

Waardenburg s syndrome			
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2006
1 **Waardenburg syndrome type 1.**
[16638435] Dermatol Online J 12(3):21 (2006)

1997
2 **Waardenburg syndrome.**
[9279758] J Med Genet 34(8):656-65 (1997)

1999
3 **[Waardenburg's syndrome].**
[10510766] J Fr Ophtalmol 22(7):799-809 (1999)

Wada test			
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2004 **Functional MR imaging versus Wada test for evaluation of language lateralization: cost analysis.**

¹ [14695386] Radiology 230(1):49-54 (2004)

Ataxia (spinocerebellar) CA8 HAP1 Huntingtin associated protein1 Huntingtin	InsP3R Ion channel (Calcium) opt mouse Presenilin	Receptor (Inositol trisphosphate) Spinocerebellar ataxia15 Spinocerebellar ataxia16 Spinocerebellar ataxia2	Spinocerebellar ataxia3 waddles wdl mouse
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2010 Inositol trisphosphate receptor Ca²⁺ release channels in neurological diseases.

1 [20383523] Pflugers Arch 460(2):481-94 (2010)

WAGR syndrome			
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2005 **WAGR syndrome: a clinical review of 54 cases.**
1 [\[16199712\]](#) *Pediatrics* 116(4):984-8 (2005)

Waldmann s disease			
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2008 **Primary intestinal lymphangiectasia (Waldmann's disease).**

1 [\[18294365\]](#) Orphanet J Rare Dis 3(-):5 (2008)

Dystroglycan	Muscle eye brain disease	POMT2	
Fukuyama congenital muscle dystrophy	POMGnT1	Walker Warburg syndrome	
Muscle dystrophy	POMT1		

2006 Walker-Warburg syndrome.

1 [16887026] Orphanet J Rare Dis 1(-):29 (2006)

2007 Muscular dystrophies due to defective glycosylation of dystroglycan.

2 [18646561] Acta Myol 26(3):129-35 (2007)

Hexokinase2	Myc	Pentose shunt	
IGF1	Neoplasia (Tumor biology and immunology)	Protein kinase B Akt	
MTOR	P53	Warburg effect	

2009 Mitochondrial uncoupling and the Warburg effect: molecular basis for the reprogramming of cancer cell metabolism.
1 [19258498] Cancer Res 69(6):2163-6 (2009)

2006 Cancer's molecular sweet tooth and the Warburg effect.
2 [16982728] Cancer Res 66(18):8927-30 (2006)

2010 Rethinking the Warburg effect with Myc micromanaging glutamine metabolism.
3 [20086171] Cancer Res 70(3):859-62 (2010)

2009 Understanding the Warburg effect: the metabolic requirements of cell proliferation.
4 [19460998] Science 324(5930):1029-33 (2009)

2010 The regulation of energy metabolism and the IGF-1/mTOR pathways by the p53 protein.
5 [20399660] Trends Cell Biol 20(7):427-34 (2010)

2009 Hexokinase-2 bound to mitochondria: cancer's stygian link to the "Warburg Effect" and a pivotal target for effective therapy.
6 [19101634] Semin Cancer Biol 19(1):17-24 (2009)

2009 Is Akt the "Warburg kinase"?-Akt-energy metabolism interactions and oncogenesis.
7 [19130886] Semin Cancer Biol 19(1):25-31 (2009)

2009 Targeting the Warburg effect in hematological malignancies: from PET to therapy.
8 [19587591] Curr Opin Oncol 21(6):531-6 (2009)

ADTB3A	Developmental malformations deafness dystonia OMIM_607371	Limb girdle muscular dystrophy type 2B	RABGDIA
Amyotrophic lateral sclerosis slow progressing ALS8	DTNBP1	LMAN1 ERGIC53	REP1
Amyotrophic lateral sclerosis	Dysferlin	Lowe s syndrome	SEC23A
ARC syndrome	Elajalde syndrome	LYST CHS1	SNAP29
ARL6	Griscelli syndrome II	Martsolf syndrome	SPG20 Spartin
Bardet Biedl syndrome	Factor V (Coagulation)	MCFD2	SPG4 Spastin
beta Actin	Factor VIII (Coagulation)	Miyoshi s myopathy	Spinal muscular atrophy late onset
beta3 spectrin	Familial hemophagocytic lymphohistiocytosis	MLPH	Spinocerebellar ataxia5
CEDNIK syndrome	Griscelli s syndrome III	Myosin Ia Myo1a	Syntaxin11
Cell secretion (Intracellular transport)	Griscelli s syndrome2	Myosin Va Myo5a	Troyer syndrome SPG20
Charcot Marie Tooth disease type 2a	Hereditary spastic paraplegia SPG10	Myosin VI	UNC13D Munc13 4 HPLH3
Charcot Marie Tooth disease type 2b	Hereditary spastic paraplegia SPG4	Myosin VIIa	Usher syndrome type Ib
Charcot Marie Tooth disease	Hermansky Pudlak syndrome	Myosin XVa Myo15a	VAPB
Chediak Higashi syndrome	HPS1	OCRL1	VPS33B
Choroideremia	HPS3	OMIM_300104	Warburg Micro syndrome
COG7	HPS4	RAB	X linked non specific mental retardation
Congenital disorder of glycosylation type IIe	HPS5	RAB27A	
Cranio lenticulo sutural dysplasia	HPS6	RAB3GAP	
Deafness (Inherited)	KIF1B	RAB7	
	KIF5A		

2008 Rab proteins and Rab-associated proteins: major actors in the mechanism of protein-trafficking disorders.

1 [18463892] Eur J Pediatr 167(7):723-9 (2008)

2007 Cargos and genes: insights into vesicular transport from inherited human disease.

2 [17526798] J Med Genet 44(9):545-55 (2007)

Warburg s syndrome			
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1986 Warburg (HARD +/- E) syndrome without retinal dysplasia: case report and review.

1 [3096371] Br J Ophthalmol 70(10):742-7 (1986)

Warthin tumor			
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2009 Warthin tumor: a curious entity--case reports and review of literature.

1 [19434322] Rom J Morphol Embryol 50(2):269-73 (2009)

Hippo signaling pathway	Warts Lats (Hippo)		
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2011 Hippo signaling: growth control and beyond.
1 [21138973] Development 138(1):9-22 (2011)

Condyloma acuminata	Human papilloma virus	Warts	
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2002 Local treatments for cutaneous warts: systematic review.

1 [12202325] BMJ 325(7362):461 (2002)

2006 An armamentarium of wart treatments.

2 [17210977] Clin Med Res 4(4):273-93 (2006)

2006 Effectiveness and cost-effectiveness of salicylic acid and cryotherapy for cutaneous warts. An economic decision model.

3 [16849001] Health Technol Assess 10(25):iii, ix-87 (2006)

2006 An evidence-based review of medical and surgical treatments of genital warts.

4 [16638419] Dermatol Online J 12(3):5 (2006)

2001 Female genital warts: global trends and treatments.

5 [11516064] Infect Dis Obstet Gynecol 9(3):149-54 (2001)

1999 The management of difficult anogenital warts.

6 [10448402] Sex Transm Infect 75(3):192-4 (1999)

2003 Should verrucas be covered while swimming?

7 [12598389] Arch Dis Child 88(3):236-7 (2003)

2006 Genital warts in children: what do they mean?

8 [16670117] Arch Dis Child 91(8):696-700 (2006)

2006 Anogenital warts.

9 [17151053] Sex Transm Infect 82 Suppl 4(-):iv40-1 (2006)

2007 Female genital warts.

10 [18159964] Asian Pac J Cancer Prev 8(3):339-47 (2007)

ELANE	GFI1	Neutropenia (congenital)	
G3PC3	HAX1	WAS	

2011 Severe congenital neutropenia, a genetically heterogeneous disease group with an increased risk of AML/MDS.
1 [22053285] *Pediatr Rep* 3 Suppl 2(-):e9 (2011)

Actin	JMY	WASH	
Cordon bleu	Leiomodin	WHAMM	
Formin	Spire		

2010 **A nucleator arms race: cellular control of actin assembly.**
1 [20237478] Nat Rev Mol Cell Biol 11(4):237-51 (2010)

Actin	Dynamin	SCAR WAVE	WAVE protein family
Biomembranes (Traffic)	Endocytosis	SNX9	Wiskott Aldrich syndrome
CDC42	Focal adhesion	Sorting nexin	
Cell migration	Invadopodia	Syndapin PACSIN protein family	
Cytoskeleton	Podosome	WASP	

2004 Mechanisms of WASP-mediated hematologic and immunologic disease.

1 [15308573] Blood 104(12):3454-62 (2004)

2009 WASP and WAVE proteins: vital intrinsic regulators of cell motility and their role in cancer (review).

2 [19148537] Int J Mol Med 23(2):141-8 (2009)

2004 The syndapin protein family: linking membrane trafficking with the cytoskeleton.

3 [15226389] J Cell Sci 117(Pt 15):3077-86 (2004)

2009 SNX9 - a prelude to vesicle release.

4 [19092055] J Cell Sci 122(Pt 1):5-11 (2009)

2009 WASP and SCAR/WAVE proteins: the drivers of actin assembly.

5 [19625501] J Cell Sci 122(Pt 15):2575-8 (2009)

2009 Actin machinery and mechanosensitivity in invadopodia, podosomes and focal adhesions.

6 [19692590] J Cell Sci 122(Pt 17):3037-49 (2009)

2009 Recent advances in understanding the pathophysiology of Wiskott-Aldrich syndrome.

7 [19351959] Blood 113(25):6288-95 (2009)

2009 The WASP and WAVE family proteins.

8 [19589182] Genome Biol 10(6):226 (2009)

2010 Physical mechanisms of signal integration by WASP family proteins.

9 [20533885] Annu Rev Biochem 79(-):707-35 (2010)

2010 Regulation of WASP by phosphorylation: Activation or other functions?

10 [20585499] Commun Integr Biol 3(2):101-5 (2010)

2011 Role of WASP in cell polarity and podosome dynamics of myeloid cells.

11 [20609498] Eur J Cell Biol 90(2-3):198-204 (2011)

Wastewater clearance			
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2001 Additives to reduce ammonia and odor emissions from livestock wastes: a review.

1 [\[11285894\] J Environ Qual 30\(2\):345-55 \(2001\)](#)

Autonomous nervous system (Afferents visceral)	Osmosensor	Water (Neurophysiology)	
Ghrelin	RAAS (Angiotensin)	Water (Physiology renal)	
Osmopressor response	TRPV4		

2010 Centrally administered ghrelin potently inhibits water intake induced by angiotensin II and hypovolemia in rats.

1 [19760484] J Physiol Sci 60(1):19-25 (2010)

2011 The molecular and cellular identity of peripheral osmoreceptors.

2 [21262470] Neuron 69(2):332-44 (2011)

ADH AVP Vasopressin	Kidney (Glomerular filtration rate)	Osmopressor response	TRPV4
AQP2	Kidney (Inherited diseases)	Omosensor	Water (Neurophysiology)
Autonomous nervous system (Afferents visceral)	Kidney (Nerves afferent)	RAAS (Angiotensin)	Water (Physiology renal)
Autonomous nervous system (various reflexes)	Kidney (Principal cells)	Receptor (P2Y)	
Ghrelin	Kidney (Tubulus CCD)	Sodium (Physiology Kidney)	
Iberiotoxin	Kidney (Tubulus Collecting Duct)	Syncope	
ttBKalphaChannel	Methods of experimental Nephrology	TRPV1	
Ion channel (Potassium)			

2008 Segmental regulation of sodium and water excretion by TRPV1 activation in the kidney.

1 [18398380] J Cardiovasc Pharmacol 51(5):437-42 (2008)

2011 The osmopressor response to water drinking.

2 [21048076] Am J Physiol Regul Integr Comp Physiol 300(1):R40-6 (2011)

2006 Antidipsogenic effects of a TRPV4 agonist, 4alpha-phorbol 12,13-didecanoate, injected into the cerebroventricle.

3 [16439673] Am J Physiol Regul Integr Comp Physiol 290(6):R1736-41 (2006)

2012 Hypotonicity-induced TRPV4 function in renal collecting duct cells: modulation by progressive cross-talk with Ca2+-activated K+ channels.

4 [22204737] Cell Calcium 51(2):131-9 (2012)

2007 The transient receptor potential vanilloid-responsive 1 and 4 cation channels: role in neuronal osmosensing and renal physiology.

5 [17693761] Curr Opin Nephrol Hypertens 16(5):451-8 (2007)

2011 The physiological implication of novel proteins in systemic osmoregulation.

6 [21737616] FASEB J 25(10):3279-89 (2011)

2012 Functional interaction between AQP2 and TRPV4 in renal cells.

7 [21938744] J Cell Biochem 113(2):580-9 (2012)

2011 Liver afferents contribute to water drinking-induced sympathetic activation in human subjects: a clinical trial.

8 [22016786] PLoS One 6(10):e25898 (2011)

2012 Physiopathology of hereditary polyuric states: a molecular view of renal function.

9 [22802123] Swiss Med Wkly 142():w13613 (2012)

2010 Centrally administered ghrelin potentially inhibits water intake induced by angiotensin II and hypovolemia in rats.

10 [19760484] J Physiol Sci 60(1):19-25 (2010)

2005 TRPV4 and the mammalian kidney.

11 [15988590] Pflugers Arch 451(1):168-75 (2005)

2009 P2Y(2) receptors and water transport in the kidney.

12 [19319665] Purinergic Signal 5(4):491-9 (2009)

Water water cycle			
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2000 The water-water cycle as alternative photon and electron sinks.

1 [11127996] Philos Trans R Soc Lond B Biol Sci 355(1402):1419-31 (2000)

Watson s syndrome			
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1991 **Watson syndrome: is it a subtype of type 1 neurofibromatosis?**
1 [1770531] J Med Genet 28(11):752-6 (1991)

WASP	WAVE protein family		
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2009 The WASP and WAVE family proteins.
1 [19589182] Genome Biol 10(6):226 (2009)

Wavefront aberrometry			
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2004 Will wavefront aberrometry become a part of routine optometric practice?

1 [15186202] Clin Exp Optom 87(3):133-5 (2004)

COP9 Signalosom	Cullins	Ubiquitin	
CRL4Cdt2	DDB1	WD40 protein domain	
CUL4 Cullin4	NEDD8		

1992 The WD-40 repeat.

1 [1644165] FEBS Lett 307(2):131-4 (1992)

2009 CRL4s: the CUL4-RING E3 ubiquitin ligases.

2 [19818632] Trends Biochem Sci 34(11):562-70 (2009)

2007 Stealing the spotlight: CUL4-DDB1 ubiquitin ligase docks WD40-repeat proteins to destroy.

3 [17280619] Cell Div 2(-):5 (2007)

WDHA			
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1995 **WDHA (watery diarrhea, hypokalemia, achlorhydria) syndrome: clinical features, diagnosis, and treatment.**
1 [7817223] *South Med J* 88(1):22-4 (1995)

2007 **Watery diarrhea, hypokalemia and achlorhydria syndrome due to an adrenal pheochromocytoma.**
2 [17729424] *World J Gastroenterol* 13(34):4649-52 (2007)

Weapons (Military)			
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2009 Blast mines: physics, injury mechanisms and vehicle protection.

1 [20397600] J R Army Med Corps 155(4):258-64 (2009)

2009 Improvised explosive devices: pathophysiology, injury profiles and current medical management.

2 [20397601] J R Army Med Corps 155(4):265-72 (2009)

Wee1

13680

Wee1

Cdk1	Wee1		
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2010 Gauchos and ochos: a Wee1-Cdk tango regulating mitotic entry.
1 [20465818] Cell Div 5(-):12 (2010)

Arthritis (rheumatoid)	Gastrointestinal stromal cell tumor GIST	Lymphoma (BASKET)	Pseudolymphoma (Plasma cell granuloma)
Bacillus calmette guerin	Germinal center (ectopic)	Lymphoma (Hodgkin)	Sarcoidosis
Bartonella henselae	Histoplasmosis	Mycobacterium avium	Silicone
Calcium (Hypercalcemia)	Langerhans cell histiocytosis	Osteoarthritis	Slack skin disease
Candida (BASKET)	Lepra	Ovary (Neoplasia)	Testis (Neoplasia Seminoma)
Coccidioidomycosis	Liver (Diseases)	Paracoccidomycosis	Testis (Neoplasia)
Crohn s disease	Lung (Lipoid pneumonia)	Pneumocystis carinii	Tuberculosis
Cryptococcosis	Lung (Toxicology)	Pneumocystis jirovicii	Wegener s granulomatosis
Fat necrosis subcutaneous of the newborn	Lung and bronchial system (Neoplasia)	Polymyositis	
		Pseudolymphoma (Lymphomatoid granulomatosis)	

2006 Wegener granulomatosis: a case report and update.

1 [17004532] South Med J 99(9):977-88 (2006)

2006 Effector memory T cells as driving force of granuloma formation and autoimmunity in Wegener's granulomatosis.

2 [16918816] J Intern Med 260(3):187-91 (2006)

2009 Effectiveness of rituximab in severe Wegener's granulomatosis: report of two cases and review of the literature.

3 [19590594] Open Respir Med J 3(-):94-9 (2009)

2003 Wegener's granulomatosis: current and upcoming therapies.

4 [12823849] Arthritis Res Ther 5(4):180-91 (2003)

2007 Oral manifestations of Wegener's granulomatosis: a report of three cases and a literature review.

5 [17332039] J Am Dent Assoc 138(3):338-48; quiz 396, 398 (2007)

2007 Clinical features and outcome of pediatric Wegener's granulomatosis.

6 [17530684] Arthritis Rheum 57(5):837-44 (2007)

1964 WEGENER'S GRANULOMATOSIS: A REVIEW OF THREE CASES.

7 [14105009] Can Med Assoc J 90(-):10-4 (1964)

1995 Clinical manifestations and prognosis of Wegener's granulomatosis.

8 [8563106] Intern Med 34(8):705-6 (1995)

2005 Wegener's granulomatosis: a view from the granulomatous side of the disease.

9 [16382696] Isr Med Assoc J 7(12):768-73 (2005)

1999 Rare diseases.3: Wegener's granulomatosis.

10 [10377211] Thorax 54(7):629-37 (1999)

1974 Medical staff conference: Wegener's granulomatosis.

11 [4847427] West J Med 121(2):123-30 (1974)

2007 Imaging of Wegener's granulomatosis.

12 [16728414] Br J Radiol 80(957):757-65 (2007)

1978 Unusual radiographic features of Wegener's granulomatosis.

13 [\[414571\] AJR Am J Roentgenol 130\(2\):233-8 \(1978\)](#)

2009 Wegener's granulomatosis in the chest: high-resolution CT findings.

14 [\[19234263\] AJR Am J Roentgenol 192\(3\):676-82 \(2009\)](#)

2009 Cellular immunity in Wegener's granulomatosis: characterizing T lymphocytes.

15 [\[19479864\] Arthritis Rheum 60\(6\):1578-87 \(2009\)](#)

2005 Methotrexate for Wegener's granulomatosis: what is the evidence?

16 [\[16052540\] Arthritis Rheum 52\(8\):2237-42 \(2005\)](#)

2005 Update on Wegener granulomatosis.

17 [\[16122054\] Cleve Clin J Med 72\(8\):689-90, 693-7 \(2005\)](#)

2007 Renal histology in Chinese patients with anti-myeloperoxidase autoantibody-positive Wegener's granulomatosis.

18 [\[16980322\] Nephrol Dial Transplant 22\(1\):139-45 \(2007\)](#)

2010 Rare causes of calcitriol-mediated hypercalcemia: a case report and literature review.

19 [\[20427501\] J Clin Endocrinol Metab 95\(7\):3111-7 \(2010\)](#)

2007 Leflunomide versus methotrexate in Wegener's granulomatosis.

20 [\[17409129\] Rheumatology \(Oxford\) 46\(7\):1047-8 \(2007\)](#)

2008 Germinal centre-like structures in Wegener's granuloma: the morphological basis for autoimmunity?

21 [\[18515866\] Rheumatology \(Oxford\) 47\(8\):1111-3 \(2008\)](#)

2009 T-lymphocytes and disease mechanisms in Wegener's granulomatosis.

22 [\[19907189\] Kidney Blood Press Res 32\(6\):389-98 \(2009\)](#)

2010 Wegener's granulomatosis: prevalence of the initial clinical manifestations--report of six cases and review of the literature.

23 [\[21125151\] Rev Bras Reumatol 50\(2\):150-64 \(2010\)](#)

2010 Wegener's granulomatosis: a model of auto-antibodies in mucosal autoimmunity.

24 [\[19482554\] Clin Immunol 134\(2\):104-12 \(2010\)](#)

Weibel Palade bodies			
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2004 How to roll an endothelial cigar: the biogenesis of Weibel-Palade bodies.

1 [\[14690496\] Traffic 5\(2\):69-78 \(2004\)](#)

2006 Dynamics and plasticity of Weibel-Palade bodies in endothelial cells.

2 [\[16469951\] Arterioscler Thromb Vasc Biol 26\(5\):1002-7 \(2006\)](#)

Weismann Netter Stuhl syndrome			
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1980 Weismann-Netter-Stuhl syndrome: toxopachyostéose diaphysaire tibio-péronière.

1 [6779527] AJR Am J Roentgenol 135(6):1211-5 (1980)

Wells syndrome			
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2005 Bullous "cellulitis" with eosinophilia: case report and review of Wells' syndrome in
1 childhood.
[15995016] Pediatrics 116(1):e149-55 (2005)

ABCC8 SUR1	DNA (helicase)	OMIM_601487	TNDM29locus
Anemia (megaloblastic thiamine responsive)	Donohue s syndrome Leprechaunism	OMIM_x600937	Trichothiodystrophy
Ataxia teleangiectasia	EIF2AK3 PERK	Persistent hyperinsulinemic hypoglycemia of infancy	Werner s syndrome
Berardinelli Seip congenital lipodystrophy	FRDA1 Frataxin	Persistent neonatal hypoglycemia	Wfs1 Wolfram
Bloom s syndrome	Friedreich ataxia	Progeria	Wfs2
BSCL1 AGPAT2	Genetic instability	Rabson Mendenhall s syndrome	Wolcott Rallison syndrome
BSCL2 Seipin	Glucokinase	Receptor (Insulin)	Wolfram s syndrome
Cell clyce (BASKET)	GLUD1	Receptor (PPAR gamma)	DIDMOAD
Cockayne s syndrome	Hutchinson Gilford syndrome	Receptor (PPAR gamma)	WRN
Diabetes mellitus (Hereditary MODY)	Insulin resistance type a	RecQ	Xeroderma pigmentosum
Diabetes mellitus (hereditary)	KCNJ11 Kir6 2	Rothmund Thomson s syndrome	
Diabetes mellitus (neonatal)	Lipodystrophy	SLC19A2 THTR1	
		Telomere	

2008 Model of human aging: recent findings on Werner's and Hutchinson-Gilford progeria syndromes.

1 [18982914] Clin Interv Aging 3(3):431-44 (2008)

2003 Werner syndrome and the function of the Werner protein; what they can teach us about the molecular aging process.

2 [12771022] Carcinogenesis 24(5):791-802 (2003)

2011 The Werner syndrome protein: linking the replication checkpoint response to genome stability.

3 [21389352] Aging (Albany NY) 3(3):311-8 (2011)

2010 Processing of human telomeres by the Werner syndrome protein.

4 [20814240] Cell Cycle 9(16):3137-8 (2010)

2010 Human RECQ helicases: roles in DNA metabolism, mutagenesis and cancer biology.

5 [20934517] Semin Cancer Biol 20(5):329-39 (2010)

2009 From the rarest to the most common: insights from progeroid syndromes into skin cancer and aging.

6 [19387478] J Invest Dermatol 129(10):2340-50 (2009)

2003 A report of two cases of Werner's syndrome and review of the literature.

7 [14676353] J Orthop Surg (Hong Kong) 11(2):224-33 (2003)

2005 Monogenic syndromes of abnormal glucose homeostasis: clinical review and relevance to the understanding of the pathology of insulin resistance and beta cell failure.

8 [15772126] J Med Genet 42(12):893-902 (2005)

Wernicke Korsakoff syndrome			
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1979 Wernicke's encephalopathy.
1 [476428] Br Med J 2(6185):291-2 (1979)

1983 Wernicke's encephalopathy.
2 [6864698] J R Soc Med 76(5):339-42 (1983)

2005 Interaction between emotion and memory: importance of mammillary bodies damage in a mouse model of the alcoholic Korsakoff syndrome.
3 [16444899] Neural Plast 12(4):275-87 (2005)

1986 Clinical signs in the Wernicke-Korsakoff complex: a retrospective analysis of 131 cases diagnosed at necropsy.
4 [3701343] J Neurol Neurosurg Psychiatry 49(4):341-5 (1986)

1997 Wernicke-Korsakoff syndrome.
5 [9039406] Postgrad Med J 73(855):27-31 (1997)

2009 Neuroimaging findings in acute Wernicke's encephalopathy: review of the literature.
6 [19155417] AJR Am J Roentgenol 192(2):501-8 (2009)

2010 Non-alcoholic Wernicke's encephalopathy: broadening the clinicoradiological spectrum.
7 [20223908] Br J Radiol 83(989):437-46 (2010)

2008 Clinical characteristics and MR imaging features of nonalcoholic Wernicke encephalopathy.
8 [18192344] AJNR Am J Neuroradiol 29(1):164-9 (2008)

2005 MR Imaging of nonalcoholic Wernicke encephalopathy: a follow-up study.
9 [16219836] AJNR Am J Neuroradiol 26(9):2301-5 (2005)

Arbovirus	Enterovirus71	Japanese virus encephalitis	West nile virus
CCR5	Flavivirus	Lymphocytic choriomeningitis	
CNS (Encephalitis)	Hepatitis C	Rabies	
Dengue	Human herpesvirus6	Toscana virus	

2003 West Nile encephalitis.

1 [\[12702624\] BMJ 326\(7394\):865-9 \(2003\)](#)

2005 West Nile virus. Update for family physicians.

2 [\[16121831\] Can Fam Physician 51\(-\):1094-9 \(2005\)](#)

2005 West Nile virus. Primer for family physicians.

3 [\[15986939\] Can Fam Physician 51\(-\):833-7 \(2005\)](#)

2006 Pathogenesis of West Nile Virus infection: a balance between virulence, innate and adaptive immunity, and viral evasion.

4 [\[16973541\] J Virol 80\(19\):9349-60 \(2006\)](#)

2010 West nile virus: characteristics of an african virus adapting to the third millennium world.

5 [\[20517488\] Open Virol J 4\(-\):42-51 \(2010\)](#)

2005 Virology, pathology, and clinical manifestations of West Nile virus disease.

6 [\[16102303\] Emerg Infect Dis 11\(8\):1174-9 \(2005\)](#)

2005 Epidemiology and transmission dynamics of West Nile virus disease.

7 [\[16102302\] Emerg Infect Dis 11\(8\):1167-73 \(2005\)](#)

2001 Clinical findings of West Nile virus infection in hospitalized patients, New York and New Jersey, 2000.

8 [\[11589170\] Emerg Infect Dis 7\(4\):654-8 \(2001\)](#)

2001 West Nile virus: a reemerging global pathogen.

9 [\[11585520\] Emerg Infect Dis 7\(4\):611-4 \(2001\)](#)

1999 West Nile fever--a reemerging mosquito-borne viral disease in Europe.

10 [\[10511520\] Emerg Infect Dis 5\(5\):643-50 \(1999\)](#)

2004 West Nile virus: pathogenesis and therapeutic options.

11 [\[15068983\] Ann Intern Med 140\(7\):545-53 \(2004\)](#)

2002 West Nile virus: a primer for the clinician.

12 [\[12160365\] Ann Intern Med 137\(3\):173-9 \(2002\)](#)

2004 Naturally acquired West Nile virus encephalomyelitis in transplant recipients: clinical, laboratory, diagnostic, and neuropathological features.

13 [\[15313837\] Arch Neurol 61\(8\):1210-20 \(2004\)](#)

2004 West Nile virus infection in the United States.

14 [\[15313835\] Arch Neurol 61\(8\):1190-5 \(2004\)](#)

2004 West Nile virus encephalomyelitis in transplant recipients.

15 [\[15313832\] Arch Neurol 61\(8\):1181 \(2004\)](#)

2003 West nile virus encephalitis involving the substantia nigra: neuroimaging and pathological findings with literature review.

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[14568817] Arch Neurol 60(10):1448-52 (2003)

2000 Can West Nile virus outbreaks be controlled?

17 [11344722] Isr Med Assoc J 2(10):733-7 (2000)

2004 West Nile virus: a growing concern?

18 [15085186] J Clin Invest 113(8):1102-7 (2004)

2003 West Nile virus: epidemiology, clinical presentation, diagnosis, and prevention.

19 [12962168] Mayo Clin Proc 78(9):1137-43; quiz 1144 (2003)

2004 West Nile virus infection: a pediatric perspective.

20 [15121956] Pediatrics 113(5):1375-81 (2004)

2005 West Nile virus infection.

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

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ABCC8 SUR1	EIF2AK3 PERK	OMIM_x600937	Wfs1 Wolframin
Anemia (megaloblastic thiamine responsive)	FRDA1 Frataxin	Persistent hyperinsulinemic hypoglycemia of infancy	Wfs2
Berardinelli 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 Leprechaunism	OMIM_601487	Werner s syndrome	

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Cordon bleu	Leiomodin	WHAMM	
Formin	Spire		

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Wheeping cough			
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CXCR4	Immunodeficiency (Inherited)	WHIM syndrome	
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CNS (Subarachnoid hemorrhage)	Temporomandibular joint		

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Whole body (CT)	Whole body (MRT)		
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Neoplasia (MRT)	Whole body (MRT)		

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Deafness (Inherited)	Klippel Feil syndrome		
Duane retraction syndrome	Wildervanck's syndrome		

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Calcium (Hypercalciemia) Claudin3	Claudin4 Idiopathic infantile hypercalcaemia	Williams Beuren syndrome	
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CNS (Development)	Receptor (Vitamin D)	Williams syndrome	
Epigenetics	SWI SNF	WSTF	

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Adenine phosphoribosyl transferase	Cystinosis	LEC rat	Phosphoribosylpyrophosphate synthetase
Atox1	Cystinuria	Lesch Nyhan syndrome	Triethylenetetramine ttCuChelator
ATP7A	Drug repositioning	Liver (MRT)	Tyrosinemia
ATP7B	Fahr s disease	Menkes s disease	Wilson s disease
Bedlington terrier	Fanconi s syndrome	Mitochondria (Mitochondriopathy)	Xanthine
Copper	Fructose intolerance	Nephrolithiasis	
Ctr1	Huntington s disease	Oxalosis	

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Gorham Stout Syndrome	Osteolysis (Syndrome of idiopathic)		

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Bone marrow transplantation	Immunodeficiency (Inherited)	Wiskott Aldrich syndrome	
Chronic granulomatous disease	Immunodeficiency (Severe combined immunodeficiency)		

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Arterial hypertension (BASKET)	NCC	SPAK	WNK2
Cell volume	Neuron (BASKET)	Transporter (Sodium and chloride)	WNK3
Gordon s syndrome	NKCC1	Transporter (Sodium potassium and chloride)	WNK4
Hereditary sensory and autonomic neuropathy type II	NKCC2	WNK	
Kidney (Tubulus)	OSR1	WNK1	

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Aldosterone	Kidney (Tubulus)	SGK1	Wnk2
Arterial hypertension (BASKET)	Kir1.1 ROMK	SPAK	Wnk3
Familial hyperkalemic hypertension	NCC	Transporter (Sodium and chloride)	Wnk4
Ion channel (TRP Family)	NKCC1	Transporter (Sodium potassium and chloride)	
Kidney (Physiology)	NKCC2	TRPV4	
Kidney (Tubulus CCD)	OSR1	Wnk	
Kidney (Tubulus CNT)	Potassium (BASKET)	Wnk1	

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Arterial hypertension (BASKET)	NKCC2	Transporter (Sodium potassium and chloride)	WNK3
Kidney (Tubulus)	OSR1	WNK	WNK4
NCC	SPAK	WNK1	
NKCC1	Transporter (Sodium and chloride)	WNK2	

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Arterial hypertension (BASKET)	OSR1	TRPV6	WNK4
Kidney (Tubulus)	SPAK	WNK	
NCC	Transporter (Sodium and chloride)	WNK1	
NKCC1	Transporter (Sodium potassium and chloride)	WNK2	
NKCC2	TRPV5	WNK3	

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Aldosterone (Pseudohypoaldosteronism)	Kidney (Tubulus CCD)	Potassium (BASKET)	WNK
Aldosterone	Kidney (Tubulus CNT)	SGK1	WNK1
Arterial hypertension (BASKET)	Kidney (Tubulus)	SPAK	WNK2
Calbindin D28k	Kir 1.1 ROMK	Syntaxin6	WNK3
Calcium (Hypercalciuria)	NCC	Transporter (Sodium and chloride)	WNK4
Calcium (Physiology renal)	NHERF2	Transporter (Sodium potassium and chloride)	
Familial hyperkalemic hypertension	NKCC1	TRPV4	
Ion channel (TRP Family)	NKCC2	TRPV5	
Kidney (Physiology)	OSR1	TRPV6	

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Adipose tissue (Adipocyte)	GSK3	Neurotrophin	Skin (Neoplasia Melanoma)
Angiogenesis	Heart (Development)	Norrin	SOST Sclerostin
APC (Adenomatous polyposis coli)	Hedgehog	Notch	Sostdc1
BMP	Hemopoiesis (BASKET)	Osteoblasts	STAT3
Bone (Development)	Interleukin24 MDA7	Osteoporosis pseudoglioma syndrome	Stem cell (Adult somatic derived reprogrammed)
Bone (Metastasis)	JNK	Osteoporosis	Stem cell (Adult)
Bone (Osteology)	Kidney (Cyst)	Pancreas (Development)	Stem cell (Induced pluripotent)
Bone (Physiology)	Kidney (Development)	PCP planar cell polarity	Stem cell (Neoplasia)
Cilia	Lithium	PDGF	Stem cell (Niche)
Colon and rectum (Neoplasia)	Liver (Anatomy)	Prostate (Development)	T cell (Development)
Dan	Liver (Development)	Prostate (Neoplasia)	TCF1
Dickkopf1	LRP5 LDL Receptor Related Protein5 Arrow	PTEN MMAC1 TEP1	TGF beta
Differentiation inducing factors DIF from Dictyostelium discoideum	Lung (Development)	Receptor (Aromatic hydrocarbon)	Thalidomide
Dishevelled1	Mammary gland (Development)	Receptor (Interleukin20)	Thiazolidinediones
EGF Epidermal growth factor	Mammary gland (Neoplasia)	Regeneration of tissues and other biologic structures	Tubulogenesis (Development)
Embryology (BASKET)	Morphogenesis (Development)	Remodeling	Ubiquitin
Epigenetics	Mucin	Rho	van Buchem s disease
Extremities (Development)	Myc	RNA (MicroRNA)	Von Willebrand s factor
Fibrosis	Neoplasia (Carcinogenesis)	Ror2	Wnt beta Catenin TCF
FoxO	Neoplasia (Invasion and metastasis)	S100A4	
Gastrulation	Neoplasia (Tumor biology and immunology)	Sclerostosis	
GnRH	Neural tube	Skin (Development)	

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FOXL2	NR5A1 SF1	WT1	
Gonads (Development)	RSPO1		

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Wnt5a			
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Wogonine

13720

Wogonin

Wogonine			
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Endosymbiosis	Genetics (Transposon)	Wolbachia	
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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 Leprechaunism	OMIM_601487	Werner s syndrome	

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Chromosome (Deletion)	Wolf Hirschhorn syndrome		
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Heart (Atrial fibrillation) Heart (Electrocardiography)	Heart (Electrophysiological examination) Wolff Parkinson White syndrome		
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Epididymis (Anatomy)	Morphogenesis (Development)	Wolffian ducts (Development)	
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ABCC8 SUR1	Donohue s syndrome Leprechaunism	Lipodystrophy	TNDM29locus
Anemia (megaloblastic thiamine responsive)	EIF2AK3 PERK	OMIM_601487	Werner s syndrome
Bererdinelli Seip congenital lipodystrophy	ERS UFR (Induced Mediators)	OMIM_x600937	Wfs1 Wolframin
BSCL1 AGPAT2	FRDA1 Frataxin	Persistent hyperinsulinemic hypoglycemia of infancy	Wfs2
BSCL2 Seipin	Friedreich ataxia	Persistent neonatal hypoglycemia	Wolcott Rallison syndrome
Diabetes mellitus (Beta cell decay)	Glucokinase	Rabson Mendenhall s syndrome	Wolfram s syndrome DIDMOAD
Diabetes mellitus (Hereditary MODY)	GLUD1	Receptor (Insulin)	WRN
Diabetes mellitus (hereditary)	Insulin resistance type a	Receptor (PPAR gamma)	
Diabetes mellitus (neonatal)	KCNJ11 Kir6 2	SLC19A2 THTR1	

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Enzyme structure and chemistry	Plants (BASKET)	Wood Ljungdahl pathway	
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Foix Chavany Marie s syndrome	Worster Drought syndrome		
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Calcium (Intracellular)	LY294002	Phospholipase C	SB212090 ttp38MAPK
ERS UFR (Apoptosis)	p110alpha	PI103	TRB3
FoxO3A	P38MAPK	PI3K	TRPV6
GADD153 CHOP	Phosphatidylinositol 4 5 bisphosphate 5 phosphatase	Protein kinase B Akt	Wortmannin
GDC0941	Phosphatidylinositol 4 5 bisphosphate	PUMA	
IGF1	Phosphatidylinositol 4 kinase	Rapamycin	

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Amelogenin	Honey	Natural products	Regenerative healing
Angiogenesis	Keloid	Neoplasia (Tumor biology and immunology)	Tenascin
Becaplermin	Laboratory animal (Drosophila melanogaster)	Nitric oxide NO	Ulcus cruris
Botulinus toxin (Therapeutic use)	Laminin	Nitrosative stress	Wound healing
Burns (Traumatology)	Mohs micrographic surgery	Periostin	
Connexin43	MTOR	Receptor (Adenosine)	
Erythropoietin	Mucositis	Regeneration of tissues and other biologic structures	

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Cutaneous flap	Wound infection		
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WOX protein family			
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ABCC8 SUR1	DNA (Replication)	OMIM_x600937	TNDM29locus
Anemia (megaloblastic thiamine responsive)	Donohue s syndrome Leprechaunism	Persistent hyperinsulinemic hypoglycemia of infancy	TRF1
Berardinelli Seip congenital lipodystrophy	EIF2AK3 PERK	Persistent neonatal hypoglycemia	TRF2
BLM	FRDA1 Frataxin	Pot1	Werner s syndrome
BSCL1 AGPAT2	Friedreich ataxia	Rabson Mendenhall s syndrome	Wfs1 Wolframin
BSCL2 Seipin	Genetic instability	Receptor (Insulin)	Wfs2
Cell cylce (BASKET)	Glucokinase	Receptor (PPAR gamma)	Wolcott Rallison syndrome
Diabetes mellitus (Hereditary MODY)	GLUD1	Receptor (PPAR gamma)	Wolfram s syndrome
Diabetes mellitus (hereditary)	Insulin resistance type a	RECQ1	DIDMOAD
Diabetes mellitus (neonatal)	KCNJ11 Kir6 2	RECQ4	WRN
DNA (helicase)	Lipodystrophy	RECQ5	
DNA (Repair and Toxicology)	OMIM_601487	SLC19A2 THTR1	
		Telomere	

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Receptor (Vitamin D)	Williams syndrome		

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17 alpha hydroxylase 17 20 lyase	Fechtner s syndrome	LMNA Lamin C Prelamin A	RSPO1
3 beta hydroxysteroid dehydrogenase2	Folliculogenesis	LMX1B	SCARB2
3 beta hydroxysteroid dehydrogenase3	FOXL2	Mandibuloacral dysplasia	Schimke immunoosseous dysplasia
5 alpha Reductase	Frasier s syndrome	May Hegglin anomaly	Sebastian s syndrome
Action Myoclonus Renal Failure Syndrome	Galloway Mowat s syndrome	MYH9	SMAD7
ACTN4 Alpha actinin4	GMS1	Nail patella syndrome	SMARCALI
Adrenal gland (Hyperplasia congenital)	Gonads (Development)	NPHS1 Nephrin	SOX9
AMH	Hedgehog	NPHS2	Spermatogenesis and spermatozoon
AMHR2	HESX1	NR5A1 SF1	Sry
Androgens (Hypogonadotropic hypogonadism)	Hypophysis (Development)	P450 side chain cleavage	STAR
Bicoid	Infertility	P53	STAT1
Calcium (Intracellular)	INSL3 Insulin like 3 Relaxin like factor	PAX2	Steroid hormones (Synthesis)
Campomelic dysplasia	Intersex disease	Phospholipase C epsilon	Steroid resistant nephrotic syndrome
CD151 Tetraspanin	KAL	Pierson s syndrome	SRN1
CD2AP	Kallmann s syndrome	Pituitary gland (Insufficiency Panhypopituitarism)	STIM1
Coenzyme Q10	Kidney (Development)	PLCE1	Testis (Development)
Congenital nephrotic syndrome finnish type	Kidney (FSGS)	POD1	TLS FUS
COQ2	Kidney (Podocytes)	Podocin	TRA1
DAX1 NR0B1	Kreisler	PROP1	TRPC6
Denys Drash syndrome	LAMB2 Laminin beta2	Puberty (Delayed)	WNT4
Early onset familial nephrotic syndrome	Laminin	Receptor (Androgen)	WT1
Egr	Leptin	Receptor (FSH)	ZHX protein family
Epstein s syndrome	LHX3 Lim3	Receptor (GnRH)	ZMPSTE24
ERROR	LHX4	Receptor (LH)	

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BK Virus	MCPyV	SV40 virus	
JC Virus	Merkel cell virus MCV	WUPyV	

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Hyal2 hyaluronoglucosaminidase2 Hyaluronidase	SH2 SH3 protein domain TGF beta	WW protein domain WWOX	
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Hyal2 hyaluronoglucosaminidase2 Hyaluronidase	TGF beta WW protein domain	WWOX	
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Apoptosis Autoimmune lymphoproliferative syndrome BIRC4	Caspase8 Immunodeficiency (Inherited) SH2D1A	X linked lymphoproliferative disease XIAP	
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Xamoterol			
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Aldehyde oxidase	Endothelial dysfunction	Molybdenum cofactor	Xanthine oxidase
Allopurinol	Enzyme structure and chemistry	Pancreas (Neoplasia)	
CNS (Stroke BASKET)	Interleukin24 MDA7	Perillyl alcohol	

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Cystinosis	Lesch Nyhan syndrome	Phosphoribosylpyrophosphate synthetase	
Cystinuria	Mitochondria (Mitochondriopathy)	Tyrosinemia	
Fanconi s syndrome	Nephrolithiasis	Wilson s disease	

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CNS (Neoplasia)	Xanthogranuloma juvenile		
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Xanthogranulomatous cholecystitis			
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Xanthogranulomatous disease of
the orbita

13752

Xanthogranulomatoese Erkrankung
der Orbita

Xanthogranulomatous disease of the orbita			
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Xanthoma disseminatum			
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Cardioprotective agents	Xanthone		
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Dendritic cell (Immunology)	Inflammation (BASKET)	XBP1	
Gland secretory	Virus (Intracellular response)		

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Orbofiban	Xemilofiban		
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Aldo keto reductases	Gene transfer	Nrf2	St John s wort
Cholic acid	NERF2	Protein (ptm BASKET)	Xenobiotics
Cysteine S conjugate beta lyase	NR1I2 Pregnane X Receptor	Rifampin	
Data base (Medicine Biology Pharmacology)	NR1I3 CAR	Selen	

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Natural products	Xenohormesis		
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Ventilation (Heliox)	Xenon		
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Antibodies (Anti Gal)	Tolerance (Immunology)		
Organogenetic tolerance	Xenotransplantation		

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Myalgic encephalomyelitis AKA Fibromyalgia	Xenotropic murine leukemia virus related virus		
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Ataxia teleangiectasia	Hutchinson Gilford syndrome	Trichothiodystrophy	
Bloom s syndrome	Progeria	Werner s syndrome	
Cockayne s syndrome	Rothmund Thomson s syndrome	Xeroderma pigmentosum	
DNA (Repair and Toxicology)	TFIIH	XPG	

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Xeroradiography			
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Blood vessels (Vasoconstriction)	Dantrolene ttRyR1 ttRyR3	Receptor (RyR2)	Xestospongine C ttIP3R
Caffeine ttRyR	HC067047 ttTRPV4	Ryanodine ttRyR	
Calcium (Intracellular)	Receptor (Ryanodine)	TRPV4	

2012 **Implication of the ryanodine receptor in TRPV4-induced calcium response in pulmonary**
arterial smooth muscle cells from normoxic and chronically hypoxic rats.
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**XHIM X linked immunodeficiency
with hyper immunoglobulin M**

13766

**XHIM X Linked Immunodeficiency
with Hyper Immunglobulin M**

Hyper immunoglobulin M syndrome	Immunodeficiency (Inherited)	XHIM X linked immunodeficiency with hyper immunoglobulin M	
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2000 **X-linked immunodeficiency with hyper-IgM (XHIM).**
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A1 Bfl1 Apoptosis Bcl xl BIRC4	Caspase COMMD1 Copper FLIP	Immunodeficiency (Inherited) NFKB Redox (BASKET) SH2D1A	Transporter (Copper) X linked lymphoproliferative disease XIAP
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Melagatran	Ximelagatran		
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Air (RNA)	Kcnq1ot1	RNA (non coding)	
Genetics (Imprinting)	Menkes s disease	Xist and X chromosomal inactivation	

2008 X-chromosome inactivation and skin disease.1 [\[18509358\] J Invest Dermatol 128\(12\):2753-9 \(2008\)](#)**1998 Regulation of X-chromosome inactivation in development in mice and humans.**2 [\[9618446\] Microbiol Mol Biol Rev 62\(2\):362-78 \(1998\)](#)**2002 Cellular and molecular pathways regulating mammalian sex determination.**3 [\[12017538\] Recent Prog Horm Res 57\(-\):1-18 \(2002\)](#)**2008 X-chromosome inactivation: the molecular basis of silencing.**4 [\[18983701\] J Biol 7\(8\):30 \(2008\)](#)**2008 X inactivation, female mosaicism, and sex differences in renal diseases.**5 [\[18448583\] J Am Soc Nephrol 19\(11\):2052-9 \(2008\)](#)**2008 New twists in X-chromosome inactivation.**6 [\[18508252\] Curr Opin Cell Biol 20\(3\):349-55 \(2008\)](#)**2010 Escape from X inactivation in mice and humans.**7 [\[20573260\] Genome Biol 11\(6\):213 \(2010\)](#)**2007 Noncoding RNAs and chromatin structure.**8 [\[18282134\] Biochemistry \(Mosc\) 72\(13\):1422-38 \(2007\)](#)**2009 X chromosome inactivation sparked by non-coding RNAs.**9 [\[19246991\] RNA Biol 6\(2\):94-9 \(2009\)](#)**2006 Dosage compensation in mammals: fine-tuning the expression of the X chromosome.**10 [\[16847345\] Genes Dev 20\(14\):1848-67 \(2006\)](#)**2009 Epigenetics of imprinted long noncoding RNAs.**11 [\[19617707\] Epigenetics 4\(5\):277-86 \(2009\)](#)**2009 Epigenetic regulation of X-inactivation in human embryonic stem cells.**12 [\[19106643\] Epigenetics 4\(1\):19-22 \(2009\)](#)**2010 Mechanistic concepts in X inactivation underlying dosage compensation in mammals.**13 [\[20068589\] Heredity \(Edinb\) 105\(1\):64-70 \(2010\)](#)**2011 Favorably skewed X-inactivation accounts for neurological sparing in female carriers of Menkes disease.**14 [\[20497190\] Clin Genet 79\(2\):176-82 \(2011\)](#)**2010 XIST RNA and architecture of the inactive X chromosome: implications for the repeat genome.**15 [\[21447818\] Cold Spring Harb Symp Quant Biol 75\(-\):345-56 \(2010\)](#)**2011 XCI in preimplantation mouse and human embryos: first there is remodelling....**16 [\[21647603\] Hum Genet 130\(2\):203-15 \(2011\)](#)**2011 Evolutionary diversity and developmental regulation of X-chromosome inactivation.**17 [\[21687993\] Hum Genet 130\(2\):307-27 \(2011\)](#)

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Axitinib	Pazopanib	Thyroid (Neoplasia)	XL184
Motesanib	Sorafenib	Vadetanib	

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53BP1 Artemis	DNA (Repair and Toxicology) DNA PK	Ku70 Ku80	XLF Cernunnos
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SAP protein family	SLAM	XLP X linked lymphoproliferative disease	
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2 5A	RNA (RNase L)		
Retrovirus (endogenous)	XMRV		

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DNA (Repair and Toxicology) ERCC1	XPA XPF		
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TFIIH	TTDA	XPB	
Trichothiodystrophy	XPB		

2009 Trichothiodystrophy view from the molecular basis of DNA repair/transcription factor
TFIIH.
1 [19808800] Hum Mol Genet 18(R2):R224-30 (2009)

TFIIH	TTDA	XPD	
Trichothiodystrophy	XPB		

2009 Trichothiodystrophy view from the molecular basis of DNA repair/transcription factor
TFIIH.
1 [19808800] Hum Mol Genet 18(R2):R224-30 (2009)

DNA (Repair and Toxicology) ERCC1	XPA XPF		
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2008 DNA repair gets physical: mapping an XPA-binding site on ERCC1.
1 [18343204] DNA Repair (Amst) 7(5):819-26 (2008)

Cockayne s syndrome DNA (Repair and Toxicology) Holliday junction	TFIIH Trichothiodystrophy UvrC GIY protein domain	Xeroderma pigmentosum XPG	
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2010 **GEN1/Yen1 and the SLX4 complex: Solutions to the problem of Holliday junction resolution.**
¹ [20203129] Genes Dev 24(6):521-36 (2010)

2008 **Hot topics in DNA repair: the molecular basis for different disease states caused by mutations in TFIIH and XPG.**
² [18077223] DNA Repair (Amst) 7(2):339-44 (2008)

DNA (Polymerase)	PARP1	XRCC1	
DNA (Repair and Toxicology)	PNKP Polynucleotide kinase phosphatase	XRCC4	

2011 Tidying up loose ends: the role of polynucleotide kinase/phosphatase in DNA strand break repair.

1 [21353781] Trends Biochem Sci 36(5):262-71 (2011)

2007 Hypersensitivity phenotypes associated with genetic and synthetic inhibitor-induced base excision repair deficiency.

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2007 A unified view of base excision repair: lesion-dependent protein complexes regulated by post-translational modification.

3 [17337257] DNA Repair (Amst) 6(6):695-711 (2007)

DNA (Replication)	Holliday junction	XRCC3	
DNA (Resolvase)	RAD51C		

2007 Resolving RAD51C function in late stages of homologous recombination.

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DNA (Repair and Toxicology)	XRCC1		
PNKP Polynucleotide kinase phosphatase	XRCC4		

2011 Tidying up loose ends: the role of polynucleotide kinase/phosphatase in DNA strand break repair.
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BCA2	RNF5	SMURF2	XRNF185
Cbl	SCF (betaTRCP)	TRIM32	
HDM2	SMURF1	Ubiquitin	

2010 Roles of E3 ubiquitin ligases in cell adhesion and migration.

1 [20009572] Cell Adh Migr 4(1):10-8 (2010)

DNA (Repair and Toxicology) Mre11	Rad50 Sae2	Xrs2	
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2010 Making the best of the loose ends: Mre11/Rad50 complexes and Sae2 promote DNA double-strand break resection.
1 [21050828] DNA Repair (Amst) 9(12):1283-91 (2010)

Xylene			
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2010 Xylene: An overview of its health hazards and preventive measures.

1 [\[21180450\]](#) J Oral Maxillofac Pathol 14(1):1-5 (2010)

Tooth (Caries)	Xylitol		
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2009 Xylitol, mutans streptococci, and dental plaque.

1 [19717413] Adv Dent Res 21(1):74-8 (2009)

2010 Sugar alcohols, caries incidence, and remineralization of caries lesions: a literature review.

2 [20339492] Int J Dent 2010(-):981072 (2010)

2008 The impact of polyol-containing chewing gums on dental caries: a systematic review of original randomized controlled trials and observational studies.

3 [19047666] J Am Dent Assoc 139(12):1602-14 (2008)

2008 The potential of dental-protective chewing gum in oral health interventions.

4 [18451371] J Am Dent Assoc 139(5):553-63 (2008)

2006 The use of sorbitol- and xylitol-sweetened chewing gum in caries control.

5 [16521385] J Am Dent Assoc 137(2):190-6 (2006)

Receptor (Interleukin20)	Y134R		
Receptor (Interleukin22)	Yaba like disease virus		

2004 A new member of the interleukin 10-related cytokine family encoded by a poxvirus.
1 [15166422] J Gen Virol 85(Pt 6):1401-12 (2004)

Receptor (Interleukin20)	Y134R		
Receptor (Interleukin22)	Yaba like disease virus		

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1 [15166422] J Gen Virol 85(Pt 6):1401-12 (2004)

YAP1

13788

YAP1

YAP1			
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2010 **YAP1--friend and foe.**
[1](#) [\[20372091\]](#) Cell Cycle 9(8):1447-8 (2010)

ASPP protein family	P53	YB1	
E2F	Pin1		

2006 Some p53-binding proteins that can function as arbiters of life and death.
1 [16575404] Cell Death Differ 13(6):984-93 (2006)

Synthetic biology	Yeast (Labory applications)		
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2010 Expressing and functional analysis of mammalian apoptotic regulators in yeast.

1 [19911009] Cell Death Differ 17(5):737-45 (2010)

2010 A survey of yeast genomic assays for drug and target discovery.

2 [20546776] Pharmacol Ther 127(2):156-64 (2010)

Funghi and Yeasts (Signal transduction)	Yeast and Funghi (Quorum sensing)		
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2006 Talking to themselves: autoregulation and quorum sensing in fungi.
1 [16607008] Eukaryot Cell 5(4):613-9 (2006)

2011 Cell signals, cell contacts, and the organization of yeast communities.
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Yeast and funghi (Resistance)			
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Mammalian two hybrid	Yeast two hybrid		
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2004 Chemical dimerizers and three-hybrid systems: scanning the proteome for targets of organic small molecules.

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2004 Results and prospects of the yeast three-hybrid system.

8 [14706817] FEBS Lett 556(1-3):7-12 (2004)

2000 Genome-wide protein interaction maps using two-hybrid systems.

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1997 Two's company, three's a crowd: the yeast two hybrid system for mapping molecular interactions.

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2009 Yeast two-hybrid, a powerful tool for systems biology.

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2008 Resolving the network of cell signaling pathways using the evolving yeast two-hybrid system.

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2009 Mammalian two-hybrids come of age.

13 [19786350] Trends Biochem Sci 34(11):579-88 (2009)

2005 High-throughput two-hybrid analysis. The promise and the peril.

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YEATS protein domain			
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2010 Reading chromatin: insights from yeast into YEATS domain structure and function.

1 [\[20657183\]](#) *Epigenetics* 5(7):573-7 (2010)

Arenavirus	Filovirus	Junin Virus	Rift Valley fever virus
Biological warfare	Flavivirus	Kyasanur Forest disease	Sabia virus
Bunyaviridae	Guanarito Virus	Lassa virus	Vaccination fatalities
Crimean Congo haemorrhagic fever	Haemorrhagic fever with renal syndrome	Machupo Virus	Yellow fever
Dengue	Hanta virus	Marburg virus	
Ebola	Hemorrhagic fever	Omsk haemorrhagic fever	

1975 Editorial: Yellow fever.

1 [1139255] Br Med J 3(5976):121-2 (1975)

2007 Yellow fever: epidemiology and prevention.

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2011 Yellow fever virus vaccine-associated deaths in young women.

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2002 Fatal yellow fever in a traveler returning from Amazonas, Brazil, 2002.

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Peptide tags	Yellow fluorescent protein		
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2009 Altered biochemical properties of transient receptor potential vanilloid 6 calcium channel by peptide tags.

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Yentl s syndrome			
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2000 **New light on the Yentl syndrome.**
1 [\[10806007\] Eur Heart J 21\(11\):874-5 \(2000\)](#)

Yersinia			
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1998 The virulence plasmid of Yersinia, an antihost genome.

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Biomembranes (BASKET)	YidC protein family		
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2004 YidC family members are involved in the membrane insertion, lateral integration, folding, and assembly of membrane proteins.
¹ [15364957] J Cell Biol 166(6):769-74 (2004)

Atherosclerosis (BASKET)	YKL40		
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2006 Studies on serum YKL-40 as a biomarker in diseases with inflammation, tissue remodelling, fibroses and cancer.

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YM872			
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2002 **YM872: a selective, potent and highly water-soluble alpha-amino-3-hydroxy-5-methylisoxazole-4-propionic acid receptor antagonist.**
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Organic synthesis	Ynamides		
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2010 Ynamides: a modern functional group for the new millennium.

1 [20429503] Chem Rev 110(9):5064-106 (2010)

Phobia (Neurophysiology)	Yohimbine		
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2010 Pharmacological facilitation of fear extinction and the search for adjunct treatments
for anxiety disorders--the case of yohimbine.
¹ [20036429] Trends Pharmacol Sci 31(1):2-7 (2010)

AGM region	Hemopoiesis (embryonal)	Yolk sac	
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2010 Primitive and definitive erythropoiesis in the yolk sac: a bird's eye view.

1 [20563984] Int J Dev Biol 54(6-7):1033-43 (2010)

2010 Primitive erythropoiesis in the mammalian embryo.

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2010 Embryonic origin of human hematopoiesis.

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Hippo signaling pathway	Yorkie		
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2010 **Yorkie: the final destination of Hippo signaling.**
1 [\[20452772\]](#) Trends Cell Biol 20(7):410-7 (2010)

Yunis Varon s syndrome			
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1993 **Congenital heart malformation in Yunis-Varón syndrome.**
1 [\[8411078\]](#) J Med Genet 30(9):788-92 (1993)

1989 **Further delineation of the Yunis-Varon syndrome.**
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Yusho			
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2003 **Yusho in Japan.**
1 [\[12916743\]](#) Ind Health 41(3):139-48 (2003)

YY1			
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2008 **The Yin and Yang of YY1 in the nervous system.**
1 [\[18485096\]](#) J Neurochem 106(4):1493-502 (2008)

Z disc			
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2004 **At the crossroads of myocardial signaling: the role of Z-discs in intracellular signaling and cardiac function.**
¹ [14976140] [Circ Res 94\(3\):296-305 \(2004\)](#)

Allergic rhinitis	Leukotrienes	Pranlukast	Zileuton
Antiinflammatory compounds	Montelukast	Zafirlukast	

2010 Antileukotriene drugs in the treatment of asthma.
1 [20332717] Pol Arch Med Wewn 120(3):103-8 (2010)

81C6 ttTenascin	Daclizumab ttIL2R	Ipilimumab ttCTLA4	Ranibizumab ttVEGF
Abatacept ttCTLA4Conjugate	Dalotuzumab ttIGF1R	Lapatinib	Raxibacumab ttAnthrax
Abciximab ttGPIIAIIIB	Denosumab ttRANKL	Mepolizumab ttIL5	REGN88 ttIL6R
Adalimumab ttTNFalpha	Eculizumab ttFactorH	Motavizumab ttRSVirus	Reslizumab ttIL5
AIN457	Efalizumab ttLFA1	MuromonabCD3 ttCD3	Rilonacept ttIL1R
Alemtuzumab ttCD52	Epratuzumab ttCD22	Naptumomab estafenatox tt5T4	Rituximab ttCD20
AMG386 ttAngiopoietin1 ttAngiopoietin2	Erlotinib ttEGFR	Natalizumab ttIntegralpha4	Solanezumab ttAmyloidBeta
Antibodies (therapeutic use)	Etanercept ttTNFalpha	Necitumumab ttEGFR	T1H ttCD6
Atacept ttBlys ttAPRIL	FactorIXFc ttFactorIX	Nimotuzumab ttEGFR	Tanezumab ttNGF
Bapineuzumab ttAmyloidBeta	FactorVIII Fc ttFactorVIII	Obinutuzumab ttCD20	Teplizumab ttCD3
Basiliximab ttIL2R	Farletuzumab ttFolateRalpha	Ocrelizumab ttCD20	Tocilizumab ttIL6
Belatacept ttCD80 ttCD86	Figitumumab ttIGF1R	Ofatumumab ttCD20	Tositumomab ttCD20
Belimumab ttBLYS	Galiximab ttCD80	Omalizumab ttCD20	Trastuzumab emtansine ttHER2
Bevacizumab ttVEGF	Gefitinib ttEGFR	ORL (Neoplasia)	Trastuzumab ttHER2
Brentuximab vedotin ttCD30	Gemtuzumab ozogamicin ttCD33	Otelixizumab ttCD3	Tremelimumab ttCLTA4
Briakinumab ttIL12 ttIL23	Girentuximab ttCarbomicAnhydraseIX	Pagibaximab ttLipoteichoicAcidStaphlococcus	Ustekinumab ttIL12 ttIL23
Canakinumab ttIL1beta	Golimumab ttTNFalpha	Palivizumab ttRSVirusFprotein	Vedolizumab ttIntegrina4b7
Catumaxomab ttEpCAM ttCD3 linkerAb	Ibritumomab tiuxentan yttrium ttCD20	Panitumomab ttEGFR	Zalutumumab ttEGFR
Certolizumab ttTNFalpha	Infliximab ttTNFalpha	Pertuzumab ttHER2	Zanulimumab ttCD4
Cetuximab ttEGFR	Inotuzumab ozogamicin ttCD22	Ramucirumab ttVEGFR2	

2011 Antibody-based therapeutics to watch in 2011.

1 [21051951] MAbs 3(1):76-99 (2011)

2010 Antibodies to watch in 2010.

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2010 Epidermal growth factor receptor targeted therapy in stages III and IV head and neck cancer.

3 [20567625] Curr Oncol 17(3):37-48 (2010)

Amantadine	Oseltamivir		
Influenza	Zanamivir		

2007 Zanamivir for the prevention of influenza in adults and children age 5 years and older.
1 [18488077] Ther Clin Risk Manag 3(3):461-5 (2007)

2009 Amantadine, oseltamivir and zanamivir for the prophylaxis of influenza (including a review of existing guidance no. 67): a systematic review and economic evaluation.
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Abatacept ttCTLA4Conjugate	Cetuximab ttEGFR	MuromonabCD3 ttCD3	Rilonacept ttIL1R
Abciximab ttGPIIAIIIB	Daclizumab ttIL2R	Naptumomab estafenatox tt5T4	Rituximab ttCD20
Adalimumab ttTNFalpha	Dalotuzumab ttIGF1R	Natalizumab ttIntegralpha4	Solanezumab ttAmyloidBeta
AIN457	Denosumab ttRANKL	Necitumumab ttEGFR	T1H ttCD6
Alemtuzumab ttCD52	Eculizumab ttFactorH	Nimotuzumab ttEGFR	Teplizumab ttCD3
AMG386 ttAngiopoietin1 ttAngiopoietin2	Efalizumab ttLFA1	Obinutuzumab ttCD20	Tocilizumab ttIL6
Antibodies (therapeutic use)	Epratuzumab ttCD22	Ofatumumab ttCD20	Tositumomab ttCD20
Atacept ttBlys ttAPRIL	Etanercept ttTNFalpha	Omalizumab ttCD20	Trastuzumab emtansine ttHER2
Bapineuzumab ttAmyloidBeta	FactorIXFc ttFactorIX	Otelixizumab ttCD3	Trastuzumab ttHER2
Basiliximab ttIL2R	FactorVIIIc ttFactorVIII	Pagibaximab ttLipoteichoicAcidStaphylococcus	Tremelimumab ttCLTA4
Belatacept ttCD80 ttCD86	Farletuzumab ttFolateRalpha	Palivizumab ttRSVirusFprotein	Ustekinumab ttIL12 ttIL23
Belimumab ttBLYS	Gemtuzumab ozogamicin ttCD33	Panitumomab ttEGFR	Vedolizumab ttIntegrin4b7
Bevacizumab ttVEGF	Girentuximab ttCarbomicAnhydraseIX	Pertuzumab ttHER2	Zalutumumab ttEGFR
Brentuximab vedotin ttCD30	Golimumab ttTNFalpha	Ramucirumab ttVEGFR2	Zanulimumab ttCD4
Briakinumab ttIL12 ttIL23	Ibritumomab tiuxentan yttrium ttCD20	Ranibizumab ttVEGF	
Canakinumab ttIL1beta	Infliximab ttTNFalpha	Raxibacumab ttAnthrax	
Catumaxomab ttEpCAM ttCD3 linkerAb	Ipilimumab ttCTLA4	REGN88 ttIL6R	
Certolizumab ttTNFalpha	Motavizumab ttRSVirus	Reslizumab ttIL5	

2011 Antibody-based therapeutics to watch in 2011.

1 [21051951] MAbs 3(1):76-99 (2011)

RNA (nRNA BASKET)	ZAP		
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2008 **ZAP-mediated mRNA degradation.**
1 [18418085] RNA Biol 5(2):65-7 (2008)

Leukemia (chronic lymphatic)	T cell receptor	ZAP70	
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2010 ZAP-70: an essential kinase in T-cell signaling.

1 [20452964] Cold Spring Harb Perspect Biol 2(5):a002279 (2010)

2006 Flow cytometry for ZAP-70: New colors for chronic lymphocytic leukemia.

2 [16906579] Cytometry B Clin Cytom 70(4):201-3 (2006)

2006 What is ZAP-70?

3 [16906576] Cytometry B Clin Cytom 70(4):204-8 (2006)

2006 ZAP-70 in CLL: towards standardization of a biomarker for patient management: history of clinical cytometry special issue.

4 [16906575] Cytometry B Clin Cytom 70(4):197-200 (2006)

Butyrate	ZBP89		
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2003 **ZBP-89 mediates butyrate regulation of gene expression.**
1 [\[12840224\] J Nutr 133\(7 Suppl\):2456S-2460S \(2003\)](#)

Endothelin	Prostate (Neoplasia)	ZD4054 ttET1RA	
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2008 **ZD4054: a specific endothelin A receptor antagonist with promising activity in metastatic castration-resistant prostate cancer.**
1 [18616419] Expert Opin Investig Drugs 17(8):1237-45 (2008)

Angiogenesis	ZD6126	ZD6474	
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In vivo videomicroscopy reveals differential effects of the vascular-targeting agent 2004 ZD6126 and the anti-angiogenic agent ZD6474 on vascular function in a liver metastasis model.
1 [15516836] Angiogenesis 7(2):157-64 (2004)

Angiogenesis	ZD6126	ZD6474	
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In vivo videomicroscopy reveals differential effects of the vascular-targeting agent 2004 ZD6126 and the anti-angiogenic agent ZD6474 on vascular function in a liver metastasis model.
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[15516836] Angiogenesis 7(2):157-64 (2004)

5 Fluorouracil Raltitrexed	Thymidylate synthase ZD9331		
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2002 Thymidylate synthase: a critical target for cancer chemotherapy.
1 [12450420] Clin Colorectal Cancer 1(4):220-9 (2002)

Fumonisin	Trichothecene	Zearalenone	
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2008 Fumonisin, trichothecenes and zearalenone in cereals.

1 [19330061] [Int J Mol Sci 9\(11\):2062-90 \(2008\)](#)

Epithelio mesenchymal transition	ZEB1		
RNA (MicroRNA)	ZEB2		

2010 The ZEB/miR-200 feedback loop--a motor of cellular plasticity in development and cancer?

1 [20706219] EMBO Rep 11(9):670-7 (2010)

Epithelio mesenchymal transition	ZEB1		
RNA (MicroRNA)	ZEB2		

2010 The ZEB/miR-200 feedback loop--a motor of cellular plasticity in development and cancer?

1 [20706219] EMBO Rep 11(9):670-7 (2010)

Purkinje cell	Zebrin II		
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2010 Zebrin II expressing Purkinje cell phenotype-related and -unrelated cerebellar abnormalities in Cav2.1 mutant, rolling mouse Nagoya.
¹ [20953553] ScientificWorldJournal 10(-):2032-8 (2010)

17 beta hydroxysteroid dehydrogenase	Adrenoleukodystrophy X linked	Fatty acids (oxidation)	PEX19
ABCD1	Adrenoleukodystrophy	HACL1 2 Hydroxyacyl CoA lyase 1	PEX2
ABCD2	Adrenomyeloneuropathy	HAO2 Hydroxyacid oxidase 2 long chain	PEX26
ABCD3 GCP60 PAP7 GOCAP1 GOLPH1	ALDH3A2 Aldehyde dehydrogenase3A2	HSD17B4	PEX3
ACAA1 Acetyl CoA acyltransferase1	alpha Oxidation	HSDL2 Hydroxysteroid dehydrogenase like2	PEX5
ACAD11 Acyl CoA dehydrogenase11	AMACR	Hypercholanemia familial	PEX6
ACNAT1 Acyl CoA amino acid N acyltransferase	BAAT	Ichthyosis prematurity syndrome FATP4 deficiency ACSVL5 deficiency	PHYH
ACOT12 Acyl CoA thioesterase12	beta oxidation	IdH1 Isocitrate dehydrogenase1 NADP soluble	Phytanic acid
ACOT2 Acyl CoA thioesterase2	CAT Catalase	MFP1	Pristanic acid
ACOT4 Acyl CoA thioesterase4	Cholic acid	NUDT12 Nudix type motif12	PTS1
ACOT6 Acyl CoA thioesterase6	CRAT Carnitine acetyltransferase	NUDT7 Nudix type motif 7	PTS2
ACOT8 Acyl CoA thioesterase8	CROT Carnitine O octanoyltransferase	OMIM p603850	Racemase deficiency
ACOX1 Acyl CoA oxidase1a 1b	D bifunctional protein deficiency MFP2 deficiency SCPx deficiency	PECI Peroxisomal d3 d2 enoyl CoA isomerase	Refsum s disease
ACOX2 Acyl CoA oxidase2	DECR2 2 4 Dienoyl CoA reductase 2 peroxisomal	Peroxisomes	Rhizomelic chondrodysplasia punctata
ACOX3 Acyl CoA oxidase3	DHRS4 Dehydrogenase reductase SDR family 4	PEX1	SCP2
ACOXI	DNML1	PEX10	SLC27A2
ACOXL Acyl CoA oxidase like	ECH1 Enoyl CoA hydratase 1 peroxisomal	PEX12	SLC27A4 FATP4
ACSL1 Acyl CoA synthetase long chain1	EHHADH Enoyl CoA hydratase 3 hydroxyacyl CoA dehydrogenase	PEX13	TYSND1
ACSL4 Acyl CoA synthetase long chain4	FAR1 Fatty acyl CoA reductase1	PEX14	Zellweger s syndrome
Adrenoleukodystrophy pseudoneonatal ACOX1 deficiency	FAR2 Fatty acyl CoA reductase2	PEX16	

1988 History of the cerebrohepatorenal syndrome of Zellweger and other peroxisomal disorders.

1 [2450404] South Med J 81(3):357-64 (1988)

1999 Picture of the month. Zellweger (cerebro-hepato-renal) syndrome.

2 [10520622] Arch Pediatr Adolesc Med 153(10):1105-6 (1999)

1996 Zellweger syndrome and associated phenotypes.

3 [8933342] J Med Genet 33(10):863-8 (1996)

Unique multifunctional HSD17B4 gene product: 17beta-hydroxysteroid dehydrogenase 1999 4 and D-3-hydroxyacyl-coenzyme A dehydrogenase/hydratase involved in Zellweger syndrome.
4 [\[10343282\] J Mol Endocrinol 22\(3\):227-40 \(1999\)](#)

2010 Biochemistry and genetics of inherited disorders of peroxisomal fatty acid metabolism.
5 [\[20558530\] J Lipid Res 51\(10\):2863-95 \(2010\)](#)

Zenker s diverticulum			
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2008 Therapy of Zenker's diverticulum.

1 [\[19633762\]](#) Dtsch Arztebl Int 105(7):120-6 (2008)

2010 Endoscopic treatment of Zenker's diverticulum by carbon dioxide laser.

2 [\[20559466\]](#) Acta Otorhinolaryngol Ital 30(1):1-4 (2010)

2006 20 years experience in the management of Zenker's diverticulum in a third-level hospital.

3 [\[16948542\]](#) Rev Esp Enferm Dig 98(6):429-35 (2006)

Kidney (Podocytes)	PAX2	WT1	
Kreisler	POD1	ZHX protein family	
LMX1B	SMAD7		

2007 **Transcriptional regulation of podocyte disease.**
1 [17466922] Transl Res 149(5):237-42 (2007)

CNS (Development)	Zic		
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2007 Emerging roles for zic genes in early development.

1 [\[17330889\]](#) Dev Dyn 236(4):922-40 (2007)

2011 Role of BMP, FGF, calcium signaling, and Zic proteins in vertebrate neuroectodermal differentiation.

2 [\[21336820\]](#) Neurochem Res 36(7):1286-92 (2011)

Pain medicine (BASKET)	Pain Therapy (Intrathecal)	Ziconotide	
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2007 Ziconotide: a review of its pharmacology and use in the treatment of pain.

1 [19300539] Neuropsychiatr Dis Treat 3(1):69-85 (2007)

2010 Considerations and methodology for trialing ziconotide.

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Angiogenesis	Teratogenesis		

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Zika virus			
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Allergic rhinitis Antiinflammatory compounds	Leukotrienes Montelukast	Pranlukast Zafirlukast	Zileuton
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Zinc alpha2 glycoprotein			
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Zinc finger protein motif			
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Iron (Deficiency)	Zinc protoporphyrin		
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1 implications of recent illness.**
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Aconitase	Iron (Medical aspects)	Nitrosative stress	Structure det. tissue level to single molecule localization
Apoptosis	Mammary gland (Neoplasia)	Prostate (BASKET)	
Blood vessels (Physiology)	Manganese	Prostate (Neoplasia)	Transporter (Zinc)
Citric acid cycle	Metallothionein	S nitrosothiol	Zinc
Copper	Neurodegeneration	SLC30A8 ZnT8	ZIP1
Insulin (Biosynthesis and Regulation)	Nitric oxide NO	SLC39A6	

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Zinn Haller circle			
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Zinner s syndrome			
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Aconitase	Prostate (BASKET)	Transporter (Zinc)	ZIP1
Citric acid cycle	Prostate (Neoplasia)	Zinc	

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DAP kinase	DRP1		
DAPk	ZIPk		

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ZIPk protein family and cancer.
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Antipsychotic agents	Schizophrenia		
Bipolar disorder	Ziprasidone		

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CDC42	DH protein domain	Rho	
CDM protein family	DOCKER CZH2 DHR2 protein domain	Zizimin protein family	
CZH protein family	Rac		

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Action Myoclonus Renal Failure Syndrome	Fechtner s syndrome	May Hegglin anomaly	Schimke immunoosseous dysplasia
ACTN4 Alpha actinin4	Frasier s syndrome	MYH9	
CD151 Tetraspanin	Galloway Mowat s syndrome	Nail patella syndrome	Sebastian s syndrome
CD2AP	GMS1	NPHS1 Nephrin	SMARCALI
Coenzyme Q10	Kidney (FSGS)	NPHS2	Steroid resistant nephrotic syndrome
Congenital nephrotic syndrome finnish type	LAMB2 Laminin beta2	Phospholipase C epsilon	SRN1
COQ2	Laminin	Pierson s syndrome	TRPC6
Denys Drash syndrome	LMNA Lamin C Prelamin A	PLCE1	WT1
Early onset familial nephrotic syndrome	LMX1B	Podocin	ZMPSTE24
Epstein s syndrome	Mandibuloacral dysplasia	SCARB2	

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CIC1 Ion channel DMPK	MBNL1 Myotonia	Myotonic dystrophy SCN4A	ZNF9
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EVER1	Human papilloma virus	ZnT1	
EVER2	Transporter (Zinc)		

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Claudin	Tight junction	ZO2	
Kidney (Tubulus)	ZO1	ZONAB	

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Claudin	Z01		
Tight junction	Z02		

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Zofenopril			
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Osteoporosis	Zoledronic acid		
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Cysteamine	Gastrin	Proton pump inhibitors	Zollinger Ellison s syndrome
Cystinosis	Histamine	Stomach (pH metry)	

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Almotriptan	Migraine	Telcagepant ttCGRP	
Calcitonin gene related peptide	Naratriptan	Triptans	
Frovatriptan	Sumatriptan	Zolmitriptan	

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Insomnia	Receptor (GABA A)	Zolpidem	
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radical generation.
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Fertilization	Zona pellucida		
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Kidney (Chronic renal failure)	ZO1		
Kidney (Tubulus)	ZONAB		

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Spermatogenesis and spermatozoon	Zonadhesin		
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Transporter (Sodium and proton)	Zoniporide		
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Epilepsy (BASKET)	Parkinson s disease	Zonisamide	
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Ant	Zoology		
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Infection (Immunodeficiency)	Zoonosis		
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Zopiclon			
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Agouti	Krox20 Egr2	Obesity (BASKET)	Zucker rat
Arcuate nucleus	Leptin	Otsuka Long Evans	
Db mouse	Neuropeptide Y	Tokushima fatty rat	
Dorsomedial nucleus	Nutrition (Neuroendocrinology)	OLETF rat	
Koletsky rat	ob ob mouse	Paraventricular nuclei	
		Tubby mouse	
		Ventromedial nucleus	

2006 Neuropeptide Y in normal eating and in genetic and dietary-induced obesity.

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CNS (Neoplasia Glioma)	JNK	SP600125 ttJNK1 ttJNK2 ttJNK3	
IETD ttCaspase9	LEHD ttCaspase9	zVAD ttCaspases	
Interleukin24 MDA7	Radiation therapy		

2004 MDA-7 regulates cell growth and radiosensitivity in vitro of primary (non-established)
human glioma cells.
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Cell cycle (Spindle checkpoint) Cell secretion (Granule secretion)	Dynein Kinetochore	Rod (Protein) ZW10	Zwilch
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Dröoling	Glycopyrrolate	zweg	
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Cell cycle (Spindle checkpoint)	ZW10		
Rod (Protein)	Zwilch		

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Centriole	SAS4		
Centrosome	ZYG1		

2002 The ZYG-1 kinase, a mitotic and meiotic regulator of centriole replication.

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2009 Disseminated zygomycosis with involvement of the central nervous system.

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AIDCA AID cytidine deaminase	Germ cell (allg)		
DNA (Methylation)	Zygote		

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Zymomonas			
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1977

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The biology of Zymomonas.

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CAS	Nmp4	Zyxin	
CIZ	PTH (Parathyroid hormone)		

2010 Nmp4/CIZ: road block at the intersection of PTH and load.
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Aids	Evo Devo	Lipin3	Oxygen (Hypoxia)
Apoptosis	Evolution	Lipins	Signal transduction
CDC4	Filovirus	Liquorrhea	Vasculitis (ANCA associated)
Cholesterol	Genetic instability	Marburg virus	Vertical expandable prosthetic titanium rib
Claudin7	Interleukin6	Mold and slime mold	ZONAB
Dendritic cell (Immunology)	Kidney (Chronic renal failure)	Neonatology	Zoology
Ebola	Lentivirus	Neoplasia (Tumor biology and immunology)	
Epiphany	Lipin1	Neutrophil extracellular traps	
Equine infectious anemia virus EIAV	Lipin2	Nitrosative stress	

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15 deoxy delta 12 14 PGJ2	Death receptor5 DR5	Intoxication	Postural control
15 PGDH15	Decorin	Intracellular pathogens	Prebiotic chemistry
hydroxyprostaglandin dehydrogenase	DECR1 2 4 dienoyl CoA reductase1	Intravascular papillary endothelial hyperplasia	Prefrontal cortex
2 5 Oligoadenylate synthetase	Dectin1	Intrusive images	Pregnancy (Induction of Labor)
2 5A	Dectin2	Invadopodia	Pregnancy ectopic
3 alpha hydroxy 5 alpha pregnan 20 one	DEHAL	Ion channel (BASKET)	Prenatal diagnostics
3 HMG CoA reductase	Dehydrodolichyl diphosphate synthase	Ion channel (Calcium)	Primary carnitine deficiency
3D MSI	Delirium	IPEX syndrome	Primitive streak
5T4 Oncotrophoblast glycoprotein	Delphi technique	IRAP	Prions and associated diseases
ABC protein family	Dementia (BASKET)	Iron (Chelator)	Probiotics
ABCA1	Demyelination	Iron (Medical aspects)	Procalcitonin
ABCA3	Dendrimer	Iron (Toxicology)	Proliferative vitreoretinopathy
ABCB1 P glycoprotein	Dendritic cell (Immunology)	Irritable bowel syndrome	Prolyl hydroxylases
ABCB7	Dendritic cell (Plasmacytoid)	Ischemia reperfusion	Promoter
ABCD1	Depression	Ischemic preconditioning	Propofol
ABCG1	Dermatology (BASKET)	ISCU	Prostaglandin A2
Abl	Desmopressin	Isoprostane	Prostaglandin J2
Abscisic acid	Deuterostome	JAK STAT	Prostaglandins
ACAA2 MCKAT medium chain 3 ketoacyl CoA thiolase	Developmental field (Development)	Jak2	Prostate (Neoplasia)
ACAD9	Developmental origin of disease	JAK2V617F	Protease (Intramembraneous)
ACADM MCAD Medium chain acyl CoA dehydrogenase deficiency	Diabetes mellitus (BASKET)	JNK	Protease (Proprotein convertase)
ACADS SCAD short chain acyl CoA dehydrogenase	Diabetes mellitus (Involvement central peripheral autonomic nervous systems)	Joubert s syndrome	Proteasome (BASKET)
ACADVL VLCAD Very long chain acyl CoA synthetase	Diabetes mellitus (Involvement eye)	Kawasaki s disease	Protectin
ACC1 Acetyl CoA carboxylase1	Diabetes mellitus (Involvement heart and vessels)	Kcnc10t1	Protein (Aggreagation)
Acinetobacter baumannii	Diabetes mellitus (Involvement kidney)	Kearns Sayre syndrome	Protein (Denaturated protein)
Acrolein	Diabetes mellitus (t Incretins)	Keloid	Protein (folding)
Actin related proteins	Diabetes mellitus (t Insulin Analogs)	Keratan sulfate	Protein (Ontology and function prediction)
Actin	Diabetes mellitus (T1DM (Type1)	Ketoacidosis	Protein (protein binding)
Action potential		Ketogenic diet	Protein (ptm BASKET)
Acyl Homoserine Lactone		Kidney (Chronic renal failure)	Protein (ptm Glycation)
ADAR		Kidney (Cyst)	Protein (ptm Methylation)
Addiction (BASKET)		Kidney (Development)	Protein (ptm S
		Kidney (Diseases parainfectious)	
		Kidney (Fibrosis)	
		Kidney (Glomerular	

Addiction (Craving)	Dimethylallyl pyrophosphate	permselectivity)	nitrosylation)
Addiction (Drugs of abuse)	Dinosaur	Kidney (Medulla)	Protein (Structural motifs)
Adenosine	Dioxygen	Kidney (Minimal change nephrotic syndrome)	Protein (Synthesis preparative)
Adenosyl Cobalamin	Disaster medicine	Kidney (Neoplasia RCC)	Protein kinase (BASKET)
ADH AVP Vasopressin	DLC1 Deleted in liver cancer1	Kidney (Pelvis)	Protein kinase B Akt
ADHD	DNA (binding proteins)	Kidney (Physiology)	Proteoglycan
Adiponectin	DNA (Biosensor)	Kidney (Podocytes)	Proteomics
Adrenal gland (Neoplasia Incidentoma)	DNA (Measurement)	Kidney (Polycystic kidney disease)	Pseudomonas aeruginosa
Adrenoleukodystrophy X linked	DNA (Methylation)	Kidney (Progression of renal disease)	Psychiatry (BASKET)
AEBP1	DNA (Polymerase)	Kidney (Regeneration)	Psychosis
Aggresome	DNA (Quadruplex)	Kidney (Transplantation)	PTH (Hyperparathyroidism secondary)
Agrypnia excitata	DNA (rDNA)	Kidney (Tubuloglomerular feedback)	Publication issues
AICAR 5 aminoimidazole 4 carboxamide 1 beta D ribofuranoside ttAMPK	DNA (Repair and Toxicology)	Kidney (Tubulus)	Pulmonary edema
Aids	DNA (Replication)	Kidney (Uremic toxin)	Pulmonary hypertension
AIF	DNA (Structure)	Kinesin	Pulmonary mycotoxicosis
AIM2	DNA (Transposase)	Kinetochore	Pulsoximetry
Air (RNA)	DNA Vaccine	Kisspeptin	Pyritiamin
AIRE (Immunology)	DNMT3B	Klf4	Pyroptosis
AKAP12 ssecks gravin	Docosahexaenoic acid	KLF5	Pyruvate dehydrogenase phosphatase
Albumin	DOK1	Knowledge systems	Pyruvate dehydrogenase
Alcohol	Dolichol kinase	Laboratory animal (Alternatives)	Quantum dot
Aldehyde dehydrogenase	Dolichol P glucose	Laboratory animal (Animal Human chimerism)	Quasispecies
Aldose reductase	Dolichol P mannose	Laboratory animal (Animal model)	Quinacrine
Aldosterone (Hyperaldosteronism Aldosteronism)	Dolichol phosphate	Laboratory animal (Marmorkrebs)	RAAS (Angiotensin converting enzyme 2)
Aldosterone	DPM Synthase	Laboratory animal (Mouse)	RAAS (Angiotensin1 7)
Allergen	DPM1	Laboratory animal (MRT)	RAAS (AngiotensinIV)
Allergology (BASKET)	DPM2	Laboratory Animal (Transgenic organisms)	RAAS (Prorenin)
Allergy (Anaphylaxis)	DPM3	Laboratory animal (Zebrafish)	RAAS (Renin angiotensin system)
Allostasis	Dreaming (Neurophysiology)	Laboratory medicine	Rabies
alpha Synuclein	DRP1	Laboratory plant (Arabidopsis thaliana)	RACK1
alpha1 Antitrypsin and its deficiency A1AT	Drug delivery	Language (Neurophysiology)	Radiation damage and control
Alphaherpesvirus	Drug development	Laron s syndrome	Radiation therapy
Alzheimer s disease	DUB	Larva	Radioiodine therapy
AMD macular degeneration	Dyes (Voltage sensitive)		
Amino acid (Depletion)	ECHS1 Ctotonase Enoyl CoA hydratase		
	Ecology		
	Ectonucleotidases		

Ammonia (Physiology Kidney)	eEF1A	Laser (Medical aspects)	Radiopharmacology
AMP activated protein kinase	Efferocytosis	Laser speckle contrast	Radioprotector
AMP deaminase	EGFL7	Learning and memory (Neurophysiology)	Rae1
AmpC	Egln3 prolyl hydroxylase	Leber s congenital amaurosis	Raf kinase
Amygdala	Eicosapentaenoic acid	Lectin	RAG2
Amyloid angiopathy	Eimeria spp	Leishmaniasis	Raman spectroscopy
Amyloid precursor protein	ELANE	Leptin	Ramelteon
Amyloidosis	Elastic scattering spectroscopy	Leukemia (BASKET)	Rapamycin
Amyotrophic lateral sclerosis	Electric organ	Leukemia (CNS)	Ras
Anaphase promoting complex	Electron paramagnetic resonance spectroscopy	Leukemia and lymphoma (BASKET)	RasGAP
Androgens (Hypogonadism)	Electrophilic compounds	Leukocyte (BASKET)	Receptive field
Anemia (aplastic)	Electrophoresis	Leukocyte (Extravasation and Trafficking)	Receptor (Adenosine)
Anemia (BASKET)	Electrospinning of polymers	Leukotrienes	Receptor (ApoE)
Anesthesia (Methods)	Embryoid body	Light emitting diode LED	Receptor (BASKET)
Aneuploidy	Emotion (Neurophysiology)	LINC complex	Receptor (EGF)
Aneurysm (intracranial)	Endocannabinoid	Lipid mediators	Receptor (Ensemble)
Angiogenesis	Endocrine disruptor	Lipid rafts and membrane microdomains	Receptor (FcRn)
Ankylosing spondylitis	Endoderm	Lipidomics	Receptor (GABA A)
Annexin A5	Endophenotype	Lipids	Receptor (Glycine)
Anthelmintic drugs	Endophyte	Lipoprotein (HDL)	Receptor (Growth factors BASKET)
Antibiotics (BASKET)	Endoplasmic reticulum (associated degradation)	Lipoxin	Receptor (IGF1)
Antibiotics (Peptidic)	Endoplasmic reticulum (BASKET)	Liquor cerebrospinalis	Receptor (Interleukin15)
Antibiotics (Resistance)	Endoscopy	Listeria	Receptor (Interleukin2)
Antibodies (catalytic)	Endosymbiosis	Literature searching	Receptor (Melatonin)
Antibodies (Immunochemistry)	Endothelial cell (Progenitor)	Liver (Fibrosis)	Receptor (Metal Ions)
Antibodies (monoclonal)	Endothelial dysfunction	Liver (Neoplasia HCC)	Receptor (Nuclear)
Antibodies (therapeutic Adnectins)	Endothelial mesenchymal transition	Liver (Neoplasia)	Receptor (P2X)
Antibodies (therapeutic use)	Endotoxin	Liver (Physiology)	Receptor (P2Y)
Antibodies (therapeutic Ganglioside)	Enterocytozoan bieneusi	Liver (Primary biliary cirrhosis)	Receptor (PDGF)
Antibody dependent enhancement of infection	Entropy	Liver (Primary sclerosing cholangitis)	Receptor (PPAR gamma)
Anticipation (Neurophysiology)	Environmental medicine	Liver (Regeneration)	Receptor (PPAR)
Anticoagulants	Enzyme structure and chemistry	Locked nucleic acid	Receptor (Prorenin)
Antidepressive agents		Long life	Receptor (VLDL)
Antigen presentation and processing		Long term depression	Reciprocal regulation of metabolic and signaling pathways
		Long term potentiation (Neurophysiology)	Redox (BASKET)
		LRP1	Redox (Signal transduction)
			Reelin

Antigen presenting cell	Eosinophils	LRP5 LDL Receptor Related Protein5 Arrow	Regeneration of tissues and other biologic structures
Antiinflammatory compounds	Epac2		
Antimicrobial peptides	Epididymis (Anatomy)	LTE4	Regulatory affairs
Antineoplastic agents (Novel target ideas)	Epigenetics	Lumican	Regulatory T cell
Antineoplastic agents (Organometallic)	Epilepsy (BASKET)	Lung (Anatomy)	Rehabilitation (Neurology)
Antineoplastic agents (Resistance)	Epilepsy (Temporal lobe)	Lung (Fibrosis)	Renal artery stenosis
Antioxidants	Epistaxis	Lung (Physiology)	Renalase
Antisense	Epithelio mesenchymal transition	Lung (Pneumonia BASKET)	Reporter protein
Antisocial personality disorder	Epithelium (BASKET)	Lung (Pulmonary alveolar proteinosis)	Research ethics
Aorta (diseases)	Epithelium (Development)	Lung (Traumatology)	Resolvin
Aorta and great vessels (Aneurysm)	Epithelium (Immunology)	Lung and bronchial system (Neoplasia SCLC)	Respiratory chain
Aortic valve (Stenosis and artificial valve)	Eplerenone	Lung and bronchial system (Neoplasia)	Respiratory failure (Chronic)
AP1	Epoxide hydrolase	LVV hemorphin7	REST
Apes	Epoxyeicosatrienoic acid EET	Lymph node (Anatomy)	Resuscitation
Apicomplexan parasites	ERK	Lymph node (Imaging)	Retapamulin
Apicoplast	ERp57	Lymph node (Metastasis and sentinel)	Retrotransposon
APOBEC1	ERS UFR (Diseases)	Lymphangioleiomyomatosis	Retrotrapezoid nucleus
APOBEC3F	Erythrocytes (BASKET)	Lymphatic system (Anatomy)	Retrovirus (BASKET)
APOBEC3G	Erythrocytes (Erythropoiesis)	Lymphoma (Hodgkin)	Retrovirus (endogenous)
Apolipoproteins (BASKET)	ESBL	Lynch syndrome	Reward (Neurophysiology)
Apoptosis	ESCRT	Lysozyme	Rheumatic fever
Aposematic systems	Esmolol	Lysophosphatidate	RhoGAP
Aptamer	ETFA ETF electron transfer flavoprotein	Lysosome related organelles	Ribosome
Apyrase	ETFDH ETF dehydrogenase	Lysozyme	Riboswitch
Aquaporin	Ethology	Macrophage activation syndrome	Ribozyme
Archaeobacteria	Eukaryotes	Macrophages	RIG I
ARDS	Event perception	MAD2	Rivaroxaban
Arginase	Evolution	Magnet (Laboratory analysis medical application)	RLH RIG I like helicases
ARHGEF9 collybistin	Exercise (Physiology)	Magnetic circular dichroism	RNA (BASKET)
Arterial hypertension (BASKET)	Expressed sequence tags	Magnetic resonance microscopy	RNA (Binding proteins)
Arthritis (rheumatoid)	Extracellular matrix	Magnetoreception	RNA (Decay)
Arthroscopy	Eye (Adaptive optics)	Malaria	RNA (Editing)
Asbestos	Eye (Central vein occlusion)	MALDI imaging mass spectrometry	RNA (hnRNA)
Ask1	Eye (Cornea Transplantation)	Maldi TOF	RNA (IncRNA)
Asthma (BASKET)	Eye (Development)	Malnutrition	RNA (Methylation)
Asymmetric dimethylarginine		Mammary gland (Milk)	RNA (MicroRNA)
			RNA (Motifs)
			RNA (mRNP)

ATFB ETF electron transfer flavoprotein	Eye (Diseases)	Mannose binding lectin MBL	RNA (non coding)
Atherosclerosis (BASKET)	Eye (Epiretinal membrane)	MASP1	RNA (nRNA BASKET)
Atherosclerosis (Carotids and Basilaris)	Eye (Fly)	Mass spectrometry	RNA (Polymerase)
Atopic dermatitis	Eye (Glaucoma)	Mast cells	RNA (RNA Seq)
ATP	Eye (Infection)	Mastocytosis	RNA (RNase III)
ATRX	Eye (Keratitis)	MAVS	RNA (RNase L)
Attention (Neurophysiology)	Eye (Lens Anatomy)	MBD protein family	RNA (shRNA)
Autism	Eye (Neoplasia Retinoblastoma)	MCT8	RNA (Splicing)
Autoantibodies (Therapeutic)	Eye (Neovascular glaucoma)	Mechanotransduction	RNA (sRNA)
Autoantibodies ANA	Eye (Optometry)	MECP2	RNA (Structure)
Autoantibodies Anti AGE	Eye (Pharmacology)	Median eminence	RNA (Translation)
Autoantibodies Anti AmyloidAbeta (Alzheimer)	Eye (Retina BASKET)	Mediator Complex (Transcription)	RNA (Transport)
Autoantibodies Anti CCP	Eye (Retinopathy light induced)	Medical ethics	RNA (tRNA)
Autoantibodies Anti dsDNA Anti ssDNA	Eye (Visual loss acute)	Meiosis	Rosacea
Autoantibodies Anti Lipoprotein	Eye (Orbita (Anatomy))	Melanocortin	RS Enzyme family
Autoantibodies Anti Tumor associated Antigens	Eye and orbita (Imaging)	Melanopsin	RS virus
Autoimmune lymphoproliferative syndrome	Eye and orbita (Inherited diseases)	Meningococcus	Runx1 AML1
Autoimmunity	Eye and orbita (Neovascularization)	Menkes s disease	S Adenosyl methionine
Autoinflammatory syndromes	Eye and Orbita (Uveitis)	MENT	S100B
Autonomous nervous system (BASKET)	FABP1 L FABP	Mesothelin	Saliva
Autonomous nervous system (various reflexes)	FABP3	Mesothelioma	Salivary gland (BASKET)
Autophagy	Factor B (Mitochondria)	Metabolic syndrome	Salivary gland (Development)
Autoscopy	Factor VIII (Coagulation)	Metabolomics	SAMHD1
B cell (Immunology)	Family (Biology)	Metagenomics	Sarcophilin
B Cell Receptor	Farnesyl pyrophosphate	Metamorphosis (Development)	Schizophrenia
Babesiosis	Fascin	Metformin	Sclerodermia
Bacillus subtilis	Fatty acids (Biosynthesis)	Methods of biochemical experimentation	Scurfy mouse
Bacillus thuringiensis	Fatty acids (Omega3)	Methods of Microbiology	Sedation
Bacteria (Bioenergetics)	Fatty acids (oxidation)	Methods of Neurophysiology	Semantic Web
Bacteria (Cell wall)	Fe S Cluster	Methylglyoxal	Semiotics
Bacteria (Commensal)	Fertilization	Methylmalonic acidemia	Senescence Associated Heterochromatin Foci
Bacteria (Conjugation)	Fibroblast	Methylmalonyl CoA mutase	Sensors recognizing molecules
Bacteria (Culture)		Methylmalonyl CoA	Sensory organs (Neurophysiology)
		Metnase	Sepsis
		Mgat5 galectin3 lattice	Sequencing (Nucleic acids)
		MICA	SERCA
		MICB	Serotonin
		Microarray (Gene expression analysis)	

Bacteria (Endocytosis)	Fibrocyte	Microarray (Tissue microarray)	Serpin
Bacteria (Gene expression)	Fibromodulin	Microbeam	Serpinopathy
Bacteria (Genetics)	Ficolin	Microcantilevers	Sestrin1
Bacteria (Metabolism)	Finite element analysis	MicrocinE492	Sestrin2
Bacteria (Quorum sensing)	FIP1L1	Microdialysis	Sexuality
Bacteria (Replication)	Fish (Animal)	Microelectrode	SHC
Bacteria (Resistance mechanisms)	Flow cytometry	Microfluidics	Shiga Toxin
Bacteria (Secretion type III)	Fluorescence correlation spectroscopy	Microneedles	Shock
Bacteria (Secretion type IV)	Fluorescence spectroscopy	Micronucleus assay	SHP2
Bacteria (Secretion type VI)	FMN Flavin mononucleotide	Microsporidiosis	SHPS1
Bacteria (Secretion)	Foam cell	Microsurgery	Sialic acid
Bacteria (Signal transduction)	Focal adhesion	Microtubuli	Signal recognition particle
Bacteria (Taxonomy)	Forensic medicine	Microwave ablation	Signal transduction
Bacteria (Toxins)	Formamide	MIF	SIK salt induced kinase
Bactericidal permeability increasing protein BPIP	Formin	Mimivirus	Simian immunodeficiency virus
Bacteriophage	Fossil	Mincle	Simulation of biological processes (Bioinformatics)
Balint Homes syndrome	FRDA1 Frataxin	Minor histocompatibility antigen	Sindbis Virus
Bariatric surgery	FRET microscopy	MiRNA 126	Singlet oxygen
Barrel cortex	Frizzled4	Mitochondria (BASKET)	Sirtuin
Basal ganglia	Frontotemporal lobar degeneration	Mitochondria (Calcium)	Skin (Bacterial diseases)
Batesian mimicry	Funghi and Yeasts (BASKET)	Mitochondria (Dysfunction)	Skin (Neoplasia Melanoma)
Bayesian statistics	Funghi and Yeasts (Differentiation)	Mitochondria (Fission and Fusion)	SLAM
bBeta adrenergic agonists	Funghi and Yeasts (Infection)	Mitochondria (Mitochondriopathy)	SLC22A3 OCT3
BCL2	FUS TLS	Mitochondria (Permeability transition)	SLC22A5 OCTN2 organic cation transporter2 Carnitine
BDCA2	G Protein coupled receptor	Mitochondria Associated Membranes	SLC25A2 CACT Carnitine acylcarnitine translocase
Behavior (Neurophysiology)	G3PC3	Mitophagy	SLC27A1 FATP1
Benzodiazepine	GABA	Mitosis	SLC27A5 FATP5
beta cell (Pancreas)	Gag	MLH1	SLC27A6 FATP6
beta Lactamase	Galactose	MNDA	SLC6A4 Serotonin
beta oxidation	Galactosemia	Molybdenum cofactor	SLC6A5 GlyT2 Glycine
BH3 protein domain	Galectin1	Molybdenum	SLC6A6 Taut Taurin
Bicelles (Biomembran)	Ganglioside GD2	Monogenome (Single cell omics)	SLC6A8 CRT Creatine
Biglycan	Gangliosides	Morphogenesis (Development)	Sleep (Neurophysiology)
Biliary system (Anatomy)	Gap junction	Morpholino	Sleep disorder
Biliary system (Cholangiocyte)	Gastrointestinal decontamination	Movement (Neurophysiology)	SMAD3

Biliproteins	Gastrointestinal hemorrhage	Moyamoya s disease	Small leucine rich proteoglycans
Biobank Repository	Gastrulation	MPDU1	SMC1A
Biochemical methods	Gaucher s disease	MRS (Method)	SMC3
Biochemistry	GBV C	MRSA	Smell (Neurophysiology)
Biocomputer	GDE1	MRT (diffusion weighted)	SMN
Biofilm (Microbiology)	GDE2	MRT (functional fMRT)	SMN1
Bioinformatics	GDE3	MRT (Instrumentation)	Smoothened
Biological warfare	Gene expression profiling	MRT perfusion without contrast injection arterial spins labeling	SNARE
Biology (allg)	Gene expression	MSH2	SNF2 protein family
Biomarker (BASKET)	Gene repair	MSH6	SNM1B Apollo
Biomaterials	Gene reversion	MTOR	Social rejection
Biomembranes (BASKET)	Gene targeting	Mucopolysaccharidosis II	SOCS
Biomembranes (Traffic)	Gene transfer	Mucopolysaccharidosis	Sodium (Hyponatremia)
Bioorthogonal chemistry	Gene trap	Mucositis	Sodium (Physiology Kidney)
Bioremediation	Genetic code	Mult1	Solar cell
Biosensors	Genetic instability	Multiphoton imaging	Sos1
Biotechnology	Genetics (Basket)	Multiphoton nanosurgery	Sos2
BIRC5 Survivin	Genetics (Copy number variation)	Multiple sclerosis	SOX
Bird	Genetics (Enhancer)	Multivesicular bodies	SP A (Surfactant)
Bisphosphonates	Genetics (Epistasis)	Muscle (Neoplasia Rhabdomyosarcoma)	SP D (Surfactant)
BK Virus	Genetics (Gene expression endophenotype)	Muscle (Physiology)	Space radiation
Bladder (Physiology)	Genetics (Genome editing)	Mussel	Spatial neglect
Blood vessels (Imaging)	Genetics (GWAS Genome wide association study)	Mutation (Detection)	Spermidine
Blood vessels (Permeability)	Genetics (GWAS pooled diseases)	Mutation (targeted induction)	Sphinganine1 phosphate
Blood vessels (Physiology)	Genetics (GWAS pooled diseases)	Mycobacterium (BASKET)	Sphingolipids
Blood vessels (Shear stress)	Genetics (GWAS pooled diseases)	Mycobacterium (Non tuberculosis)	Sphingosine kinase
Blood vessels (String vessels)	Genetics (Horizontal gene transfer)	Mycorrhizae	Sphingosine1 phosphate
Blood vessels (Surgery)	Genetics (Hybrids)	MyD88	Spina bifida
Blue rubber bleb nevus	Genetics (Imprinting)	Myelin basic protein MBP	Spine (Metastasis)
BNIP3	Genetics (Insulator)	Myelin	Spleen (BASKET)
BNP	Genetics (Knockout)	Myeloid derived suppressor cell	Spleen (Imaging)
Bone (Artificial)	Genetics (Methods)	Myeloperoxidase	Splice switching oligonucleotides
Bone (Metastasis)	Genetics (Microsatellite)	Myofibroblast	Sporulation
Bone (MRT)	Genetics (Mosaicism)	Myosin	Spreading depression
Bone (Pathology)	Genetics (Population genetics)	N Cofilin	Src
Bone (Physiology)	Genetics (Quantitative trait locus)	N Glycan	SRD5A3
Bone (Regeneration)		Nab paclitaxel	
Bone marrow			

transplantation			SRF
Brain computer interface	Genetics (Reverse genetics)	NAD kinase	Staphylococcus aureus
Brain injury	Genetics (SINE short interspersed elements)	NAD	Staphylococcus epidermidis
Breathing (Neurophysiology)	Genetics (Single nucleotid polymorphism)	NADH quinone oxidoreductase deficiency	Statin
BRF1		NADH	Statistics and trial design
BRF2	Genetics (Transposon)	NADP phosphatase	Stem cell (Adult somatic derived reprogrammed)
C type lectins	Genetics (Trinucleotide repeat)	NADP	Stem cell (BASKET)
C1 esterase inhibitor	Genome (Annotation)	NADPH oxidase	Stem cell (Embryonal)
Cadmium	Genome toxicity	NADPH quinone oxidoreductase	Stem cell (Niche)
Calcification	Gephyrin	Naltrexone	Sternum (Sternotomy)
Calcineurin	Germ cell (allg)	Nanomedicine	Steroid hormones (BASKET)
Calciophylaxis	Germ plasm	Narcolepsy	Sterol (Transport intracellular)
Calcium (Capacitative transport)	Germinal center	Natriuretic peptides	Storage diseases
Calcium (Intracellular)	Gerstmann s syndrome	Natural products	Streptococcus pneumoniae
Calcium (Physiology Intestines)	GFI1	Navigation (small scale)	Stress (Neurophysiology)
Calnexin	Ghrelin	Ndi1	Striatum
Calreticulin	Giant cell	Near infrared spectroscopy	Stroma
Cannabis	Girle Power	Necrotizing enterocolitis	Structure det. tissue level to single molecule localization
Carbapenemase	GLI	Nematodes	Structure determination at molecular level and finer
Carbohydrate deficient glycoprotein syndrome	GLI1 protein family	NEMO	Subformal organ
Carboranes	Glomerulonephritis (BASKET)	Neomura	Subiculum
Cardiac syndrome X	Glomus caroticus	Neonatal screening	Subplate
Cardiolipin	GLRA1	Neoplasia (Carcinogenesis)	Substance P
Cardioprotective agents	GLRB	Neoplasia (Circulating tumor cells)	Sudden hearing loss
Carnitine shuttle	GLRX5	Neoplasia (Fusion oncogenes)	Suicidal ideation
Caspase1	Glucocorticoids	Neoplasia (Inherited)	Sulfiredoxin
Caspase8	Gluconeogenesis	Neoplasia (Invasion and metastasis)	SUN2
Catalysts	Glucose monitor	Neoplasia (Oncolytic virus)	Superoxide
Catatonias	Glutaric aciduria type II	Neoplasia (Paraneoplastic syndromes)	Surface plasmon resonance
Catecholamines	Gluten	Neoplasia (Radiofrequency ablation)	Surfactant
CathepsinK	Glycemic index	Neoplasia (Therapy related)	Surgery (BASKET)
Cavitand	Glycerophosphodiester phosphodiesterase	Neoplasia (Tumor biology and immunology)	
CBF	Glycogen	Neoplasia (Tumor lysis syndrome)	
CBFbeta	Glycolipid	Neoplasia (Tumor markers)	
CCN1	Glycolysis	Neosporosis	
CCN3	Glycome	Nephrolithiasis	
CCN4	Glycosylation		
CCN5			

CCN6	Glyoxal	Nerve (Electromyography)	Sweat testing
CD100 Sema4D	GlyoxylaseI	Nesprin2G	SWI SNF
CD274 PD L1 B7H1	Glyoxylate cycle	Network medicine	SWR1 Complex
CD317 Tetherin BST2	Glypican	Neural tube	Symbiosis
CD39	GM CSF	Neurodegeneration	Synapse
CD73	GnRH	Neurogenesis (adult)	Synaptic plasticity
Celiac disease	GOT2 Aspartate aminotransferase	Neuroglobin	Syncytium
Cell (Biomechanics)	FABPpm	Neuron (Axon)	Synovia (BASKET)
Cell (Quiescence)	Gout	Neuron (BASKET)	Synthetic biology
Cell (Reprogramming)	gp78	Neuron (Dendrite)	Systematic review
Cell aging	GPI anchor	Neuron (Dendritic spines)	Systemic lupus erythematosus
Cell biology (BASKET)	Graft vs host disease	Neuronal network (Neurophysiology)	Systems biology
Cell Cannibalism	Graft vs Leukemia Effect	Neuronal plasticity (Neurophysiology)	T bet
Cell culture	Granulomatous diseases	Neuropeptide Y	T cell (BASKET)
Cell cylce (BASKET)	GRIM19	Neuroprotectin D1	T cell (CD4pos)
Cell death (Parthanatos)	Growth cone	Neuroprotective agents	T cell (CD8pos)
Cell differentiation	Growth hormone	Neurospora crassa	T Cell (Exhaustion)
Cell division	GSK3	Neurovascular unit	T cell (gammadelta)
Cell junctions	Guideline	Neurulation	T cell (Naive)
Cell migration	Gynodioecy	Neutropenia (congenital)	T Cell (Signal transduction)
Cell polarity	H5 histon	Neutrophils	T cell (Th17)
Cell Secretion (Exosomes)	H60a	NFAT	T cell (Th2)
Cell secretion (Granule secretion)	H60b	Nfatc2	T Cell (Th9)
Cell secretion (Intracellular protein transport)	H60c	NFKB	T cell receptor
Cell senescence	HADH MSCHAD medium and short chain hydroxyacyl CoA dehydrogenase	Nickel	T wave alternans
Cell stress (Electrophilic)		Nicotine	TAAR1
Cell tracking	HADHA HADHB MTP mitochondrial trifunctional protein	NIPBL	Talin
Centriole	Haemostatic agents topical	Nitric oxide NO	TAN lines
Centromere		Nitrite	Tanycyte
Centrosome	Hallucinogenes	NK cells	TAP
Cephalgia (BASKET)	Harpins	NKG2D	TAP1
CFTR ABCC7	HAX1	NKT cells	TAP2
Chaperone	HB EGFLGF Heparin Binding Epidermal Growth Factor Like Growth Factor	NLRX1	Tapasin
Chd protein family		nNOS	TDP43
Chelating agents		Noma	Technology risk assessment
Chemiluminescence	HDAC6	Norrin	Telomerase
Chemistry (Analytic)	Head (Development)	Notch	Telomere
Chemoprevention	Head and Face (Traumatology)	Novoseven (Activated Factor VII therapeutic use)	Temporomandibular joint
Chemoreceptor (CNS)		Nox2	

Chemotaxis	Health economy	NPP1	Teratogenesis
Chikungunya fever	Hearing (Neurophysiology)	NPP2	Termite
Child abuse and neglect	Heart (Arrhythmia)	NR1H3 LXRalpha	Tetracycline
Chinolones	Heart (Atrial fibrillation)	Nrf2	Tetrahydrobiopterin
Chloroplast	Heart (Brugada s syndrome)	NSD1	Text mining
Cholecystolithiasis	Heart (Cardiomyopathy dilated)	Nuclear membrane	TGF beta
Cholesterol	Heart (Conduction system)	Nucleomorph	TGN1412
Cholinergic antiinflammatory pathway	Heart (Coronary heart disease BASKET)	Nucleoside triphosphate diphosphohydrolases	Thalamus
Chromatin immunoprecipitation	Heart (Development)	Nucleosome	Theileria
Chromatin	Heart (Electrocardiography)	Nucleus (pore)	Thelazia callipaeda
Chromatography	Heart (Physiology)	Nucleus accumbens	Thiamine pyrophosphate
Chromatophores	Heart (Transplantation)	Nucleus dentatus	Thiazolidinediones
Chromosome (BASKET)	Heart failure (BASKET)	Nucleus subthalamicus	Thimerosal
Chromosome (Fragile site)	Heart failure (Right sided)	Nutrition (Neuroendocrinology)	Thinking (Neurophysiology)
Ciclosporin ttMPT	Heart rate variability	Nutritional science (Basket)	Thirst
Cilia	Heart valve (Physiology)	Nystagmus	Thorax (Thoracotomy)
Cingulum (Neurophysiology)	Hedgehog	Obesity (BASKET)	THOX2
Circadian clock	Helicobacter pylori	Obesogen	Thrombin
Cisplatin	Helminths and Helminthoses	Oct4	Thrombosis (Prophylaxis)
Claspin	Heme	OGF opioid growth factor	Thrombotic thrombocytopenic purpura
Classification images	Hemicraniectomy	Olfactory placode	Thymus (BASKET)
Clathrin	Hemodynamic monitoring	Oligosaccharides	Thyroid (Neoplasia)
Claudin	Hemolytic uremic syndrome	Oncomine	Thyroid (Scintigraphy)
Claudin12	Hemopoiesis (BASKET)	Ontology	Thyroid (Thyreotoxicosis)
Claudin17	Hemopoiesis (embryonal)	Oocyte (BASKET)	Thyroidamines
Claudin2	Heparan sulfate	Optical coherence tomography	Thyroxine
Clecsf8	Hephaestin	Optical computed tomography	TIM1
Clinical examination (BASKET)	Hermaphrodit	Optical imaging (Instrumentation)	TIM3
Clinical examination (Lung)	Herpes simplex virus	Optical tweezers	Tinnitus
Clinical examination (Neurology)	Herpesvirus (BASKET)	Organic synthesis	Tissue (Cell Biology)
Cloning (Therapeutic)	Hes1	Orphan drug	Tissue factor
CNS (Anatomy)	Heterochromatin	Osler Weber Rendu s disease	TLR7
CNS (Astrocyte)	Heterokairy	Osmolytes	TLR9
CNS (Blood brain barrier)		Osteoclasts	TNF alpha antagonist
CNS (Brain edema)		Otic placode	TNF alpha converting enzyme
CNS (Brain map)		Oxalosis	TNFAIP3 A20
		Oxytocin	Tob1

CNS (Cerebellum)		P bodies	Tob2
CNS (Cerebral cortex)	HIF1alpha und HIF1 (BASKET)	p27Kip1	Tolerance (Immunology)
CNS (Circumventricular organs)	High LET irradiation	P2X7	Toll like receptor
CNS (Cortex stimulation)	High throughput screening	P38MAPK	Tomosynthesis
CNS (Cortical dysplasia)	Hill Robertson effect	P53	Tooth (Anatomy)
CNS (Deep brain stimulation)	Hippo signaling pathway	PAD2	Tooth (Caries)
CNS (Development)	Hippocampus	PADPR	Torpor
CNS (ECT)	Histochemistry	Paget s disease (Bone)	Torture
CNS (Electrode)	Histone acetyltransferase	Pain (Neurophysiology)	Toxicology (BASKET)
CNS (Electroencephalography)	Histone deacetylase	Pain medicine (BASKET)	Toxoplasmosis
CNS (Excitotoxicity)	Histone methylase	Pancreas (Anatomy)	TRAIL APO2
CNS (Glia)	History of medicine	Pancreas (Imaging)	TRALI
CNS (Imaging)	HIV1	Pancreas (Neoplasia)	Transcription Factor (BASKET)
CNS (Infection)	HIV2	Pandas syndrome	Transcription factor (Coactivator)
CNS (Insula)	HLA and MHC	Panton Valentine leukocidin	Transcription factor (Corepressor)
CNS (Intracerebral bleeding)	HLA DQ	Parasites	Transcriptom
CNS (Intracerebral pressure)	HMGB1	Parasomnia	Transdifferentiation
CNS (Magnetic stimulation)	hnRNPE1	Parathyroid gland (Ectomy)	Transfer RNA derived fragments
CNS (Malformation)	HOG Signaling	Parietal cortex	Transfusion (BASKET)
CNS (Meningitis)	Honeybee	Parkinson s disease	Transplastomic plants
CNS (Microglia)	Host pathogen interaction	Patched	Transporter (Amino acid)
CNS (MRS)	How to make a rat addicted to cocaine.	Paxillin	Transporter (BASKET)
CNS (MRT)	Hoyeraal Hreidarsson syndrome	PCD (Multiple myeloma and other plasma cell dyscrasias)	Transporter (Glutamate)
CNS (Neoplasia Glioma)	Hoyeraal Hreidarsson syndrome	PCP planar cell polarity	Transporter (Neurotransmitter)
CNS (Neoplasia)	HP1	PD L2	Transporter (Organic molecules)
CNS (Oligodendrocyte)	Hsp104	PD1	Transporter (Sodium and potassium)
CNS (Optical imaging)	HSP27	PDK pyruvate dehydrogenase kinase	Traumatology (BASKET)
CNS (Oscillation)	HSP70	PDSS2	Tristetraproline
CNS (Persistent vegetative state)	HSP90	PEDF Pigment epithelium derived factor	Trophoblast
CNS (Regeneration)	HTLV1	Peptide nucleic acid	Tropical medicine
CNS (Stroke BASKET)	HtrA2 Omi	Peptide synthesis (Preparative)	Tropomyosin
CNS (Subarachnoid hemorrhage)	Human genetics (BASKET)	Peptide	Trypanosomiasis Sleeping disease
Cocain	Huntington s disease	Perinucleolar compartment	TSC1 Hamartin
Coenzyme Q10	Hyaluronic acid	Peroxisomes	TSC2 Tuberin
Cognitive behavior therapy	Hybrid vigor	Peroxiredoxin	
Cognitive enhancer	Hydrocephalus	Peroxisomes	
	Hydrogen bond	Persistent polyclonal B cell lymphocytosis PPBL	
	Hydrogen breath tests	Personalized medicine	

Cohesin	Hydrogen peroxide H2O2	PGC1alpha	TSLP Thymic stromal lymphopoietin
Colitis ulcerosa	Hyperexplexia	Phantom limb pain	Tspan12
Collagen	Hypereosinophilic syndrome	Pharmacogenomics	TSPO
Colon and rectum (Coloscopy)	Hypersensitivity pneumonitis	Pharmakokinetics	Tuberculosis
Colon and rectum (CT)	Hypersexuality	PHD protein domain	Tumor suppressor
Colon and rectum (Neoplasia)	Hyperthermia	Phenomics (Cell Phenotype om)	Tunneling nanotube
Combination chemical genetics	Hyperventilation	Pheromones	Turtle
Comet assay	Hyphen	Phobia (Neurophysiology)	Ubiquinone
Compensatory anti inflammatory response syndrome	Hypometabolism	Phosphatase (ST)	Ubiquitin
Complement system	Hypoxia (systemic)	Phosphatidic acid	UCP1
Composite tissue allotransplantation	Hypoxic pulmonary vasoconstriction	Phosphatidylinositol 4 5 bisphosphate	UCP2
Concussion cerebral	IBMPFD	Phosphatidylserine	UCP3
Conditioning (Neurophysiology)	ICF syndrome	Phosphene	ULBP1
Confocal microscope	Idiosyncratic drug reactions	Phosphoenolpyruvate carboxykinase	ULBP2
Congenital disorder of glycosylation	IFI16	Phosphoinositides	ULBP3
Connexin	Ifi200 protein family	Phospholamban	Ultrasound (Toxicity and therapeutic use)
COPD	Ifi202a	Phospholemnan	Ultrasound and Duplexsonography
COQ2	Ifi202b	Phospholipase A2	Uner Tan syndrome
CoREST	Ifi203	Phospholipase D	Unfolded protein response
Cornelia de Lange syndrome	Ifi204	Phosphoproteomics	Urinary tract (Neoplasm)
Cortactin	Ifi205	Phosphorous (Physiology Kidney)	Uroplakin
Cough	IFIX	Phosphorous	Urothelium
Countertransference	IgA nephropathy	Photoacoustic tomography	Vaccination fatalities
CPT1 Carnitine palmitoyltransferase	IGF1	Photoactivated Prodrugs	Vaccine (Adjuvants)
CPT1a	IKKalpha	Photobiology	Vaccine (Adjuvants)
CPT1b	IKKbeta	Photodynamic antimicrobial chemotherapy	Vaccine (BASKET)
CPT2 Carnitine plamitoyl transferase2	Imaging (BASKET)	Photodynamic oncologic treatment	Vaccine (Mimotopic)
Cranial nerves (all)	Imaging (Molecular)	Photosynthesis	Vaccine (Oncology)
CRAT Carnitine acetyltransferase	Immune complex	Phycodnaviridae	Valosin containing protein
CRIPSR	Immune deviation	Phytochrome	Varicella zoster virus
CRISPR	Immune histochemistry	PI3K	Ventral pallidum
Crohn s disease	Immune privilege	PINCH	Ventral tegmental area
Cross presentation	Immune reaction (BASKET)	PINK1	Vertigo
CRP	Immune reaction (T dependent)	PIP5K	Vibrio parahaemolyticus
		Placenta (Anatomy)	Vibrissa
		Placenta (Pathology)	Vif
		Placodes (Development)	Vinculin
			Virus (Assembly)

Cryptochrome	Immune reconstitution	Plants (BASKET)	Virus (BASKET)
Cryptophyte	Immune regulation	Plasma cell	Virus (Cytopathogenic effect)
Cryptosporidia	Immune system (Anatomy)	Plastid	Virus (DNA Virus)
CTCF	Immune system (Diseases)	Platelets (Physiology)	Virus (Endocytosis)
CTGF CCN2	Immunoadsorption	Pleasure (Neurophysiology)	Virus (Exocytosis)
Curli	Immunoassay	Pleura (Effusion)	Virus (Immune reaction)
Cuticle (Larva)	Immunodeficiency (Inherited)	PlexinB1	Virus (Integration)
Cyanobacteria	Immunological memory	Plexus choroideus	Virus (Intracellular response)
Cybrid	Immunological synapse	Pmel17	Virus (Restriction)
Cyclin (BASKET)	Immunology (BASKET)	PMS2	Virus (RNA virus)
Cyclopentenone eicosanoids	Immunopharmacology	Podosome	Virus (Taxonomy)
Cyclophosphamide	Immunosuppressive agents	Polyadenylation	Vision (Neurophysiology)
CYSLTR1	Immunotherapy (Adoptive cell transfer)	Polyamines	Vitamin B12
CYSLTR2	Immunotherapy (Allergy)	Polycistronic gene	Vitamin D3 (Calcitriol)
Cystatin C	Implantation (Development)	Polycomb	Vocalization (Animal)
Cystic fibrosis	Indicator	Polyketide	Vorinostat tTHDAC
Cytochrome C	Infection control and surveillance	Polyphosphates	Vpr
Cytochrome P450	Inflammasome	Polyprenol Pyrophosphate	Vpx
Cytokinesis	Inflammation (BASKET)	PON1 Paraoxonase1	WAS
Cytoplasmic incompatibility	Inflammation resolution	PON2 Paraoxonase2	WASP
Cytoskeleton	Influenza	Pon3	Wnt beta Catenin TCF
D chiro inositol glycans	ING Protein family	Porphyryn	Wolbachia
Damp building related illness	Inherited diseases (BASKET)		Wolffian ducts (Development)
Data base (Medicine Biology Pharmacology)	Inhibitor (Mechanism of action)		X linked lymphoproliferative disease
Data mining	Inhibodies		Xenobiotics
DC SIGN	Innate immunity		Xenodiagnosis
DCAR	INO80 Complex		Xenohormesis
DCI Dodecenoly CoA delta isomerase 3 2 trans enoyl CoA isomerase	Insecticides		Xenotransplantation
DCIR	Insects		Xeroderma pigmentosum
DCL1	Insemination (Artificial)		Xist and X chromosomal inactivation
DCP1	Insig		Yeast and Funghi (Quorum sensing)
DCP2	Insig1		Zolpidem
DDAH1 dimethylarginine dimethylaminohydrolase1	Insig2		
DEAD box protein			

	Insomnia		
	Insulin (BASKET)		
	Insulin (resistance)		
	Integrin alphav beta3		
	Integrin		
	Intein		
	Intention to treat		
	Interfering diseases		
	Interferon alpha and preliminary (BASKET)		
	Interleukin10		
	Interleukin15		
	Interleukin17		
	Interleukin6		
	Intermediate filaments		
	Interventional radiology		
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	Intestines (Development)		
	Intestines (Immunology)		

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