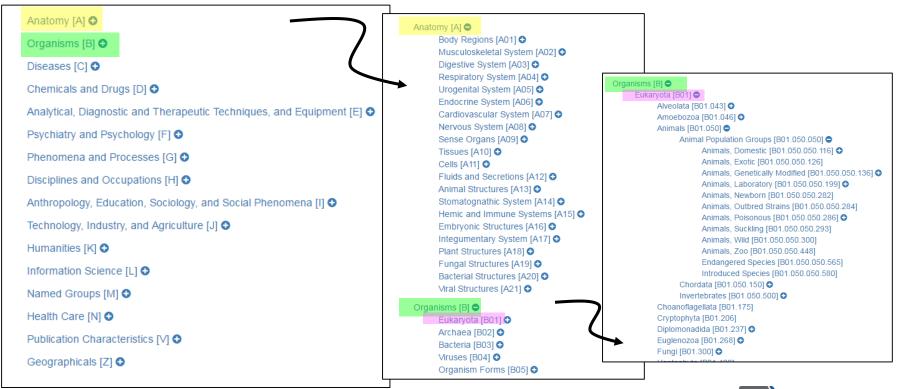
National Library of Medicine (NLM) Medical Subject Headings (MeSH)

- MeSH is the NLM's controlled vocabulary thesaurus.
- MeSH descriptors are arranged in an alphabetical and hierarchical structure from the most general level to the most narrow levels.
- MeSH tree:



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J Endocrinol, 2011 Jan;208(1):59-67. doi: 10.1677/JOE-10-0302. Epub 2010 Oct 25.			Aging	0
Growth-inhibiting conditions slow growth plate sene	scence.		Analysis of Variance	0
Forcinito P1, Andrade AC, Finkielstain GP, Baron J, Nilsson O, Lui JC.			Analysis of variance	· · ·
Author information			Animals	1
Abstract			Animais	•
The mammalian growth plate undergoes programmed senescence during juvenile life, causing skeletal growth to slow with age. We previously found that hypothyroidism in rats slowed both growth plate chondrocyte proliferation and growth plate senescence, suggesting that senescence is not dependent on age per se but rather on chondrocyte proliferation. However, one alternative explanation is that the observed slowing of growth plate senescence is a specific consequence of hypothyroidism. We reasoned that,			Animals, Newborn	0
if delayed senescence is a general consequence of growth inhibition, rai would also be slowed by other growth-inhibiting conditions. In this study, growth in newborn rats for 4 weeks. We then allowed the animals to reco	her than a specific result of hypothyroidism, then senescence we therefore used tryptophan deficiency to temporarily inhibit		Chondrocytes	0
found that structural, functional, and molecular markers of growth plate s indicating that the developmental program of senescence had occurred			Growth Plate	1
consequence of growth inhibition and hence that growth plate senescen on growth. PMID: 20974641 DOI: <u>10.1677/JOE-10-0302</u> [Indexed for MEDLINE] Free full text ■ ● ■ ■	e is Publication types, MeSH terms, Substances, Gra Publication types Research Support, N.I.H., Intramural Research Support, Non-U.S. Gov't MeSH terms Aging/pathology* Analysis of Variance	ant support		
Publication types, MeSH terms, Substances, Grant support	Animals Animals, Newborn		List of Mesh	
LinkOut - more resources	<u>Chondrocytes/pathology*</u> <u>Growth Plate/growth & development*</u> <u>Growth Plate/pathology</u> Male	 -	terms assigned to this	
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☐ 0 comments	<u>Rats</u> <u>Rats, Sprague-Dawley</u> <u>Reverse Transcriptase Polymerase Chain Reaction</u> <u>Tryptophan/deficiency*</u>		publication	
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