive pomace
 omitted variable bias
 online harassment
 online pharmacy
 online social network
 opioid induced hyperalgesia
 Orius
 Orius insidiosus
 outcome reporting bias
 ovicidal activity
 oxacillin-resistant Staphylococcus aureus
 paper mill
 parasiticidal activity
 partial volume (imaging)
 participatory action research
 pasteurized milk
 PC12 cell line (pheochromocytoma)
 peanut milk
 pear juice
 pedal ganglion
 pediatric traumatic brain injury
 Pelvic Organ Prolapse Quantification
 penicillin resistant Streptococcus pneumoniae
 perivitelline space
 pharmacist patient relationship
 pharmacy (discipline)
 pharmacy (shop)
 pig milk
 Pinctada fucata
 plant bacterium interaction
 plant juice
 plant pollinator interaction
 plant virus interaction
 plant-based milk
 plastic waste
 Plectranthus amboinicus
 Plectranthus barbatus
 Plectranthus scutellarioides
 pleopod
 pleural ganglion
 Pocillopora
 Pocillopora damicornis
 polymyxin resistance
 polyostotic fibrous dysplasia
 population health management
 post-Lyme disease syndrome
 posttraumatic growth (psychology)

poultry manure
 prior authorization
 proapoptotic activity
 procedures and techniques utilization
 proepicardium
 professional burnout
 prolonged grief
 prostate specific antigen test kit
 protein carbamylation
 protoscolex
 protoscolicidal activity
 protozoacidal activity
 prurigo nodularis
 prurigo pigmentosa
 psychogenic vomiting
 public expenditure
 publication bias
 pulmonary alveolar microlithiasis
 pulp and paper industry
 pulp and paper industry waste
 pulp and paper mill wastewater
 pupicidal activity
 PWK/PhJ mouse
 quality improvement study
 quantitative light-induced fluorescence
 radiation induced nausea and vomiting
 radioactive waste management
 radioactive wastewater
 radiofrequency catheter ablation
 radiofrequency therapy
 raw milk
 reckless driving
 reduced fat milk
 regenerative endodontics
 REM sleep latency
 reporting bias
 reproductive interference
 reserpine-induced hypothermia
 respect
 response bias
 retention in care
 reversed phase ultra performance liquid chromatography
 rifampicin resistance
 road rage
 ROS 17/2 cell line
 ROS cell line (osteosarcoma)
 rose wine
 Rutilus
 Rutilus rutilus
 Schefflera
 scolicidal activity
 screen time
 Scylla paramamosain
 sedentary time
 seed sludge
 self reference effect
 self-selection bias
 sheep milk
 Simon task
 simulator sickness
 Sivash prosthesis
 skim milk
 sleep debt
 sleep fragmentation (procedure)
 sludge bulking
 sludge management
 sludge reduction
 social desirability bias
 sorghum juice
 sour cream
 sour dairy product
 specialty pharmacy
 speeding (driving)
 spermicidal activity
 spillover (imaging)
 sponsorship bias
 stage 1 sleep
 stage 2 sleep
 statistically significant result
 statistician
 strawberry juice
 streptomycin resistance
 streptozotocin-induced diabetic nephropathy
 streptozotocin-induced hyperglycemia
 student burnout
 sugar beet juice
 sugar beet pulp
 sugarcane juice
 survival bias
 sweetened condensed milk
 sweetened milk
 swine manure
 syndemic
 synergistic effect
 tactile allodynia
 tandem affinity purification
 tannery sludge
 tannery waste
 tannery wastewater
 testicular microlithiasis
 therapeutic alliance
 thermal allodynia
 thermal hyperalgesia
 Thiomonas
 thoracic disk hernia
 Tigriopus
 Tigriopus japonicus
 tobramycin resistance
 toe nail
 total hip replacement
 traffic pollution
 transplant rejection test kit
 tritrophic interaction
 trypanocidal activity
 UHT milk
 United Nations Educational, Scientific and Cultural Organization
 universal health insurance
 unresolved grief

vaccine hesitancy
vaccinologist
vaccinology
vegetable waste
ventilation-perfusion scan
veterinary clinical trial
veterinary pharmacy
virostatic activity
virucidal activity
walkability
wall effect
Walleimia
Walleimiales
waste site
watermelon juice
weight trajectory (body weight)
Weissella cibaria
wet cupping
wheat grass juice
whey permeate
whole milk
wind pollination
winery waste
winery wastewater
Withania coagulans
within host interaction
WSB/Eij mouse
yak milk
Zweymuller prosthesis

Drug terms

New or pre-existing term

** indicates pre-existing term*

Actaea racemosa extract
altizide plus spironolactone
bevifimod
canine adenovirus canine distemper virus
canine parainfluenza virus canine parvovirus
vaccine
chlorpheniramine maleate plus paracetamol
Echinacea angustifolia extract
inotersen*
iodinated poppyseed oil*
lorezivint
mitazalimab
oxycodol
segesterone acetate
tomaralimab
vutrisiran
zolbetuximab*

Old (replaced) term

These terms become synonyms of the new term

Cimicifuga racemosa extract
aldactazine
staphylococcus protein A
canine adenovirus plus canine distemper virus plus
canine parainfluenza virus plus canine parvovirus
vaccine
coricidin
Echinacea angustiflora extract
ionis ttrrx
ethiodized oil
adavivint
vanalimab
loxicodegol
elcometrine
opn 305
votrisiran
claudiximab

Non-drug terms

New or pre-existing term

** indicates pre-existing term*

cardiac rhythm management device
Chlamydia*
concentration (parameter)
doctor patient relationship
e-waste
fermented dairy product
HCCLM6 cell line
health workforce
LLC-PK1 cell line
mold
paper mill
PC12 cell line (pheochromocytoma)
pharmacy (shop)
ROS cell line (osteosarcoma)
workforce*

Old (replaced) term

These terms become synonyms of the new term

pacemaker
Chlamydophila
concentration (parameters)
doctor patient relation
electronic waste
fermented milk product
LM6 cell line
health care manpower
LLC PK1 cell line
mould
paper industry
PC12 cell line
pharmacy
ROS cell line
manpower