

**TGFB1p Transforming growth
factor beta induced protein**

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factor beta induced protein**

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2008 Focus on molecules: Transforming growth factor beta induced protein (TGFB1p).

1 [18291366] Exp Eye Res 87(4):298-9 (2008)

Fibrosis	SMAD2	TGF beta	
HGF	SMAD3	TGIF	
Holoprosencephaly	SnoN		

2004 Hepatocyte growth factor in kidney fibrosis: therapeutic potential and mechanisms of action.

1 [15180923] Am J Physiol Renal Physiol 287(1):F7-16 (2004)

2007 Functional analysis of mutations in TGIF associated with holoprosencephaly.

2 [16962354] Mol Genet Metab 90(1):97-111 (2007)

TGN1412

12645

TGN1412

TGN1412			
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2010 **TGN1412: From Discovery to Disaster.**
1 [\[21042496\]](#) J Young Pharm 2(3):332-6 (2010)

TGR5

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TGR5

Adipose tissue (Brown)	TGR5	Transporter (Bile acid)	
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2011 TGR5: a novel target for weight maintenance and glucose metabolism.

1 [21754919] Exp Diabetes Res 2011(-):853501 (2011)

TH

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TH

ATP1A3	GCH1	SGCE	THAP1
Disease classifications	PNKD1	SLC2A1	TOR1A
Dystonia	PRKAR1A	TAF1	

2009 **The monogenic primary dystonias.**
1 [19578124] *Brain* 132(Pt 8):2005-25 (2009)

CNS (Development)	Sensory organs (Neurophysiology)		
Higher brain functions (Neurophysiology)	Thalamus		

- 2002 Thalamic relay functions and their role in corticocortical communication: generalizations from the visual system.**
 1 [11804565] *Neuron* 33(2):163-75 (2002)
- 2002 Feed-forward synchronization: propagation of temporal patterns along the retinothalamocortical pathway.**
 2 [12626020] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1869-76 (2002)
- 2002 Adaptation in the corticothalamic loop: computational prospects of tuning the senses.**
 3 [12626019] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1859-67 (2002)
- 2002 Analysing neuronal correlates of the comparison of two sequentially presented sensory stimuli.**
 4 [12626017] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1843-50 (2002)
- 2002 Recordings, behaviour and models related to corticothalamic feedback.**
 5 [12626016] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1835-41 (2002)
- 2002 The influence of the corticothalamic projection on responses in thalamus and cortex.**
 6 [12626015] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1823-34 (2002)
- 2002 The thalamus as a monitor of motor outputs.**
 7 [12626014] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1809-21 (2002)
- 2002 Target and temporal pattern selection at neocortical synapses.**
 8 [12626012] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1781-91 (2002)
- 2002 A new interpretation of thalamocortical circuitry.**
 9 [12626011] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1767-79 (2002)
- 2002 Glutamate receptor functions in sensory relay in the thalamus.**
 10 [12626010] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1759-66 (2002)
- 2002 Dynamic shifting in thalamocortical processing during different behavioural states.**
 11 [12626009] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1753-8 (2002)
- 2002 Corticothalamic interactions in the transfer of visual information.**
 12 [12626008] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1739-52 (2002)
- 2002 Spike timing and visual processing in the retinogeniculocortical pathway.**
 13 [12626007] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1729-37 (2002)
- 2002 Thalamocortical control of feed-forward inhibition in awake somatosensory 'barrel' cortex.**
 14 [12626006] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1717-27 (2002)
- 2002 Is there a thalamic component to experience-dependent cortical plasticity?**
 15 [12626005] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1709-15 (2002)
- 2002 The role of the thalamus in the flow of information to the cortex.**
 16 [12626004] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1695-708 (2002)
- 2002 Novel neuronal and astrocytic mechanisms in thalamocortical loop dynamics.**
 17 [12626003] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1675-93 (2002)
- 2002 Thalamic circuitry and thalamocortical synchrony.**
 18 [12626002] *Philos Trans R Soc Lond B Biol Sci* 357(1428):1659-73 (2002)
- 2006 Bursting of thalamic neurons and states of vigilance.**
 19 [16554502] *J Neurophysiol* 95(6):3297-308 (2006)
- 2003 Vascular syndromes of the thalamus.**
 20 [12933968] *Stroke* 34(9):2264-78 (2003)
- 2008 Emerging views of corticothalamic function.**
 21 [18805486] *Curr Opin Neurobiol* 18(4):403-7 (2008)
- 2007 The thalamus is more than just a relay.**
 22 [17707635] *Curr Opin Neurobiol* 17(4):417-22 (2007)
- 2008 Novel modes of rhythmic burst firing at cognitively-relevant frequencies in thalamocortical neurons.**
 23 [18602904] *Brain Res* 1235(-):12-20 (2008)
- 2010 Building a bridal chamber: development of the thalamus.**
 24 [20541814] *Trends Neurosci* 33(8):373-80 (2010)
- 2011 Thalamic influences on multisensory integration.**
 25 [21966551] *Commun Integr Biol* 4(4):378-81 (2011)

Anemia (Sickle cell)	Hemoglobin F	Iron (Toxicology)	
Heart (Cardiomyopathy BASKET)	Histone deacetylase	Thalassemia	
Heart failure (chronical)	Iron (Chelator)		

1983 Thalassemic hemoglobinopathies.

1 [6359893] Am J Pathol 113(3):396-409 (1983)

2002 The hypercoagulable state in thalassemia.

2 [11756150] Blood 99(1):36-43 (2002)

1997 Iron-chelating therapy and the treatment of thalassemia.

3 [9028304] Blood 89(3):739-61 (1997)

1984 Advances in thalassemia research.

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2008 Italian Society of Hematology practice guidelines for the management of iron overload in thalassemia major and related disorders.

5 [18413891] Haematologica 93(5):741-52 (2008)

2005 Combined therapy with deferiprone and desferrioxamine in thalassemia major.

6 [16219564] Haematologica 90(10):1304-5 (2005)

2003 Comparative effects of deferiprone and deferoxamine on survival and cardiac disease in patients with thalassemia major: a retrospective analysis.

7 [12745268] Haematologica 88(5):489-96 (2003)

2003 Treatment of cardiac iron overload in thalassemia major.

8 [12745264] Haematologica 88(5):481-2 (2003)

2004 Thalassemia.

9 [15561674] Hematology Am Soc Hematol Educ Program :14-34 (2004)

2010 Genetic correction of sickle cell anemia and beta-thalassemia: progress and new perspective.

10 [20419277] ScientificWorldJournal 10(-):644-54 (2010)

2010 The life of patients with thalassemia major.

11 [20207838] Haematologica 95(3):345-8 (2010)

2007 Heart disease in thalassemia intermedia: a review of the underlying pathophysiology.

12 [17488690] Haematologica 92(5):658-65 (2007)

2005 Genetic modifiers of beta-thalassemia.

13 [15921380] Haematologica 90(5):649-60 (2005)

2010 Update on iron chelators in thalassemia.

14 [21239834] Hematology Am Soc Hematol Educ Program 2010(-):451-5 (2010)

2010 Hematopoietic stem cell transplantation in thalassemia.

15 [21239835] Hematology Am Soc Hematol Educ Program 2010(-):456-62 (2010)

2009 Hb H disease: clinical course and disease modifiers.

16 [20008179] Hematology Am Soc Hematol Educ Program :26-34 (2009)

2009 Alpha thalassemia major--new mutations, intrauterine management, and outcomes.

17 [20008180] Hematology Am Soc Hematol Educ Program :35-41 (2009)

2010 Foetal haemoglobin inducers and thalassaemia: novel achievements.

18 [20104272] Blood Transfus 8(1):5-7 (2010)

2008 Histone deacetylase inhibitors and hemoglobin F induction in beta-thalassemia.

19 [18617435] Int J Biochem Cell Biol 40(11):2341-7 (2008)

2005 Physiology and pathophysiology of iron cardiomyopathy in thalassemia.

20 [16339687] Ann N Y Acad Sci 1054(-):386-95 (2005)

2009 Iron overload thalassemic cardiomyopathy: iron status assessment and mechanisms of mechanical and electrical disturbance due to iron toxicity.

21 [19340344] Can J Cardiol 25(4):213-8 (2009)

2010 Alpha-thalassemia.

22 [20507641] Orphanet J Rare Dis 5(-):13 (2010)

2010 Beta-thalassemia.

23 [20492708] Orphanet J Rare Dis 5(-):11 (2010)

2010 Beta-thalassemia cardiomyopathy: history, present considerations, and future perspectives.

24 [20484195] Circ Heart Fail 3(3):451-8 (2010)

2008 The heart in transfusion dependent homozygous thalassaemia today--prediction, prevention and management.

25 [18081719] Eur J Haematol 80(2):93-106 (2008)

Acetylsalicylic acid Aspirin	Down s syndrome Fragile X syndrome Gabapentin Herpes simplex virus HOXA1 LRP5 LDL Receptor Related Protein5 Arrow MECP2 Neurofibromatosis Dickkopf1	Neuroligin3 NLGN3 Neuroligin4 NLGN4 NRXN1 Neurexin1 Osteoblasts Osteoporosis PCD (Multiple myeloma and other plasma cell dyscrasias) Phenylketonuria PTEN MMAC1 TEP1	Rett s syndrome Rubella SHANK3 Thalidomide Tuberous sclerosis Valproic acid Wnt beta Catenin TCF
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2003 A review of thalidomide's history and current dermatological applications.

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2010 New uses for older drugs: the tales of aspirin, thalidomide, and gabapentin.

8 [20511480] Mayo Clin Proc 85(6):508-11 (2010)

2007 Thalidomide therapy for the treatment of hypertrophic herpes simplex virus-related genitalis in HIV-infected individuals.

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2009 The role of Dickkopf-1 in bone development, homeostasis, and disease.

10 [18687985] Blood 113(3):517-25 (2009)

2003 Early changes in bone marrow morphology induced by thalidomide in refractory myeloma patients.

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2003 Thalidomide and its derivatives: emerging from the wilderness.

12 [12697909] Postgrad Med J 79(929):127-32 (2003)

2007 Thalidomide analogues as anticancer drugs.

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2009 Autistic phenotypes and genetic testing: state-of-the-art for the clinical geneticist.

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Thanatology			
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2007 The lethal phenotype of cancer: the molecular basis of death due to malignancy.

1 [17626119] CA Cancer J Clin 57(4):225-41 (2007)

2006 Medical theories on the cause of death in crucifixion.

2 [16574970] J R Soc Med 99(4):185-8 (2006)

Thanatophoric dwarfism			
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2009 Brain and bone abnormalities of thanatophoric dwarfism.

1 [19098178] AJR Am J Roentgenol 192(1):48-51 (2009)

2011 Thanatophoric dysplasia: a rare entity.

2 [22043415] Oman Med J 26(3):196-7 (2011)

THAP1

12653

THAP1

ATP1A3	GCH1	SGCE	THAP1
Disease classifications	PNKD1	SLC2A1	TOR1A
Dystonia	PRKAR1A	TAF1	

2009 **The monogenic primary dystonias.**
1 [19578124] *Brain* 132(Pt 8):2005-25 (2009)

A23187	Calpain Dithiothreitol ERS UFR (Induced Mediators)	Mitochondria (Permeability transition) PI3K PON2 Paraoxonase2 Thapsigargin	Tunicamycin
Bax Calcium (Endoplasmic reticulum) Calcium (Intracellular)	ERS UFR (Inducers experimental)		

1993 Thapsigargin: potent inhibitor of Ca²⁺ transport ATPases of endoplasmic and sarcoplasmic reticulum.

1 [8249487] Acta Biochim Pol 40(3):309-19 (1993)

2007 Dual effect of thapsigargin on cell death in porcine aortic smooth muscle cells.

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3 [18691157] Biochem J 416(3):395-405 (2008)

THE1 elements

12655

THE1 elements

Alu (Genetics)	Genetics (Transposon)	Meiosis	THE1 elements
Genetics (Non allelic homologous recombination)	LINE2 elements	Recombination hot spot	

2010 What drives recombination hotspots to repeat DNA in humans?

1 [20308096] Philos Trans R Soc Lond B Biol Sci 365(1544):1213-8 (2010)

Apicomplexan parasites Babesiosis	Cryptosporidia Eimeria spp	Neosporosis Theileria	Toxoplasmosis
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2004 **Toxoplasma gondii: the model apicomplexan.**
1 [15003501] Int J Parasitol 34(3):423-32 (2004)

Intravenous immunoglobulin	Theilers virus		
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2004 Theiler's virus infection: a model for multiple sclerosis.

1 [14726460] *Clin Microbiol Rev* 17(1):174-207 (2004)

1994 Promotion of remyelination by polyclonal immunoglobulin in Theiler's virus-induced demyelination and in multiple sclerosis.

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1999 Immune mechanisms of Theiler's virus-induced demyelination.

3 [10551258] *Exp Mol Med* 31(3):115-21 (1999)

Thelazia callipaeda

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Thelazia callipaeda

Thelazia callipaeda			
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2011 Two cases of human thelaziasis and brief review of Korean cases.

[1 \[22072826\] Korean J Parasitol 49\(3\):265-71 \(2011\)](#)

5 Aminosalicylate	Cocain	Opioid (BASKET)	Roflumilast ttPDE4
Alcohol	COPD	Organophosphorous compounds	ssRI
Amphetamines	Cyanide	Paracetamole	Theophylline
Barbiturate	Gamma hydroxybutyric acid	PDE phosphodiesterase	Toxicology (BASKET)
Benzodiazepine	Ibudilast	PDE3	
Beta adrenergic antagonists	Kidney (Contrast agents induced ARF)	PDE4	
Calcium antagonists	Lithium	Pesticides	
CO (Carbonic monoxide)	Methemoglobinemia	Phencyclidine	

1990 Theophylline in the management of airflow obstruction. 2. Difficult drugs to use, few clinical indications.

1 [2186834] BMJ 300(6729):929-31 (1990)

1990 Theophylline in the management of airflow obstruction. 1. Much evidence suggests that theophylline is valuable.

2 [2186833] BMJ 300(6729):928-9 (1990)

2003 Theophylline: new perspectives for an old drug.

3 [12623857] Am J Respir Crit Care Med 167(6):813-8 (2003)

1987 Theophylline and mucociliary clearance.

4 [3297526] Chest 92(1 Suppl):38S-43S (1987)

1987 The effects of theophylline on airway inflammation.

5 [3297525] Chest 92(1 Suppl):32S-37S (1987)

1987 Effect of theophylline on diaphragmatic muscle function.

6 [3297524] Chest 92(1 Suppl):27S-31S (1987)

1987 Favorable cardiovascular effects of theophylline in COPD.

7 [3297523] Chest 92(1 Suppl):22S-26S (1987)

1987 The role of theophylline in the treatment of dyspnea in COPD.

8 [3297522] Chest 92(1 Suppl):2S-6S (1987)

1987 Theophylline as a bronchodilator in COPD and its combination with inhaled beta-adrenergic drugs.

9 [2885156] Chest 92(1 Suppl):7S-14S (1987)

1987 The effect of theophylline and beta 2 agonists on airway reactivity.

10 [2885155] Chest 92(1 Suppl):15S-21S (1987)

1985 Update on the pharmacodynamics and pharmacokinetics of theophylline.

11 [3893922] Chest 88(2 Suppl):103S-111S (1985)

2002 Adenosine-receptor subtypes: their relevance to adenosine-mediated responses in asthma and chronic obstructive pulmonary disease.

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1995 Theophylline and selective phosphodiesterase inhibitors as anti-inflammatory drugs in the treatment of bronchial asthma.

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1995 Theophylline and selective PDE inhibitors as bronchodilators and smooth muscle relaxants.

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1994 Theophylline in the management of asthma: time for reappraisal?

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2003 Adult toxicology in critical care: Part II: specific poisonings.

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2009 Dual PDE3/4 inhibitors as therapeutic agents for chronic obstructive pulmonary disease.

17 [19508401] Br J Pharmacol 157(6):892-906 (2009)

2005 Theophylline for prevention of contrast-induced nephropathy: a systematic review and meta-analysis.

18 [15911721] Arch Intern Med 165(10):1087-93 (2005)

Anthropology	Theory of mind		
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2001 Consciousness.

1 [11408323] Brain 124(Pt 7):1263-89 (2001)

2009 Neural correlates of consciousness.

2 [20101806] Afr J Psychiatry (Johannesbg) 12(4):265-9 (2009)

2003 Tendon morphogenesis in the developing avian limb: plasticity of fetal tendon fibroblasts.

3 [12587930] J Anat 202(1):153-64 (2003)

2008 A natural history of the human mind: tracing evolutionary changes in brain and cognition.

4 [18380864] J Anat 212(4):426-54 (2008)

Therapeutic organisms			
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2008 Considerations in the development of live biotherapeutic products for clinical use.

1 [18525102] Curr Issues Mol Biol 10(1-2):13-6 (2008)

Therapeutic toxins**12662****Therapeutische Toxine**

Therapeutic toxins			
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2000 Targeted toxins.

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1996 Antibody-enzyme conjugates for cancer therapy.

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Thermodynamics			
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2006 Theory for non-equilibrium statistical mechanics.
1 [16883388] Phys Chem Chem Phys 8(31):3585-611 (2006)

Thermophilic organisms			
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2000 Thermophilic fungi: their physiology and enzymes.

1 [10974122] Microbiol Mol Biol Rev 64(3):461-88 (2000)

1973 Proteins from thermophilic microorganisms.

2 [4357018] Bacteriol Rev 37(3):320-42 (1973)

1969 Thermophilic blue-green algae and the thermal environment.

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2006 Decomposition of extremely hard-to-degrade animal proteins by thermophilic bacteria.

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Thermoregulation	TRPV4		
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- 2006 In vivo mechanisms of cutaneous vasodilation and vasoconstriction in humans during thermoregulatory challenges.**
1 [16614368] J Appl Physiol 100(5):1709-18 (2006)
- 2010 Mechanisms and modifiers of reflex induced cutaneous vasodilation and vasoconstriction in humans.**
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- 2006 Mechanisms for the control of respiratory evaporative heat loss in panting animals.**
3 [16675613] J Appl Physiol 101(2):664-8 (2006)
- 2006 Components and mechanisms of thermal hyperpnea.**
4 [16565352] J Appl Physiol 101(2):655-63 (2006)
- 2008 Central control of thermogenesis in mammals.**
5 [18469069] Exp Physiol 93(7):773-97 (2008)
- 2011 Central neural pathways for thermoregulation.**
6 [21196160] Front Biosci 16(-):74-104 (2011)
- 2006 Ionic channels and conductance-based models for hypothalamic neuronal thermosensitivity.**
7 [16690776] Am J Physiol Regul Integr Comp Physiol 291(3):R518-29 (2006)
- 2007 Effects of body temperature on neural activity in the hippocampus: regulation of resting membrane potentials by transient receptor potential vanilloid 4.**
8 [17301165] J Neurosci 27(7):1566-75 (2007)
- 2009 That warm fuzzy feeling: brain serotonergic neurons and the regulation of emotion.**
9 [19074539] J Psychopharmacol 23(4):392-400 (2009)

Autonomous nervous system (Afference cutaneous)	Ion channel (TRP Family)	ThermoTRP	
Autonomous nervous system (Afferents visceral)	Keratocyte	TRPV1	
Chemesthesia	Skin (Barrier)	TRPV3	
Iciliin ttTRPM8 ttTRPN1	Thermosensation	TRPV4	

2008 Molecular processes in biological thermosensation.

- 1 [20130806] *J Biophys* 2008(-):602870 (2008)
- 2 [17706410] *Curr Opin Neurobiol* 17(4):490-7 (2007)
- 2007 TRP Ion Channel Function in Sensory Transduction and Cellular Signaling Cascades**
- 3 [21204494] (): (2007)
- 2004 Thermosensitive transient receptor potential channels in vagal afferent neurons of the mouse.**
- 4 [14726308] *Am J Physiol Gastrointest Liver Physiol* 286(6):G983-91 (2004)
- 2007 Effects of skin surface temperature on epidermal permeability barrier homeostasis.**
- 5 [17068482] *J Invest Dermatol* 127(3):654-9 (2007)
- 2002 Heat-evoked activation of the ion channel, TRPV4.**
- 6 [12151520] *J Neurosci* 22(15):6408-14 (2002)
- 2009 TRPV3 in keratinocytes transmits temperature information to sensory neurons via ATP.**
- 7 [19669158] *Pflugers Arch* 458(6):1093-102 (2009)
- 2006 Evolution of thermoTRP ion channel homologs in vertebrates.**
- 8 [16926268] *Physiol Genomics* 27(3):219-30 (2006)
- 2005 Impaired thermosensation in mice lacking TRPV3, a heat and camphor sensor in the skin.**
- 9 [15746429] *Science* 307(5714):1468-72 (2005)
- 2005 TRPV channels as thermosensory receptors in epithelial cells.**
- 10 [15952037] *Pflugers Arch* 451(1):160-7 (2005)

Chemesthesis	Thermosensation	ThermoTRP	
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2007 From chills to chilis: mechanisms for thermosensation and chemesthesis via thermoTRPs.
1 [17706410] Curr Opin Neurobiol 17(4):490-7 (2007)

Thiamine (use as catalyst)

12668

Thiamin (als Katalysator)

Thiamine (use as catalyst)			
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2007 New perspectives on thiamine catalysis: from enzymic to biomimetic catalysis.

1 [17710108] *Bioinorg Chem Appl* -():23286 (2007)

2003 Thiamine. Monograph.

2 [12611562] *Altern Med Rev* 8(1):59-62 (2003)

Thiamine pyrophosphate

12669

Thiamin Pyrophysopat TPP

Adenosyl Cobalamin Enzyme structure and chemistry	FMN Flavin mononucleotide Riboswitch	S Adenosyl methionine Thiamine pyrophosphate	
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2008 Riboswitch effectors as protein enzyme cofactors.

1 [18430893] RNA 14(6):993-1002 (2008)

Adiponectin	Fatty acids (Biosynthesis)	Insulin (BASKET)	Nutrition (Neuroendocrinology)
AMP activated protein kinase	Fatty acids (oxidation)	Kidney (Drug Targets)	Thiazolidinediones
Antineoplastic agents (Novel target ideas)	Ghrelin	Leptin	Wnt beta Catenin TCF
beta oxidation	Glucocorticoids	Liver (Steatohepatosis)	
CNS (Stroke BASKET)	Gluconeogenesis	Metformin	
Diabetes mellitus (t Incretins)	Glycogen	Mitochondria (BASKET)	
Endocannabinoid	Glycolysis	Neuroprotective agents	

2009 Cardiovascular effects of thiazolidinediones: a review of the literature.

1 [19077768] *South Med J* 102(1):51-6 (2009)

2002 Thiazolidinediones: a review of their benefits and risks.

2 [12425507] *South Med J* 95(10):1188-94 (2002)

2008 Thiazolidinediones: effects on insulin resistance and the cardiovascular system.

3 [17906687] *Br J Pharmacol* 153(4):636-45 (2008)

2008 New drugs for the treatment of diabetes mellitus: part I: Thiazolidinediones and their evolving cardiovascular implications.

4 [18212301] *Circulation* 117(3):440-9 (2008)

2009 PPARgamma-independent antitumor effects of thiazolidinediones.

5 [18790559] *Cancer Lett* 276(2):119-24 (2009)

2011 The role of insulin-sensitizing agents in the treatment of nonalcoholic steatohepatitis.

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2011 Glitazones for human nonalcoholic steatohepatitis.

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2009 Peroxisome proliferator-activated receptor gamma agonists in kidney disease--future promise, present fears.

8 [19546582] *Nephron Clin Pract* 112(4):c230-41 (2009)

2010 Thiazolidinediones: a 2010 perspective.

9 [20844707] *Perm J* 14(3):64-72 (2010)

2011 Cellular and molecular effects of thiazolidinediones on bone cells: a review.

10 [22003436] *Int J Biochem Mol Biol* 2(3):240-6 (2011)

2010 Administration of thiazolidinediones for neuroprotection in ischemic stroke: a pre-clinical systematic review.

11 [20964688] *J Neurochem* 115(4):845-53 (2010)

2010 AMPK as a mediator of hormonal signalling.

12 [19625456] *J Mol Endocrinol* 44(2):87-97 (2010)

2007 Effects of thiazolidinediones on differentiation, proliferation, and apoptosis.

13 [17579114] *Mol Cancer Res* 5(6):523-30 (2007)

Baboon syndrome	Thimerosal		
CNS (Malformation)	Vaccination fatalities		

2008 Mercury levels in newborns and infants after receipt of thimerosal-containing vaccines.

1 [18245396] Pediatrics 121(2):e208-14 (2008)

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2 [15630018] Pediatrics 115(1):200 (2005)

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2001 An assessment of thimerosal use in childhood vaccines.

4 [11331700] Pediatrics 107(5):1147-54 (2001)

2002 Exposure to thimerosal in vaccines used in Canadian infant immunization programs, with respect to risk of neurodevelopmental disorders.

5 [12012653] Can Commun Dis Rep 28(9):69-80 (2002)

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CNS (Brain map)	Medial frontal cortex		
CNS (Electrode)	Thinking (Neurophysiology)		

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Thioesterase

12673

Thioesterase

Thioesterase			
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Amyloidosis	Histochemistry	Thioflavin T	
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2010 Molecular mechanism of Thioflavin-T binding to amyloid fibrils.

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Thioguanine

12675

Thioguanine

Leukemia (acute lymphoblastic)	Mercaptopurine	Thioguanine	
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2011 Meta-analysis of randomised trials comparing thiopurines in childhood acute lymphoblastic leukaemia.

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Thiopurine S methyltransferase			
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2010 Very important pharmacogene summary: thiopurine S-methyltransferase.

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**Thioredoxin binding protein2
vitamin D3 upregulated protein1**

12677

**Thioredoxin Binding Protein2
Vitamin D3 upregulated Protein1**

Ask1 Cell stress (ER stress) Mitochondria (Permeability transition)	Peroxiredoxin Thioredoxin binding protein2 vitamin D3 upregulated protein1 Thioredoxin	Thioredoxin2 TMX transmembrane thioredoxin related molecule Virus (BASKET)	
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2005 The thioredoxin system in retroviral infection and apoptosis.

1 [15818395] Cell Death Differ 12 Suppl 1(-):991-8 (2005)

Thioredoxin interacting protein**12678****Thioredoxin interacting protein**

Breast cancer metastasis suppressor1 CRSP3 KAI1	KISS1 MKK4 NDPK NM23	Neoplasia (Invasion and metastasis) RhoGDI RHOGDI2	Thioredoxin interacting protein
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2003 Metastasis suppressor genes: basic biology and potential clinical use.

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Thioredoxin reductase**12679****Thioredoxin Reduktase**

Enzyme structure and chemistry	Iodothyronine deiodinase	Thioredoxin reductase	
Glutathione peroxidase	Selen		

2009

Selenoproteins.

1

[18757362] J Biol Chem 284(2):723-7 (2009)

Arterial hypertension (BASKET)	EIF2AK3 PERK	Mitochondria (Permeability transition)	Thioredoxin2
Ask1	Ero1alpha	NADPH oxidase	TMX transmembrane thioredoxin related molecule
Autophagy	Ero1beta	NERF2	Txnip
Calreticulin	ERp44	P38MAPK	Virus (BASKET)
Cell stress (ER stress)	ERS UFR (Induced Mediators)	Peroxiredoxin	
Ceramide synthase6	Etoposide	Protein disulfide isomerase	
Ceramide	Glutaredoxin	Thioredoxin binding protein2 vitamin D3 upregulated protein1	
Dihydroceramide	JNK	Thioredoxin	

1999 The thioredoxin superfamily: redundancy, specificity, and gray-area genomics.

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2007 Thioredoxins, mitochondria, and hypertension.

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2009 Redox regulation of cell survival by the thioredoxin superfamily: an implication of redox gene therapy in the heart.

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2010 PERK-dependent regulation of ceramide synthase 6 and thioredoxin play a key role in mda-7/IL-24-induced killing of primary human glioblastoma multiforme cells.

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2008 Ceramide induces p38 MAPK and JNK activation through a mechanism involving a thioredoxin-interacting protein-mediated pathway.

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2011 The potential role of thioredoxin 1 and CD30 systems as multiple pathway targets and biomarkers in tumor therapy.

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2005 Thioredoxin - structural and functional complexity.

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Thioredoxin2**12681****Thioredoxin2**

Ask1 Cell stress (ER stress) Mitochondria (Permeability transition)	Peroxiredoxin Thioredoxin binding protein2 vitamin D3 upregulated protein1 Thioredoxin	Thioredoxin2 TMX transmembrane thioredoxin related molecule Virus (BASKET)	
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2005 The thioredoxin system in retroviral infection and apoptosis.

1 [15818395] Cell Death Differ 12 Suppl 1(-):991-8 (2005)

Nicotine	Thirdhand smoke		
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2011 Thirdhand tobacco smoke: emerging evidence and arguments for a multidisciplinary research agenda.

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Hunger (Sensation)	Thirst		
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2010 Hunger and thirst: issues in measurement and prediction of eating and drinking.

1 [20060847] *Physiol Behav* 100(1):22-32 (2010)

2008 Relationships between human thirst, hunger, drinking, and feeding.

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Thoracic inlet veins (Sonography)

12684

**Obere Einflussvenen
(Sonographie)**

Thoracic inlet veins (Sonography)			
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1995 Color Doppler sonography of the thoracic inlet veins.
1 [8577962] Radiographics 15(6):1357-71 (1995)

Occupational medicine	Thoracic outlet syndrome		
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1983 Thoracic outlet syndrome.

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2007 Diagnosis of thoracic outlet syndrome.

2 [17826254] J Vasc Surg 46(3):601-4 (2007)

1994 Neurogenic thoracic outlet syndromes.

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2006 Imaging assessment of thoracic outlet syndrome.

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2005 Thoracic outlet syndrome.

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2007 Conservative treatment of thoracic outlet syndrome. A review of the literature.

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Thoracolithiasis			
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2006 Surgically removed thoracolithiasis: report of two cases.

1 [16977300] Ann Thorac Cardiovasc Surg 12(4):279-82 (2006)

Thorax (Anatomy)			
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2002 Multi-detector row and volume-rendered CT of the normal and accessory flow pathways of the thoracic systemic and pulmonary veins.
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Thorax (Biopsy)			
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1989 Percutaneous transthoracic needle aspiration: a review.

1 [2644771] AJR Am J Roentgenol 152(3):451-5 (1989)

2005 Endoscopic ultrasound-guided biopsy in the chest: little to lose, much to gain.

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Aids	Lung and bronchial system (Neoplasia)	Pulmonary embolism	Thorax (Pain)
Ductus thoracicus	Lymph node (Imaging)	Thorax (CT)	
Heart (Inherited and congenital diseases)	Lymph node (Metastasis and sentinel)	Thorax (Malformation)	
Hemoptysis	Lymphatic system (Anatomy)	Thorax (MRT)	

- 2006 Diagnosis of pulmonary embolism with CT pulmonary angiography: a systematic review.**
 1 [16498151] *Emerg Med J* 23(3):172-8 (2006)
- 2001 Thoracic CT for the intensivist.**
 2 [16573514] *Crit Care Resusc* 3(4):250-8 (2001)
- 2006 The clinical effectiveness and cost-effectiveness of computed tomography screening for lung cancer: systematic reviews.**
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- 2007 CT screening for lung cancer: are we ready for wide-scale application?**
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- 1989 Computed tomography of the pulmonary parenchyma. An overview.**
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- 2005 Computed tomographic imaging of the airways: relationship to structure and function.**
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- 2006 CT of thoracic lymph nodes. Part II: diseases and pitfalls.**
 7 [16641412] *Br J Radiol* 79(948):999-1000 (2006)
- 2006 CT of thoracic lymph nodes. Part I: anatomy and drainage.**
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- 2006 Normal CT appearance of the distal thoracic duct.**
 10 [17114559] *AJR Am J Roentgenol* 187(6):1615-20 (2006)
- 2007 Role of MDCT in identification of the bleeding site and the vessels causing hemoptysis.**
 11 [17242216] *AJR Am J Roentgenol* 188(2):W117-25 (2007)
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 12 [17056911] *AJR Am J Roentgenol* 187(5):1240-7 (2006)
- 2005 Primary interpretation of thoracic MDCT images using coronal reformations.**
 13 [16304004] *AJR Am J Roentgenol* 185(6):1500-8 (2005)
- 2005 Isolated diffuse ground-glass opacity in thoracic CT: causes and clinical presentations.**
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- 2005 Diffuse high-attenuation pulmonary abnormalities: a pattern-oriented diagnostic approach on high-resolution CT.**
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- 1997 Ground-glass opacity at CT: the ABCs.**
 16 [9242736] *AJR Am J Roentgenol* 169(2):355-67 (1997)
- 1991 Clinical value of high-resolution CT in chronic diffuse lung disease.**
 17 [1950859] *AJR Am J Roentgenol* 157(6):1163-70 (1991)
- 1982 Effectiveness of CT in evaluating intrathoracic masses.**
 18 [6981308] *AJR Am J Roentgenol* 139(3):469-75 (1982)
- 2007 Nodular ground-glass opacity at thin-section CT: histologic correlation and evaluation of change at follow-up.**
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- 2000 Thoracic manifestations of systemic autoimmune diseases: radiographic and high-resolution CT findings.**
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- 1994 CT and MR imaging evaluation of chest wall disorders.**
 21 [8066273] *Radiographics* 14(3):571-95 (1994)
- 1989 Diseases of the chest in AIDS: CT diagnosis.**
 22 [2678294] *Radiographics* 9(5):827-57 (1989)
- 1986 Concepts in computed tomography of the thorax.**
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- 2010 Responsible use of computed tomography in the evaluation of coronary artery disease and chest pain.**
 24 [20360294] *Mayo Clin Proc* 85(4):358-64 (2010)
- 2007 Chest pain in the emergency department: role of multidetector CT.**
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Thorax (Drainage)			
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2000 The use of chest drains.

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2003 BTS guidelines for the insertion of a chest drain.

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Chest wall (Neoplasia) Doege Potter s syndrome	Heart pacemaker (BASKET) Thorax (Imaging)		
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1993 ABC of emergency radiology. Chest radiographs--II.

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2009 Radiologic signs in thoracic imaging: case-based review and self-assessment module.

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2008 Digital chest radiography: an update on modern technology, dose containment and control of image quality.

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Heart (Inherited and congenital diseases)	Thorax (CT)	Thorax (Malformation)	
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2011 Congenital thoracic arterial anomalies in adults: a CT overview.

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Sternum (MRT)	Thorax (CT)	Thorax (MRT)	
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- 1998 Magnetic resonance (MR) imaging of the chest: state-of-the-art.**
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- 1994 CT and MR imaging evaluation of chest wall disorders.**
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- 2002 Pictorial review: MRI of the sternum and sternoclavicular joints.**
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Soft tissues (Neoplasia)	Thorax (Neoplasia)	Thorax (Sonography)	
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2007 Soft tissue tumours and mass-like lesions of the chest wall: a pictorial review of CT and MR findings.

1 [16728417] Br J Radiol 80(955):574-80 (2007)

2003 Chest wall tumors: radiologic findings and pathologic correlation: part 2. Malignant tumors.

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2002 Fat-containing lesions of the chest.

4 [12376601] Radiographics 22 Spec No(-):S61-78 (2002)

2002 Primary thoracic sarcomas.

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2010 Subpleural lung tumors ultrasonography.

6 [21165459] Med Ultrason 12(1):81-7 (2010)

Endothelial dysfunction Esophagus (Diseases)	Heart (Coronary heart disease BASKET) Pulmonary hypertension	Thorax (CT) Thorax (Pain)	Troponin
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2004 Chest pain in patients with cardiac and noncardiac disease.

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2001 Emergency management of cardiac chest pain: a review.

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2005 Investigation and management of chest pain.

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2007 Neurological mechanisms of chest pain and cardiac disease.

12 [17455540] Cleve Clin J Med 74 Suppl 1(-):S30-3 (2007)

2010 Responsible use of computed tomography in the evaluation of coronary artery disease and chest pain.

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2010 Emergency department and office-based evaluation of patients with chest pain.

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2007 Chest pain in the emergency department: role of multidetector CT.

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2009 Persistent chest pain and no obstructive coronary artery disease.

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2004 Chest pain of esophageal origin.

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2007 Approach to managing undiagnosed chest pain: could gastroesophageal reflux disease be the cause?

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Thorax (PET)			
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1995 Pulmonary studies using positron emission tomography.

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1998 Thoracic FDG PET: state of the art.

2 [9460106] Radiographics 18(1):5-20 (1998)

Lung (Pneumothorax)	Thorax (Neoplasia)	Thorax (Sonography)	
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2005 Best evidence topic report. Transthoracic ultrasonography to diagnose pneumothorax in trauma.

1 [15983087] *Emerg Med J* 22(7):504-5 (2005)

2002 Real-time chest ultrasonography: a comprehensive review for the pulmonologist.

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2007 Clinical review: Bedside lung ultrasound in critical care practice.

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2010 Subpleural lung tumors ultrasonography.

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2010 Emerging roles for transthoracic ultrasonography in pleuropulmonary pathology.

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2010 Should lung ultrasonography be more widely used in the assessment of acute respiratory disease?

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2011 Lung ultrasound: a new tool for the cardiologist.

9 [21352576] *Cardiovasc Ultrasound* 9(-):6 (2011)

Pain medicine (BASKET)	Thorax (Thoracotomy)		
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2008 Emergency thoracotomy.

1 [18976332] Acad Emerg Med 15(12):1321 (2008)

2009 Ministernotomy approach for surgery of the aortic root and ascending aorta.

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Thorax (Traumatology)			
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- 1990 ABC of major trauma. Thoracic trauma--I.**
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4 [15145008] Eur J Cardiothorac Surg 25(6):1048-53 (2004)
- 1997 Diagnostic and therapeutic video assisted thoracic surgery (VATS) following chest trauma.**
5 [9332911] Eur J Cardiothorac Surg 12(3):356-60 (1997)
- 1992 Blunt chest injuries in 1696 patients.**
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- 2008 Multidetector CT of blunt thoracic trauma.**
7 [18936021] Radiographics 28(6):1555-70 (2008)
- 2008 CT features of esophageal emergencies.**
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- 2004 Vascular emergencies of the thorax after blunt and iatrogenic trauma: multi-detector row CT and three-dimensional imaging.**
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- 1998 CT in blunt chest trauma: indications and limitations.**
11 [9747608] Radiographics 18(5):1071-84 (1998)
- 2009 Chest radiography in thoracic polytrauma.**
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- 2011 Guidelines for the diagnosis and treatment of thoracic traumatism.**
13 [21190767] Arch Bronconeumol 47(1):41-9 (2011)
- 2002 Penetrating injuries of the chest: indications for operation.**
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- 2002 Advances in the management of thoracic vascular injury.**
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- 2007 Emergency thoracotomy in trauma: rationale, risks, and realities.**
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Lung (Pneumothorax) Lung and bronchial system (Neoplasia)	Natural orifice surgery Pleura (Effusion)	Thorax (Video assisted thoracoscopy)	
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2006 Video-assisted thoracic surgery--the past, present status and the future.

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Thottapalayam virus

12703

Thottapalayam Virus

Thottapalayam virus			
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THOX2

12704

THOX2

DEHAL	TAAR1	Thyronamines	
MCT8	THOX2	Thyroxine	

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THP1

12705

THP1

CDC31	SAC3	THP1	
Nucleus (pore)	SUS1		

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ThPOK

12706

ThPOK

ThPOK			
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Threohydroxyaspartate

12707

Threohydroxyaspartate

Amyotrophic lateral sclerosis	ERS UFR (Diseases)		
Epilepsy (Excitotoxicity)	Threohydroxyaspartate		

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Thrichothecene

12708

Thrichothecene

Thrichothecene			
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Thrifty phenotype

12709

Thrifty phenotype

Developmental origin of disease	Thrifty phenotype		
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Blood vessels (Permeability)	Factor XIII (Coagulation)	PAR	
D Dimers	Fibrinogen	Plasmin	
Endothelium	Nitric oxide synthetase iNOS eNOS	Thrombin	

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Thromboangiitis obliterans

12711

Thromboangiitis obliterans

Thromboangiitis obliterans			
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**Thrombocytopenia with absent
radii**

12712

**Thrombocytopenia with absent
radii**

Congenital amegakaryocytic thrombocytopenia	Platelets (Inherited diseases)	Thrombocytopenia with absent radii	
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Thrombohemorrhagic syndrome

12713

**Thrombohemorrhagisches
Syndrom**

Thrombohemorrhagic syndrome			
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CNS (Intracerebral bleeding)	Thrombolysis		
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Arterial hypertension (BASKET)	Hemoglobinopathy JAK2V617F	Pregnancy (Diseases) Protein C Protein S RAAS (Renin angiotensin system)	Thrombophilia Thrombosis (BASKET)
Blood coagulation	PCD (Multiple myeloma and other plasma cell dyscrasias)		
CNS (Stroke BASKET)			
Cushing's syndrome	Placenta (BASKET)		

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Eltrombopag ttcMPL Heart (Coronary heart disease BASKET)	JAK2V617F Platelets (Thrombopoietic drugs)	Receptor (Thrombopoietin) Romiplostim	Thrombopoietin
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Thrombosis (Arterial)			
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Anticoagulants	Fibronectin	Platelets (BASKET)	Thrombosis (Postthrombotic syndrome)
Antiphospholipid syndrome	Galectin	Pregnancy (Diseases)	Thrombosis (Prophylaxis)
Atherosclerosis (BASKET)	Homocysteine	PROS1	Thrombosis (Thrombophlebitis)
Atherosclerosis (peripheral vessels)	Leg (Sonography)	Protein Z	Tissue factor
Autoantibodies Anti Phospholipid Anti Cardiolipin Anti beta 2 GP	Lipoprotein (HDL)	Pulmonary embolism	Vena cava (Diseases)
Blood coagulation	MTHFR	Radiopharmacology	
Blood vessels (Vascular access)	Nanomedicine	Statin	
CD36 FAT fatty acid translocase	Neoplasia (Cancer survivor)	Thrombophilia	
D Dimers	P selectin	Thrombosis (BASKET)	

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**Thrombosis (Impending
paradoxical embolism)**

12721

**Thrombose (Impending
paradoxical embolism)**

Pulmonary embolism	Thrombosis (Impending paradoxical embolism)		
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Thrombosis (BASKET)	Thrombosis (Postthrombotic syndrome)		
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Essential thrombocythemia PCD (Multiple myeloma and other plasma cell dyscrasias) Polycythemia vera	Pulmonary embolism Rivaroxaban Statin	Thrombosis (BASKET) Thrombosis (Prophylaxis)	
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Thrombosis (BASKET)	Thrombosis (Thrombophlebitis)		
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Thrombosis (Vena subclavia)

12725

Thrombose (Vena subclavia)

Thrombosis (Vena subclavia)			
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Adherens junction	CD36 FAT fatty acid translocase	Lipoprotein (OxLDL)	Thrombospondin
Amyloidosis	CD47	Malaria	
Angiogenesis	Efferocytosis	Nitric oxide NO	
Blood vessels (Permeability)	FGF2	SPARC	
Blood vessels (Physiology)	Fibrosis	Tenascin	

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Hemolytic uremic syndrome	Thrombotic thrombocytopenic purpura		

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Clopidogrel	Pancreatitis (acute)	Thrombotic thrombocytopenic purpura	

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Blood vessels (Physiology) BM531	BM573 Ifetroban	Picotamide Thromboxane	
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Throphinin

12730

Throphinin

Bystin Implantation (Development)	Neoplasia (Tumor biology and immunology) Tastin	Throphinin	
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THTR1

12731

THTR1

Alcohol	THTR2	Vitamin B1	
THTR1	Transporter (Vitamine B1)		

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THTR2

12732

THTR2

Alcohol	THTR2 Transporter (Vitamine B1)	Vitamin B1	
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Thumb (triphalangeal)

12734

Daumen (dreigliedrig)

Thumb (triphalangeal)			
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Reversible cerebral vasoconstriction syndromes	Thunderclap headaches		
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**Thygeson superficial punctate
keratitis**

12736

**Thygeson Superficial Punctate
Keratitis**

Thygeson superficial punctate keratitis			
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Angiogenesis	Thymidine phosphorylase		
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Thymidine

12739

Thymidin

Thymidine			
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Thymidylate synthase**12740****Thymidylat Synthase**

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Raltitrexed	ZD9331		

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Thymopharyngeal duct cyst

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Thymopharyngeal Duct Cyst

Thymopharyngeal duct cyst			
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Natural products	Nephroprotective renoprotective agents	Thymoquinone	
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Thymosin alpha1

12743

Thymosin alpha1

Hepatitis B	Thymosin alpha1		
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Angiogenesis	Thymosin beta4		
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AIRE (Immunology)	P selectin	T cell (BASKET)	Tolerance (Immunology)
Glucocorticoids	Sphingosine1 phosphate	T cell receptor	
Immune reconstitution	SRG3	Thymus (BASKET)	

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Myasthenia gravis	Thymus (Ectomy)		
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Thymus (Imaging)	Thymus (Neoplasia)		
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Microscopic thymoma	Thymus (Neoplasia Thymoma)	Thymus (Neoplasia)	
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Autoantibodies Anti Caspr2 Neoplasia (Paraneoplastic syndromes)	Thymus (Imaging) Thymus (Neoplasia Thymoma)	Thymus (Neoplasia)	
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12752

Thymus (PET)

Thymus (PET)			
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Thymus leukemia antigen TL

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Thymus Leukemia Antigen TL

HLA and MHC	Thymus leukemia antigen TL		
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Thyphus

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Thyphus

Paratyphus	Thyphus		
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developmental field defect)**

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Thyocardiac Disease (Assoziation)

Thyocardiac disease (Association developmental field defect)			
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Thyroglossuszyste

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FOXE1 FKHL15 TTF2 NKX2 1	Thyroid (Development) Thyroid (Hypothyreosis)		
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Graves disease	Pregnancy (Diseases)	Thyroid (Hyperthyreosis)	
Interferon alpha (Therapeutic use)	Receptor (TSH)		

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Radioiodine therapy	Thyroid (Diseases)	Thyroid (Hypothyreosis)	

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ADH AVP Vasopressin	Iodine	NKX2 1	Thyroid (Hyperthyreosis)
AQP2	Kidney (Physiology)	Nonthyroidal illness syndrome	Thyroid (Hypothyreosis)
Dementia (BASKET)	Kidney (Principal cells)	Oxytocin	Thyroxine
FOXE1 FKHL15 TTF2	Liver (Cirrhosis)	Pregnancy (Diseases)	TRH
Glucocorticoids	Mineralocorticoids	Sodium (Hyponatraemia)	
Heart failure (BASKET)	NIS	Thyroid (Development)	

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Thyroid (Malformation)

12765

Schilddrüse (Fehlbildung)

Thyroid (Malformation)			
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12766

Schilddrüse (Metastase)

Thyroid (Metastasis)			
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Thyroid (MRT)

12767

Schilddrüse (MRT)

Parathyroid gland (MRT)	Thyroid (MRT)		
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Thyroid (Neoplasia Anaplastic thyroid cancer)

12768

Schilddruese (Neubildung Anaplastic thyroid cancer)

Thyroid (Neoplasia Anaplastic thyroid cancer)	Thyroid (Neoplasia)		
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MEN2	Rb retinoblastoma gene	Thyroid (Neoplasia)	
MEN2B	RET	Thyroid (Neoplasm Papillary thyroid carcinoma)	
Personalized medicine	Thyroid (Neoplasia medullary thyroid cancer)	Tyrosine kinase (Inhibitors)	

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Axitinib	Motesanib	Radioiodine therapy	Thyroid (Neoplasia medullary thyroid cancer)
Bayesian statistics	Neoplasia (Fusion oncogenes)	Receptor (Thyroxine)	Thyroid (Neoplasia)
BRAF	Neoplasia (Inherited)	RET	Thyroid (Sonography)
Calcitonin	Ontology	Salivary gland (Neoplasia)	
FOXE1 FKH15 TTF2	ORL (Neck dissection)	Sorafenib	Transporter (Sodium and iodine)
Interleukin24 MDA7	Pazopanib	Spindle epithelial tumor with thymus like element (SETTLE)	TSH
MEN2	PBF PTTG1IP	Stem cell (Neoplasia)	Vadetanib
MEN2B	Radiation damage and control	Thyroid (Neoplasia Anaplastic thyroid cancer)	XL184

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Thyroid (Neoplasm Papillary thyroid carcinoma)

12772

Schilddrüse (Neubildung Papillaeres Schilddrüsenkarzinom)

BRAF	ORL (Neck dissection)	SERPINA1	Thyroid (Neoplasm Papillary thyroid carcinoma)
MEN2	RET	Thyroid (Neoplasia medullary thyroid cancer)	

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NIS	SLC26A4 Pendrin	Thyroid (Physiology)	
Pendred s syndrome	Thyreoglobulin	Transporter (Sodium and iodine)	

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Autoantibodies ANA Autoimmune hypophysitis	Pregnancy (Diseases) Thyroid (Thyreoiditis)		
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Amiodarone	Heart (Atrial fibrillation)	Thyroid (Thyreotoxicosis)	
Esmolol	Hypokalemic periodic paralysis		

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MCT8	THOX2	Thyroxine	

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Thyroxine (Isolated Maternal Hypothyroxinemia)

12781

Thyroxin (Isolated Maternal Hypothyroxinemia)

Pregnancy (Diseases)	Thyroxine (Isolated Maternal Hypothyroxinemia)		
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3,5 diiodothyronine T2	DIO2	Mitochondria (BASKET)	THOX2
CNS (Development)	Heart (Hypertrophy)	Receptor (Thyroxine)	Thyroid (Hypothyreosis)
DEHAL	Iodothyronine deiodinase	TAAR1	Thyronamines
Deiodinase	KB141	Teratogenesis	Thyroxine
DIO1	MCT8	Testis (Development)	

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Optics and waves Structure det. tissue level to single molecule localization	Structure determination at molecular level and finer THz imaging terahertz		
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12785

Tianeptin

Tianeptine

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Tiarin

12786

Tiarin

CNS (Development)	Tiarin		
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Tibia (Malformation)

12787

Tibia (Fehlbildung)

Tibia (Malformation)			
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Tibia vara

12789

Tibia Vara

Tibia vara			
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Tibolone

12790

Tibolon

Tibolone			
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Tic			
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AJW200	Elinogrel	Platelets (Therapeutic inhibitors)	Von Willebrand s factor
ALX 0081	Heart (Coronary heart disease BASKET)	Prasugrel	
ARC1779	P2Y	Terutroban	
Cangrelor	P2Y12	Ticagrelor	
Clopidogrel	PAR1	Ticlopidine	

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Clopidogrel	Prasugrel	Ticlopidine	

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Tie2**12795****Tie2**

ACVRLK1	FOXC2	NDP	Tie2
AGGF1 VG5Q	Glomulin	NEMO	TIMP3
Angiogenesis	Klippel Trenaunay syndrome	NOTCH3	VEGFR3
Angiopoietin2	KRIT1	PDCD10	
Blood vessels (Malformation)	Macrophages	PTEN MMAC1 TEP1	
COL3A1	MADH4	RASA1	
ENG	MGC4607	SOX18	

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TIF1alpha

12797

TIF1alpha

Calb1	Cyp24a1	Spp1	
Calcification	Pthlh	TIF1alpha	
Car2	Receptor (Vitamin D)	TRPV5	
CASR	S100g	TRPV6	

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Tifagonine

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Tifagonin

Tifagonine

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TIG1

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TIG1

TIG1

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Acinetobacter baumannii	Tigecycline		
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Adherens junction	Epithelium (BASKET)	Nup88	ZO1
Blood vessels (Permeability)	Epithelium (Transport)	Osmosensor	ZO2
Claudin	Inflammation (BASKET)	Rho kinase	
Claudin4	Kidney (Anatomy)	Sphingosine1 phosphate	
Claudin5	Kidney (Tubulus IMCD)	Tight junction	
CNS (Blood brain barrier)	MUPP1	TRPV4	

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Tilmicosin

12802

Tilmicosin

Antiinflammatory compounds	Neutrophils	Tilmicosin	
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Chronic fatigue syndrome	Syncope	Tilt table	
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Efferocytosis	TIM protein family	TIM3	
Phosphatidylserine	TIM1	TIM4	

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2010 TIM genes: a family of cell surface phosphatidylserine receptors that regulate innate and adaptive immunity.

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2010 T cell Ig and mucin domain proteins and immunity.

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TIM1

12805

TIM1

ADAM33	GPRA	PHF11	TIM3
Allergology (BASKET)	OPN3	Phosphatidylserine	TIM4
DPP10	ORMDL3	TIM protein family	
Efferocytosis	PDE4D	TIM1	

2010 TIM genes: a family of cell surface phosphatidylserine receptors that regulate innate and adaptive immunity.

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TIM3

12806

TIM3

Efferocytosis	TIM protein family	TIM3	
Phosphatidylserine	TIM1	TIM4	

2010 TIM genes: a family of cell surface phosphatidylserine receptors that regulate innate and adaptive immunity.

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2008 TIM-1 and TIM-3 proteins in immune regulation.

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TIM4

12807

TIM4

Efferocytosis Phosphatidylserine	TIM protein family TIM1	TIM3 TIM4	
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2010 TIM genes: a family of cell surface phosphatidylserine receptors that regulate innate and adaptive immunity.

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Time (Neurophysiology)			
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2008 **Human time perception and its illusions.**
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Timothy s syndrome

12809

Timothy Syndrom

Cav1 1	CSNB2 incomplete congenital stationary night blindness	Malignant hyperthermia	
Cav1 3		Timothy s syndrome	
Cav1 4	Hypokaliemic periodic paralysis Ion channel (Calcium)		

2010 Channelopathies in Cav1.1, Cav1.3, and Cav1.4 voltage-gated L-type Ca2+ channels.

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Matrix metalloproteinase	TIMP		
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TIMP1

12811

TIMP1

alpha2 Macroglobulin Apolipoprotein AI Bilirubin	Collagen3 NTPropeptide Gamma Glutamyltransferase Haptoglobin	Hyaluronic acid Liver (Elastography) Liver (Fibrosis)	TIMP1
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2010 Comparison of ELF, FibroTest and FibroScan for the non-invasive assessment of liver fibrosis.

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TIMP2

12812

TIMP2

Angiogenesis	TIMP2		
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2008 The tumor microenvironment: regulation by MMP-independent effects of tissue inhibitor of metalloproteinases-2.

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TIMP3

12813

TIMP3

ACVRLK1	FOXC2	NDP	SOX18
AGGF1 VG5Q	Glomulin	NEMO	Tie2
Angiogenesis	Klippel Trenaunay syndrome	NOTCH3	TIMP3
Blood vessels (Malformation)	KRIT1	PDCD10	VEGFR3
COL3A1	MADH4	PTEN MMAC1 TEP1	
ENG	MGC4607	RASA1	

2005 Biomedicine and diseases: the Klippel-Trenaunay syndrome, vascular anomalies and vascular morphogenesis.

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Endocrine disruptor	Tin (Organometallic compounds)		
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2011 Triorganotin as a compound with potential reproductive toxicity in mammals.

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2008 Endocrine disruption induced by organotin compounds; organotins function as a powerful agonist for nuclear receptors rather than an aromatase inhibitor.

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TIN2

12815

TIN2

Dyskeratosis congenita Dyskerin NHP2	NOP10 Shelterin Telomerase	Telomere TERC TERT	TIN2
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2009 Dyskeratosis congenita, stem cells and telomeres.

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Tinea capitis			
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randomized, clinical trials.
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TINF2

12817

TINF2

Dyskeratosis congenita Dyskerin	Shelterin Telomerase	TERC TERT	TINF2
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2011 Differences in disease severity but similar telomere lengths in genetic subgroups of patients with telomerase and shelterin mutations.

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Chiari malformation	Superior semicircular canal dehiscence	Tinnitus	
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1 [16204446] *Psychosom Med* 67(5):833-8 (2005)
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- 2007 A critical analysis of tinnitus measuring methods.**
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Tiotropium			
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TIP47

12820

TIP47

Adipophilin	OXPAT	S3 12	
ADRP	PAT protein family	TIP47	
Lipid droplets	Perilipin		

2009 PAT proteins, an ancient family of lipid droplet proteins that regulate cellular lipid stores.

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Tip49alpha RuvB like1

12821

Tip49alpha RuvB like1

Cell stress (BASKET)	NF90	Protein kinase R	Tip49beta RuvB like2
DNA (Repair and Toxicology)	Protein (ptm O GlcNAc)	Tip49alpha RuvB like1	

2011 The dynamic stress-induced "O-GlcNAc-ome" highlights functions for O-GlcNAc in regulating DNA damage/repair and other cellular pathways.

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2009 RVB1/RVB2: running rings around molecular biology.

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Cell stress (BASKET)	NF90	Protein kinase R	Tip49beta RuvB like2
DNA (Repair and Toxicology)	Protein (ptm O GlcNAc)	Tip49alpha RuvB like1	

2011 The dynamic stress-induced "O-GlcNAc-ome" highlights functions for O-GlcNAc in regulating DNA damage/repair and other cellular pathways.

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TIP60

12823

TIP60

AICD (APP) Amyloid precursor protein	ATM DNA (Repair and Toxicology)	Fe65 MRN Complex	TIP60
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2008 A putative role of the Amyloid Precursor Protein Intracellular Domain (AICD) in transcription.

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Amonafide AS1413 ttIntercalator	BehenoylaraC ttProdrugAraC	KSP Kinesin spindle protein	Terameprocol ttSurvivin ttCDK1
ARRY520 ttKSP	Bortezomib ttProteasom	Leukemia (acute myeloid)	Tipifarnib
Azacitidine	Clofarabine	Ribavirin	Voreloxin ttIntercalator
AZD1152 ttAuroraB	Decitabine	Sapacitabine	Vorinostat ttHDAC
AZD6244 ttMEK	Elacytarabine	Sorafenib	

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2006 Tipifarnib and bortezomib are synergistic and overcome cell adhesion-mediated drug resistance in multiple myeloma and acute myeloid leukemia.

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Aids	Tipranavir		
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2007 Tipranavir: a new option for the treatment of drug-resistant HIV infection.

1 [17712762] Clin Infect Dis 45(6):761-9 (2007)

2010 Role of tipranavir in treatment of patients with multidrug-resistant HIV.

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TIR protein domain**12826****TIR Proteindomaene**

CARD protein family	MDA5	Nod2	TIR protein domain
Innate immunity	Nalps	PYRIN protein domain	Toll like receptor
IpaF	Nod1	RIG I	

2006 TIR, CARD and PYRIN: three domains for an antimicrobial triad.

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Tirapazamine

12827

Tirapazamin

Tirapazamine			
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CNS (Stroke BASKET)	Tirilazad		
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1996 A randomized trial of tirilazad mesylate in patients with acute stroke (RANTTAS). The RANTTAS Investigators.

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TIS11 protein family

12829

TIS11 Proteinfamilie

ARE (mRNA)	RNA (nRNA BASKET)	TIS11 protein family	
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2009 TIS11 family proteins and their roles in posttranscriptional gene regulation.

1 [19672455] J Biomed Biotechnol 2009(-):634520 (2009)

Eosinophils	Morphogenesis (Development)	Regeneration of tissues and other biologic structures	Stroma
Epithelium (BASKET)	Neoplasia (Tumor biology and immunology)	Signal transduction	Tissue (Cell Biology)
Fibroblast	P53	Steroid hormones (BASKET)	

- 2007 Three-dimensional microenvironments modulate fibroblast signaling responses.**
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- 2007 Polymers to direct cell fate by controlling the microenvironment.**
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Tissue doppler imaging			
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2000 Tissue Doppler imaging: current and potential clinical applications.

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1996 Tissue Doppler echocardiography.

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Anticoagulants	Factor VII (Coagulation)	Protein disulfide isomerase	Tissue factor
Antiphospholipid syndrome	Factor X (Coagulation)	Receptor (Protein C)	
Cell Secretion (Exosomes)	Neoplasia (Tumor biology and immunology)	TFPI	
Disseminated intravascularcoagulation	PAR2	Thrombosis (BASKET)	

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2009 Tissue factor and PAR2 signaling in the tumor microenvironment.

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2010 Tissue factor and thrombosis: The clot starts here.

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2006 The molecular perspective: tissue factor.

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2010 Role of PDI in regulating tissue factor: FVIIa activity.

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Factor VIIa interaction with tissue factor and endothelial cell protein C receptor on cell surfaces.

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Tissue perfusion

12833

Gewebeperfusion

Tissue perfusion			
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CNS (Stroke BASKET)	Tissue plasminogen activator		
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Alzheimer s disease	Huntington s disease	Transglutaminase	
Autophagy	Tissue transglutaminase	TRPV5	

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Nanomedicine	Titanium dioxide TiO ₂		
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Titanium tetrafluoride	Tooth (Caries)		
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Mechanotransduction	Titin kinase		
Myosin light chain kinase	Titin		

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Heart (Physiology)	Myosin binding proteinC	Palladin	Troponin
Mechanotransduction	Myosin light chain kinase	Titin kinase	
Myopalladin	Myotilin	Titin	

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Tivantinib ARQ 197 ttHGF

12840

Tivantinib ARQ 197 ttHGF

MetMAb ttHGF	Rilotumumab ttHGF	Tivantinib ARQ 197 ttHGF	
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Tivozanib

12841

Tivozanib ttVEGF

Axitinib	Tivozanib	VEGF	
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TL1A

12842

TL1A

AXL	CD27	MER	
CD134	CD70	TL1A	
CD137	Death receptor3	TYRO3	

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TLR2

12843

TLR2

Apoptosis	CD36 FAT fatty acid translocase	Lipoprotein (OxLDL)	TLR2
Atherosclerosis (BASKET)	Fatty acids (saturated)	Lipoprotein a	TLR4
Biliary system (Cholestasis BASKET)	Ischemia reperfusion	Macrophages	

2010 Endogenous ligands of TLR2 and TLR4: agonists or assistants?

1 [20179153] J Leukoc Biol 87(6):989-99 (2010)

2010 TLR2 and TLR4 in ischemia reperfusion injury.

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TLR3

12844

TLR3

AIM2	Dendritic cell (Myeloid)	RIG I	TLR8
Cri du Chat syndrome	MDA5	RNA (dsRNA)	TLR9
Crigler Najjar syndrome	NLRP3	TLR3	Vaccine (BASKET)
DAI ZBP1	P202	TLR7	

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2010 Nucleic acid sensing receptors in systemic lupus erythematosus: development of novel**2010 DNA- and/or RNA-like analogues for treating lupus.**

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Biliary system (Cholestasis BASKET)	Kidney (Tubulus)	S100A8	
Foam cell	Macrophages	S100A9	
HMGB1	Receptor (RAGE)	SIRS (Systemic inflammatory response syndrome)	
Ischemia reperfusion	RP105	TLR2	

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- 2010 TLR2 and TLR4 in ischemia reperfusion injury.**
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- 2010 Toll-like receptor 4 modulation as a strategy to treat sepsis.**
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- 2009 Toll-like receptor 4 (TLR-4) regulates renal ion transport.**
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- 2006 Role of HMGB1 in cardiovascular diseases.**
 7 [16487750] *Curr Opin Pharmacol* 6(2):130-5 (2006)
- 2008 Discovery and development of toll-like receptor 4 (TLR4) antagonists: a new paradigm for treating sepsis and other diseases.**
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- 2009 Toll-like receptor-4 and lipoprotein accumulation in macrophages.**
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- 2010 Toll-like receptor 4 in CNS pathologies.**
 10 [20402965] *J Neurochem* 114(1):13-27 (2010)

TLR5

12846

TLR5

Flagellin	TLR5	Vaccine (Adjuvants)	
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AIM2	Dendritic cell (Immunology)	MDA5	TLR7
Autoantibodies Anti dsDNA Anti ssDNA	Dendritic cell (Plasmacytoid)	P202	TLR8
Cri du Chat syndrome	Interferon (BASKET)	RIG I	TLR9
Crigler Najjar syndrome	Interferon alpha and preliminary (BASKET)	Systemic lupus erythematosus	Vaccine (Adjuvants)
DAI ZBP1	IRF7	TLR3	

2010 Nucleic acid sensing receptors in systemic lupus erythematosus: development of novel DNA- and/or RNA-like analogues for treating lupus.

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2010 Classification, mechanisms of action, and therapeutic applications of inhibitory oligonucleotides for Toll-like receptors (TLR) 7 and 9.

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2008 Plasmacytoid dendritic cells and type I IFN: 50 years of convergent history.

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2011 TLR-7 and -8 agonists as vaccine adjuvants.

4 [21506636] Expert Rev Vaccines 10(4):405-7 (2011)

2007 The role of type I interferon production by dendritic cells in host defense.

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2010 Regulation of autoreactive B cell responses to endogenous TLR ligands.

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TLR8

12848

TLR8

AIM2	MDA5	TLR7	
Cri du Chat syndrome	P202	TLR8	
Crigler Najjar syndrome	RIG I	TLR9	
DAI ZBP1	TLR3	Vaccine (Adjuvants)	

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2010 Nucleic acid sensing receptors in systemic lupus erythematosus: development of novel DNA- and/or RNA-like analogues for treating lupus.

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2011 TLR-7 and -8 agonists as vaccine adjuvants.

3 [21506636] *Expert Rev Vaccines* 10(4):405-7 (2011)

AIM2	Dendritic cell (Immunology)	MDA5	TLR8
Autoantibodies Anti dsDNA Anti ssDNA	Dendritic cell (Plasmacytoid)	P202	TLR9
Autoimmunity	Glomerulonephritis (BASKET)	PIR B	Tolerance (Immunology)
CpG Oligonucleotides	Interferon (BASKET)	RIG I	
Cri du Chat syndrome	Interferon alpha and preliminary (BASKET)	Systemic lupus erythematosus	
Crigler Najjar syndrome	IRF7	TLR3	
DAI ZBP1	Liver (Steatohepatosis)	TLR7	

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2007 Antinfective applications of toll-like receptor 9 agonists.

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2010 Nucleic acid sensing receptors in systemic lupus erythematosus: development of novel DNA- and/or RNA-like analogues for treating lupus.

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2010 Classification, mechanisms of action, and therapeutic applications of inhibitory oligonucleotides for Toll-like receptors (TLR) 7 and 9.

5 [20490286] *Mediators Inflamm* 2010(-):986596 (2010)

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2010 Regulation of autoreactive B cell responses to endogenous TLR ligands.

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**TLS CHOP Fusion oncogene aka
FUS DDIT3**

12850

**TLS CHOP Fusion oncogene aka
FUS DDIT3**

Adipose tissue (Neoplasia Liposarcoma)	Interleukin24 MDA7	TLS CHOP Fusion oncogene aka FUS DDIT3	
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TLS FUS

12851

TLS FUS

Bicoid	STAT1	TRA1	
P53	TLS FUS	WT1	

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Ion channel (Chloride)	TMEM16 protein family	TMEM16A Anoctamin1	
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Ion channel (Chloride)	TMEM16 protein family	TMEM16A Anoctamin1	
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AHI1	Cilia	Meckel s syndrome	
ARL13B	Joubert s syndrome	NPHP1	
CC2D2A	Joubert syndrome and related disorders	RPGRIPL	
CEP290	Kidney (Nephronophthisis)	TMEM67 MKS3 Meckelin	

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2010 Novel TMEM67 mutations and genotype-phenotype correlates in meckelin-related ciliopathies.

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TMPRSS2

12855

TMPRSS2

Neoplasia (Tumor biology and immunology) Neoplasia (Tumor markers)	Prostate (Neoplasia) TMPRSS2		
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2009 **Epigenetic alterations in human prostate cancers.**
1 [19520778] *Endocrinology* 150(9):3991-4002 (2009)

TMSG1

12856

TMSG1

Neoplasia (Invasion and metastasis)	TMSG1		
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2010 **TMSG-1 and its roles in tumor biology.**
1 [20591223] Chin J Cancer 29(7):697-702 (2010)

TMX transmembrane thioredoxin related molecule

12857

TMX Transmembrane Thioredoxin Related Molecule

Ask1 Cell stress (ER stress) Mitochondria (Permeability transition)	Peroxiredoxin Thioredoxin binding protein2 vitamin D3 upregulated protein1 Thioredoxin	Thioredoxin2 TMX transmembrane thioredoxin related molecule Virus (BASKET)	
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2005 The thioredoxin system in retroviral infection and apoptosis.

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Tn polyagglutination syndrome			
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1 [21235740] J Med Case Reports 5(1):8 (2011)

Tn7

12859

Tn7

Genetics (Transposon)	Tn7		
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2009 Tn7 elements: engendering diversity from chromosomes to episomes.

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ABCC8 SUR1	EIF2AK3 PERK	OMIM_x600937	Wfs1 Wolframin
Anemia (megaloblastic thiamine responsive)	FRDA1 Frataxin	Persistent hyperinsulinemic hypoglycemia of infancy	Wfs2
Bererdinelli Seip congenital lipodystrophy	Friedreich ataxia	Persistent neonatal hypoglycemia	Wolcott Rallison syndrome
BSCL1 AGPAT2	Glucokinase	Rabson Mendenhall s syndrome	Wolfram s syndrome DIDMOAD
BSCL2 Seipin	GLUD1	Receptor (Insulin)	WRN
Diabetes mellitus (Hereditary MODY)	Insulin resistance type a	Receptor (PPAR gamma)	
Diabetes mellitus (hereditary)	KCNJ11 Kir6 2	SLC19A2 THTR1	
Diabetes mellitus (neonatal)	Lipodystrophy	TNDM29locus	
Donohue s syndrome	OMIM_601487	Werner s syndrome	
Leprechaunism			

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Peripheral nervous system (Neuropathy)	TNF alpha antagonist		
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- 2008 Psoriatic skin lesions induced by tumor necrosis factor antagonist therapy: a literature review and potential mechanisms of action.**
 1 [18576309] *Arthritis Rheum* 59(7):996-1001 (2008)
- 2008 The risk of infection associated with tumor necrosis factor alpha antagonists: making sense of epidemiologic evidence.**
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- 2007 Biologic treatment of rheumatoid arthritis and the risk of malignancy: analyses from a large US observational study.**
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- 2006 Guillain-Barré and Miller Fisher syndromes occurring with tumor necrosis factor alpha antagonist therapy.**
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- 2005 Tumor necrosis factor antagonists and infections: the small print on the price tag.**
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 Demyelinating and neurologic events reported in association with tumor necrosis factor alpha antagonism: by what mechanisms could tumor necrosis factor alpha antagonists improve rheumatoid arthritis but exacerbate multiple sclerosis?
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- 2011 Lung sarcoidosis induced by TNF antagonists in rheumatoid arthritis: a case presentation and a literature review.**
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- 2009 Pneumocystis jiroveci pneumonia in patients with rheumatoid arthritis treated with infliximab: a retrospective review and case-control study of 21 patients.**
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- 2010 TNF inhibitors - new and old agents for rheumatoid arthritis.**
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- 2008 TNFalpha blockade in human diseases: an overview of efficacy and safety.**
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Adipose tissue (Adipocyte)	Kidney (Progression of renal disease)	PTH (Hyperparathyreoidism secondary) TNF alpha converting enzyme	Vitamin D3 (Calcitriol)
Fibrosis	PREF1 Dlk1 Preadipocyte factor1		

2003 Structure and functions of tumor necrosis factor-alpha converting enzyme.

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Biologicals (Pharmacology)	Interferon gamma	Lymphotoxin	TNF alpha
CD31 PECAM1	Interleukin10	Macrophages	
Diabetes mellitus (BASKET)	Interleukin24 MDA7	Necrosis	
iNOS	Interleukin6	Neoplasia (Oncolytic virus)	
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Intratumoral injection of INGN 241, a nonreplicating adenovector expressing the 2005 melanoma-differentiation associated gene-7 (mda-7/IL24): biologic outcome in advanced cancer patients.			
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2010 Tumor necrosis factor-α signaling in macrophages.			
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TNF family			
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2003 Involvement of tumor necrosis factor receptor superfamily(TNFRSF) members in the pathogenesis of inflammatory diseases.

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Genetics (GWAS Genome wide association study)	Neoplasia (Tumor biology and immunology)	Systemic lupus erythematosus	
Lymphoma (Hodgkin)	NFKB	TNFAIP3 A20	

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Tnk1 Kos1

12866

Tnk1 Kos1

Grb2	Tnk1 Kos1		
Ras	Tumor suppressor		

2010 Tnk1/Kos1: a novel tumor suppressor.

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TNNI3

12867

TNNI3

Heart (Cardiomyopathy hypertrophic)	MYH7	TNNI3	
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2005 Malignant mutations in hypertrophic cardiomyopathy: fact or fancy?

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TNP470

12868

TNP470

Angiostatin	Cyclophosphamide	TNP470	
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2004 Angiogenesis inhibition by angiostatin, endostatin and TNP-470 prevents cyclophosphamide induced cystitis.

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Tob1

12869

Tob1

BTG Nfatc2	SMAD3 T cell (Naive)	Tob1 Tob2	
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2007 Tob genes in development and homeostasis.

1 [17304515] *Dev Dyn* 236(4):913-21 (2007)

2008 Negative regulators in homeostasis of naïve peripheral T cells.

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Tob2

12870

Tob2

BTG Nfatc2	SMAD3 T cell (Naive)	Tob1 Tob2	
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2007 Tob genes in development and homeostasis.

1 [17304515] *Dev Dyn* 236(4):913-21 (2007)

2008 Negative regulators in homeostasis of naïve peripheral T cells.

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Tobacco mosaic virus			
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Tobravirus

12872

Tobravirus

Tobravirus			
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1999 **Molecular biology of the tobaviruses.**
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Toc			
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2007

Toc GTPases.
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81C6 ttTenascin	Cetuximab ttEGFR	Mepolizumab ttIL5	REGN88 ttIL6R
Abatacept ttCTLA4Conjugate	Daclizumab ttIL2R	Motavizumab ttRSVirus	Repertaxin ttCXCR1 ttCXCR2
Abciximab ttGPIIAIIIB	Dalotuzumab ttIGF1R	MuromonabCD3 ttCD3	Reslizumab ttIL5
Adalimumab ttTNFalpah	Denosumab ttRANKL	Naptumomab estafenatox tt5T4	Rilonacept ttIL1R
AIN457	Eculizumab ttFactorH	Natalizumab ttIntegrinalpha4	Rituximab ttCD20
Alefacept	Efalizumab ttLFA1	Necitumumab ttEGFR	RPSGLIG ttPSelectin
Alemtuzumab ttCD52	Epratuzumab ttCD22	Nimotuzumab ttEGFR	Solanezumab ttAmyloidBeta
AMG386 ttAngiopoietin1 ttAngiopoietin2	Etanercept ttTNFalpah	Obinutuzumab ttCD20	T1H ttCD6
Antibodies (therapeutic use)	FactorIXFc ttFactorIX	Ocrelizumab ttCD20	Tanezumab ttNGF
Antibodies (therapeutic use)	FactorVIIIFc ttFactorVIII	Ofatumumab ttCD20	Teplizumab ttCD3
Arthritis (juvenile idiopathic)	Farletuzumab ttFolateRalpha	Omalizumab ttCD20	Tocilizumab ttIL6
Arthritis (rheumatoid)	Figitumumab ttIGF1R	Otelixizumab ttCD3	Tositumomab ttCD20
Atacicept ttBlys ttAPRIL	Galiximab ttCD80	Pagibaximab ttLipoteichoicAcidStaphylococcus	TP10 ttSCR3
Bapineuzumab ttAmyloidBeta	Gemtuzumab ozogamicin ttCD33	Palivizumab ttRSVirusFprotein	Transplantation
Basiliximab ttIL2R	Girentuximab ttCarbomicAnhydrideIX	Pertuzumab ttHER2	Trastuzumab emtansine ttHER2
Belatacept ttCD80 ttCD86	Golimumab ttTNFalpah	Psoriasis	Trastuzumab ttHER2
Belimumab ttBLYS	Ibritumomab tiuxentan yttrium ttCD20	QPI1002 ttp53	Tremelimumab ttCLTA4
Bevacizumab ttVEGF	Immunosuppressive agents	Ramucirumab ttVEGFR2	Ustekinumab ttIL12 ttIL23
Brentuximab vedotin ttCD30	Inflammation (BASKET)	Ranibizumab ttVEGF	Vedolizumab ttIntegrina4b7
Briakinumab ttIL12 ttIL23	Infliximab ttTNFalpah	Raxibacumab ttAnthrax	Zalutumumab ttEGFR
Canakinumab ttIL1beta	Inotuzumab ozogamicin ttCD22	Receptor (Interleukin6 GP130)	Zanulumab ttCD4
Catumaxomab ttEpCAM ttCD3 linkerAb	Ipilimumab ttCTLA4		
Certolizumab ttTNFalpah			

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Nail (Diseases)	Onychocryptosis	Toe nail	
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Toilet training

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Toilet training

Toilet training	Urinary incontinence		
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Parkinson s disease	Tolcapone		
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AIRE (Immunology)	G CSF	Notch	TGF beta
Apoptosis	Glomerulonephritis (BASKET)	Organogenetic tolerance	Thymus (BASKET)
Autoimmunity	Graft vs host disease	PD L2	TLR9
Bacteria (Commensal)	GRAIL	PD1	Tolerance (Immunology)
Bone marrow transplantation	HGF	PIR B	TRAIL APO2
Cbl b	Histamine	Rapamycin	Transplantation
CD274 PD L1 B7H1	HLA G	Receptor (Histamine)	Ubiquitin ligase Itch
CD57	IDO Indoleamine oxygenase	Regulatory T cell	Vasoactive intestinal peptide
Cell death (BASKET)	Immune reconstitution	Systemic lupus erythematosus	Xenotransplantation
Ciclosporin ttMPT	Interleukin10	T cell (Anergy)	
Cyclophosphamide	Kupffer cell	T cell (CD8pos)	
Dendritic cell (Immunology)	Myeloid derived suppressor cell	T Cell (Exhaustion)	
Diacylglycerol kinase	Neoplasia (Tumor biology and immunology)	T cell (Th1)	

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Tolevamer			
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Arthritis (rheumatoid)	Glycolipid	Neoplasia (Carcinogenesis)	RLR
Atherosclerosis (BASKET)	Innate immunity	Neurodegeneration	Systemic lupus erythematosus
Autophagy	Interleukin1 receptor antagonist	NFKB	TIR protein domain
B cell (Immunology)	IpaF	NLR NOD like receptor	Toll like receptor
CARD protein family	Leukocyte Ig like receptors	Nod1	Vaccine (Adjuvants)
Complement system	MDA5	Nod2	Virus (Immune reaction)
Dense deposit disease	MyD88	PYRIN protein domain	
Fungi and Yeasts (Signal transduction)	Nalps	RIG I	

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Tomosyn

12886

Tomosyn

Synapse	Syntaxin	Tomosyn	
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Lung (CT)	Mammary gland (CT)	Tuberculosis	
Lung and bronchial system (Neoplasia)	Tomosynthesis		

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12889

Zunge (Neubildung)

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12893

Tonsille (Neubildung)

Tonsil (Neoplasia)			
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Tonsil (Tonsillitis)

12894

Tonsille (Tonsillitis)

ORL (Otitis media)	Sinusitis	Tonsil (Tonsillitis)	
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12896

Zahn (Abfraction Herunternagen))

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12897

Zahn (Zahnlosigkeit)

Tooth (Acquired absence of teeth)			
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Tooth (Altered passive eruption)

12898

Zahn (Altered passive eruption)

Gingival hyperplasia	Tooth (Altered passive eruption)		
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Tooth (Ameloblast)

12900

Zahn (Ameloblast)

Tooth (Ameloblast)			
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Ion channel (TRP Family) Tooth (Anatomy)	Tooth (Odontoblast) Tooth (Pain)		
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12904

Zahn (Bonding)

Tooth (Bonding)			
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Tooth (Calculus)

12905

Zahn (Calculus)

Tooth (Calculus)			
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Cardiovascular risk	Nanomedicine	Tooth (CT)	
Chlorhexidine	Periodontosis	Tooth (Dental crown)	
Enamel	Streptococcus mutans	Tooth (filling)	
Fluoride	Titanium tetrafluoride	Tooth (Sealant)	

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Tooth (Cast impression)

12907

Zahn (Cast Impression)

Tooth (Cast impression)			
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Clostridium difficile	Periodontosis	Tooth (Comorbidity Assessment)	
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Tooth (CT)

12909

Zahn (CT)

Tooth (Caries)	Tooth (CT)		
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Tooth (Caries)	Tooth (Dental crown)		
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Tooth (Dental root and pulpa inflammation)

12911

Zahn (Zahnwurzelentzündung)

Parodontosis	Sinusitis	Tooth (Dental root and pulpa inflammation)	
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Tooth (Development)	Tooth (Orthodontics)		
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>Tooth (Diseases)			
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Tooth (Enamel reduction)

12917

Zahn (Enamel Entfernung)

Tooth (Enamel reduction)			
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Tooth (Erosion)			
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Alveolar osteitis	Tooth (extraction)		
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Lichen (BASKET)	Tooth (Caries)	Tooth (filling)	
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Tooth (Furcation defect)

12922

Zahn (Furcation defect)

Parodontosis	Tooth (Furcation defect)		
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Tooth (Hygiene)

12923

Zahn (Hygiene)

Tooth (Hygiene)			
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Tooth (Imaging)			
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Bisphosphonates	Nanomedicine	Tooth (Implantates)	
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Tooth (Malformation)			
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Tooth (Malocclusion)

12927

Zahn (Malokklusion)

Tooth (Malocclusion)			
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ASIC acid sensitive ion channels Ion channel (TRP Family)	Mechanotransduction Tooth (Anatomy)	Tooth (Odontoblast) Tooth (Pain)	
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2009 Odontoblast TRP channels and thermo/mechanical transmission.

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Tooth (Orthodontic adhesives)

12929

Zahn (Prothesenhaftstoff)

Tooth (Orthodontic adhesives)			
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2002 **Orthodontic adhesives: a systematic review.**
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Tooth (Orthodontic retention)

12930

Zahn (Orthodontic Retention)

Tooth (Orthodontic retention)			
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2006 **Orthodontic retention: a systematic review.**
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Tooth (Development)	Tooth (Orthodontics)		
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Ion channel (TRP Family) Tooth (Anatomy)	Tooth (Odontoblast) Tooth (Pain)		
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Tooth (Periapical lesion)

12933

Zahn (Periapikale Laesion)

Teeth (Pulpa)	Tooth (Periapical lesion)		
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2010 **Nonsurgical management of periapical lesions.**
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Tooth (Plaque)			
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1994 Mechanisms of dental plaque formation.

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1994 Composition and cariogenic potential of dental plaque fluid.

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Finite element analysis	Tooth (Prosthesis)		
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Tooth (Pulpotomy)

12936

Zahn (Pulpotomie)

Formocresol	Mineral trioxide aggregate	Tooth (Pulpotomy)	
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2010 Mineral trioxide aggregate in primary teeth pulpotomy. A systematic literature review.
1 [20526246] *Med Oral Patol Oral Cir Bucal* 15(6):e942-6 (2010)

Mineral trioxide aggregate	Regeneration of tissues and other biologic structures	Tooth (Regeneration)	
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2009 Reparative dentinogenesis induced by mineral trioxide aggregate: a review from the biological and physicochemical points of view.

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Pain (Neurophysiology)	Pain catastrophizing	Tooth (Regional anesthesia for dental procedures)	
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2003 Intraosseous anesthesia: implications, instrumentation and techniques.

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Tooth (Caries)	Tooth (Sealant)		
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- 2008** The effect of dental sealants on bacteria levels in caries lesions: a review of the evidence.
1 [18310731] J Am Dent Assoc 139(3):271-8; quiz 357-8 (2008)
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Tooth (Surgery)

12940

Zahn (Chirurgie)

Tooth (Surgery)			
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2007 The application of microscopic surgery in dentistry.
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Tooth (Tooth brush)

12941

Zahn (Zahnbuerste)

Tooth (Tooth brush)			
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2003 Manual versus powered toothbrushes: the Cochrane review.

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Tooth (Toxicology)			
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2004 **Teeth.**
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Tooth (Traumatology)			
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- 2008 Dental trauma: part 2. Managing poor prognosis anterior teeth--treatment options for the subsequent space in a growing patient.**
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- 2008 Dental trauma: an overview of its influence on the management of orthodontic treatment. Part 1.**
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DNA (Topoisomerase)	TOP2		
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2009 DNA topoisomerase II and its growing repertoire of biological functions.

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TopBP1

12945

TopBP1

ATR	Dpb11	Rad1	
Cut5	Hus1	Rad9	
DNA (Repair and Toxicology)	Mec1	TopBP1	

2009 A tale of two tails: activation of DNA damage checkpoint kinase Mec1/ATR by the 9-1-1 clamp and by Dpb11/TopBP1.

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Acamprosate	Epilepsy (BASKET)	Memantine	Obesity (BASKET)
Addiction (BASKET)	Gabapentin	Migraine	Phentermine
Alcohol	Glutamate (Neurotransmitter)	Modafinil	Topiramate
Eating disorders	Lamotrigine	N Acetylcysteine	

- 2000 Topiramate as add-on therapy: pooled analysis of randomized controlled trials in adults.**
 1 [10768304] Epilepsia 41 Suppl 1(-):S66-71 (2000)
- 2000 Clinical pharmacology of topiramate: a review.**
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- 2000 An overview of the preclinical aspects of topiramate: pharmacology, pharmacokinetics, and mechanism of action.**
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- 1999 Topiramate.**
 4 [10530697] Epilepsia 40 Suppl 5(-):S71-80 (1999)
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- 2009 Treatment of obese patients with binge eating disorder using topiramate: a review.**
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 8 [16236051] Br J Clin Pharmacol 60(5):578-9 (2005)
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- 2008 Glutamatergic substrates of drug addiction and alcoholism.**
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- 2010 Topiramate in the new generation of drugs: efficacy in the treatment of alcoholic patients.**
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- 2008 Topiramate in the prevention of pediatric migraine: literature review.**
 14 [18385933] J Headache Pain 9(3):147-50 (2008)

Lung and bronchial system (Neoplasia)	Topotecan		
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2010 The clinical effectiveness and cost-effectiveness of topotecan for small cell lung cancer: a systematic review and economic evaluation.
1 [20356561] Health Technol Assess 14(19):1-204 (2010)

TOR1A

12948

TOR1A

ATP1A3	GCH1	SGCE	THAP1
Disease classifications	PNKD1	SLC2A1	TOR1A
Dystonia	PRKAR1A	TAF1	

2009 **The monogenic primary dystonias.**
1 [19578124] *Brain* 132(Pt 8):2005-25 (2009)

Avasimibe	Fibrate	Niacin	
Colesevelam	Implitapide	Statin	
Ezetimibe	Lipoprotein (Dyslipoproteinemia Hyperlipoproteinemia)	Torcetrapib	

2007 The failure of torcetrapib: was it the molecule or the mechanism?

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Efficacy and safety of torcetrapib, a novel cholestrylyl ester transfer protein inhibitor, in individuals with below-average high-density lipoprotein cholesterol levels on a background of atorvastatin.

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Torovirus

12950

Torovirus

Torovirus			
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1993 Toroviruses: replication, evolution and comparison with other members of the coronavirus-like superfamily.

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Hypometabolism	RNA (MicroRNA)	Torpor	
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2011 The emerging roles of microRNAs in the molecular responses of metabolic rate depression.

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TorsinA

12952

TorsinA

Autophagy Early onset generalized dystonia (DYT1)	Endoplasmic reticulum (associated degradation) TorsinA		
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2009 TorsinA protein degradation and autophagy in DYT1 dystonia.
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Child abuse and neglect Clinical examination (BASKET)	Clinical examination (Skin) Forensic medicine	Guantanamo Bay Torture	
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- Association of torture and other potentially traumatic events with mental health outcomes among populations exposed to mass conflict and displacement: a systematic review and meta-analysis.**
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- 2009 Rehabilitating torture survivors.**
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- 2011 Treatment of survivors of torture: spiritual domain.**
 6 [21422608] Torture 21(1):61-6 (2011)
- Evaluating the services of torture rehabilitation programmes: history and recommendations.**
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- 2011 Medical best practices for the treatment of torture survivors.**
 8 [21422602] Torture 21(1):8-17 (2011)
- 2011 Guidelines for psychiatric care of torture survivors.**
 9 [21422603] Torture 21(1):18-26 (2011)
- Best, promising, and emerging practices in the treatment of trauma: what can we apply in our work with torture survivors?**
 10 [21422604] Torture 21(1):27-38 (2011)
- 2011 Expressive arts therapies: working with survivors of torture.**
 11 [21422605] Torture 21(1):39-47 (2011)
- 2011 Social services: effective practices in serving survivors of torture.**
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- 2011 Legal services: best, promising, and emerging practices.**
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- 2007 Documentation of torture victims. Implementation of medico-legal protocols.**
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Torulopsis			
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1996 **Torulopsis pneumonia. A case report and review of the literature.**
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Torus mandibularis

12955

Torus mandibularis

Torus mandibularis	Torus palatinus		
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2010 Current status of the torus palatinus and torus mandibularis.
1 [19767716] Med Oral Patol Oral Cir Bucal 15(2):e353-60 (2010)

Torus palatinus

12956

Torus palatinus

Torus mandibularis	Torus palatinus		
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2010 Current status of the torus palatinus and torus mandibularis.
1 [19767716] Med Oral Patol Oral Cir Bucal 15(2):e353-60 (2010)

Arthropod virus	Japanese virus encephalitis	Rabies	Vesiculovirus
CNS (Encephalitis)	Lymphocytic choriomeningitis	Sandfly fever Naples virus	West nile virus
Enterovirus71	Orbivirus	Sicilian virus	
Human herpesvirus6	Phlebovirus	Toscana virus	

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81C6 ttTenascin	Daclizumab ttIL2R	Lymphoma (Indolent)	REGN88 ttIL6R
Abatacept ttCTLA4Conjugate	Dalotuzumab ttIGF1R	Mepolizumab ttIL5	Reslizumab ttIL5
Abciximab ttGPIIAIIIB	Denosumab ttRANKL	Motavizumab ttRSVirus	Rilonacept ttIL1R
Adalimumab ttTNFalpah	Eculizumab ttFactorH	MuromonabCD3 ttCD3	Rituximab ttCD20
AIN457	Efalizumab ttLFA1	Naptumomab estafenatox tt5T4	Solanezumab ttAmyloidBeta
Alemtuzumab ttCD52	Epratuzumab ttCD22	Natalizumab ttIntegrinalpha4	T1H ttCD6
AMG386 ttAngiopoietin1 ttAngiopoietin2	Etanercept ttTNFalpah	Necitumumab ttEGFR	Tanezumab ttNGF
Antibodies (therapeutic use)	FactorIXFc ttFactorIX	Nimotuzumab ttEGFR	Tepilizumab ttCD3
Atacicept ttBlys ttAPRIL	FactorVIIIFc ttFactorVIII	Obinutuzumab ttCD20	Tocilizumab ttIL6
Bapineuzumab ttAmyloidBeta	Farletuzumab ttFolateRalpha	Ocrelizumab ttCD20	Tositumomab ttCD20
Basiliximab ttIL2R	Figitumumab ttIGF1R	Ofatumumab ttCD20	Trastuzumab emtansine ttHER2
Belatacept ttCD80 ttCD86	Galiximab ttCD80	Omalizumab ttCD20	Trastuzumab ttHER2
Belimumab ttBLyS	Gemtuzumab ozogamicin ttCD33	Otelixizumab ttCD3	Tremelimumab ttCLTA4
Bevacizumab ttVEGF	Girentuximab ttCarbomicAnhydraiseIX	Pagibaximab ttLipoteichoicAcidStaphlococcus	Ustekinumab ttIL12 ttIL23
Brentuximab vedotin ttCD30	Golimumab ttTNFalpah	Palivizumab ttRSVirusFprotein	Vedolizumab ttIntegrina4b7
Briakinumab ttIL12 ttIL23	Ibritumomab tiuxentan yttrium ttCD20	Panitumumab ttEGFR	Ramucirumab ttVEGFR2
Canakinumab ttIL1beta	Infliximab ttTNFalpah	Pertuzumab ttHER2	Ranibizumab ttVEGF
Catumaxomab ttEpCAM ttCD3 linkerAb	Inotuzumab ozogamicin ttCD22	Ramucirumab ttVEGFR2	Zalutumumab ttEGFR
Certolizumab ttTNFalpah	Ipilimumab ttCTLA4	Ranibizumab ttVEGF	Zanulumumab ttCD4
Cetuximab ttEGFR	Lymphoma (Follicular)	Raxibacumab ttAnthrax	

2009 I-Tositumomab in lymphoma.

1 [19862360] Curr Oncol 16(5):32-47 (2009)

2009 Update on the rational use of tositumomab and iodine-131 tositumomab radioimmunotherapy for the treatment of non-Hodgkin's lymphoma.

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Bone marrow transplantation	Total body irradiation		
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2001 Total body irradiation using a modified standing technique: a single institution 7 year experience.

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1997 The radiobiological basis of total body irradiation.

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Touch (Neurophysiology)			
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2010 **The cell biology of touch.**
1 [20956378] J Cell Biol 191(2):237-48 (2010)

Tourniquet

12961

Tourniquet

Tourniquet			
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2007 Tourniquet use in the civilian prehospital setting.
1 [17652690] Emerg Med J 24(8):584-7 (2007)

Townes Brocks syndrome

12962

Townes Brocks Syndrom

Okihiro s syndrome SALL1	SALL4 Spalt protein family	Townes Brocks syndrome	
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1999 Townes-Brocks syndrome.

1 [10051003] J Med Genet 36(2):89-93 (1999)

2009 Regulation and function of Spalt proteins during animal development.

2 [19247946] Int J Dev Biol 53(8-10):1385-98 (2009)

Allergy (Therapeutic drugs)	Stevens Johnson syndrome		
Hypersensitivity reaction	Toxic epidermal necrolysis		

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Alcohol	Chromium	Laboratory animal (Alternatives)	Pesticides
Allergy (Therapeutic drugs)	CNS (Malformation)	Lithium	Phencyclidine
Amphetamines	CO (Carbonic monoxide)	Lung (Toxicology)	Poisonous organisms
Apoptosis	Cocain	Methemoglobinemia	Propofol
Barbiturate	Cyanide	Nanomedicine	Redox (Signal transduction)
Benzodiazepine	Data base (Medicine Biology Pharmacology)	Natural products	ssRI
Beta adrenergic antagonists	Fructose	Nervous system (Toxicology)	Theophylline
Biomarker (BASKET)	Gamma hydroxybutyric acid	Opioid (BASKET)	Toxicology (BASKET)
Calcium antagonists	Hemodialysis (BASKET)	Organophosphorous compounds	

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Baylisascariasis	Gnathostomiasis	Toxocariasis	

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Apicomplexan parasites	History of medicine	Monocytes	Theileria
Apicoplast	Host pathogen interaction	Mucosa associated lymphatic tissue MALT	Toxoplasmosis
Babesiosis	Inflammation (BASKET)	Neosporosis	
Cryptosporidia	Lymphoma (extranodal Primary CNS)	Nucleus	

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Alefacept	Efalizumab ttLFA1	QPI1002 ttp53	Tocilizumab ttIL6
Belatacept ttCD80 ttCD86	Epratuzumab ttCD22	Repertaxin ttCXCR1 ttCXCR2	TP10 ttsCR3
Belimumab ttBLYS	Immunosuppressive agents	Rituximab ttCD20	Transplantation
Eculizumab ttFactorH	Infliximab ttTNFalpha	RPSGLIG ttPSelectin	

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Tpl2 Cot

12970

Tpl2 Cot

COX2	Mammary gland (Neoplasia)	Tpl2 Cot	
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TPM3 Tropomyosin3

12971

TPM3 Tropomyosin3

ACTA1 Congenital fiber type disproportion	SEPN1 TPM3 Tropomyosin3	Tropomyosin	
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TPP1

12972

TPP1

Cell senescence Rap1	Shelterin Telomerase	TPP1 TRF1	
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AIP	Receptor (Aromatic hydrocarbon)	TPR protein domain	
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Nanomedicine	Tpy chemistry		
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TRA1

12975

TRA1

Bicoid	STAT1	TRA1	
P53	TLS FUS	WT1	

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Sarcoma	Trabectedin		
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Trachea (Stenosis congenital)

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Lufttröhre (Stenose congenital)

Trachea (Stenosis congenital)			
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Polychondritis	Trachea (Tracheomalacia)		
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Trachea (Tracheostomy)			
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**Trachea and tracheobronchial tree
(CT)**

12980

Bronchialsystem (CT)

Trachea and tracheobronchial tree (CT)			
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Tracheal ring

12985

Lufttroehrenring

Tracheal ring			
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12986

**Tracheoesophageale Fistel
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AEG1	CHD7	N Myc	VACTERL association
Anophthalmia Esophageal Genital Syndrome	Esophagus (Atresia) Feingold syndrome	SOX2 Tracheo esophageal fistula (congenital)	
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