

The Mechanisms of Action of PPARs

Annual Review of Medicine

53, 409-435

DOI: [10.1146/annurev.med.53.082901.104018](https://doi.org/10.1146/annurev.med.53.082901.104018)

Citation Report

#	ARTICLE	IF	CITATIONS
1	New drug targets for type 2 diabetes and the metabolic syndrome. <i>Nature</i> , 2001, 414, 821-827.	13.7	913
2	PEX11 \pm Is Required for Peroxisome Proliferation in Response to 4-Phenylbutyrate but Is Dispensable for Peroxisome Proliferator-Activated Receptor Alpha-Mediated Peroxisome Proliferation. <i>Molecular and Cellular Biology</i> , 2002, 22, 8226-8240.	1.1	149
3	Pharmacogenetic Evidence That Cd36 Is a Key Determinant of the Metabolic Effects of Pioglitazone. <i>Journal of Biological Chemistry</i> , 2002, 277, 48501-48507.	1.6	55
4	How best to counteract the enemies? By controlling inflammation in the coronary circulation. <i>European Heart Journal Supplements</i> , 2002, 4, G53-G65.	0.0	2
5	Thiazolidinediones Could Improve Endothelial Dysfunction and Risk of Premature Coronary Heart Disease in HIV-Infected Patients. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2002, 7, 207-210.	1.0	4
6	Peroxisome Proliferator-Activated Receptor γ -Mediated NF- κ B Activation and Apoptosis in Pre-B Cells. <i>Journal of Immunology</i> , 2002, 169, 6831-6841.	0.4	53
7	Command centers for metabolic control can be in the most unexpected places. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002, 5, 357-358.	1.3	0
8	A role for the peroxisome proliferator-activated receptor δ in T-cell physiology and ageing immunobiology. <i>Proceedings of the Nutrition Society</i> , 2002, 61, 363-369.	0.4	26
9	Insulin resistance, diabetes, and atherosclerosis: Thiazolidinediones as therapeutic interventions. <i>Current Cardiology Reports</i> , 2002, 4, 514-521.	1.3	29
10	Polymorphisms in candidate obesity genes and their interaction with dietary intake of n-6 polyunsaturated fatty acids affect obesity risk in a sub-sample of the EPIC-Heidelberg cohort. <i>European Journal of Nutrition</i> , 2002, 41, 210-221.	1.8	99
11	Gene Expression Changes Induced in Mouse Liver by Di(2-ethylhexyl) Phthalate. <i>Toxicology and Applied Pharmacology</i> , 2002, 185, 180-196.	1.3	69
12	Use of the Peroxisome Proliferator-Activated Receptor (PPAR) γ Ligand Troglitazone as Treatment for Refractory Breast Cancer: A Phase II Study. <i>Breast Cancer Research and Treatment</i> , 2003, 79, 391-397.	1.1	212
13	Novel agents for the prevention of breast cancer: targeting transcription factors and signal transduction pathways. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2003, 8, 45-73.	1.0	62
14	Peroxisome Proliferator Activated Receptor- γ (PPAR- γ) Ligands and Angiogenesis. <i>Angiogenesis</i> , 2003, 6, 165-169.	3.7	77
15	Novel peroxisome proliferator-activated receptor ligands for Type 2 diabetes and the metabolic syndrome. <i>Expert Opinion on Investigational Drugs</i> , 2003, 12, 1489-1500.	1.9	38
16	Cerivastatin: a cellular and molecular drug for the future?. <i>Cellular and Molecular Life Sciences</i> , 2003, 60, 144-164.	2.4	9
17	Combined effects of PPAR γ 2 P12A and PPAR γ 1 L162V polymorphisms on glucose and insulin homeostasis: the Quebec Family Study. <i>Journal of Human Genetics</i> , 2003, 48, 614-621.	1.1	10
18	Lysophosphatidic acid signaling: how a small lipid does big things. <i>Trends in Biochemical Sciences</i> , 2003, 28, 377-383.	3.7	64

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19	Gamma (γ) tocopherol upregulates peroxisome proliferator activated receptor (PPAR) gamma (γ) expression in SW 480 human colon cancer cell lines. <i>BMC Cancer</i> , 2003, 3, 25.	1.1	117
20	Localization of PPAR γ in murine central nervous system: expression in oligodendrocytes and neurons. <i>Brain Research</i> , 2003, 975, 10-21.	1.1	107
21	Prostaglandin D2 synthase enzymes and PPAR γ are co-expressed in mouse 3T3-L1 adipocytes and human tissues. <i>Prostaglandins and Other Lipid Mediators</i> , 2003, 70, 267-284.	1.0	43
22	Genetics and nutrition. <i>Clinical Nutrition</i> , 2003, 22, 429-435.	2.3	39
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26	O-Arylmandelic acids as highly selective human PPAR α/γ agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3185-3190.	1.0	29
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29	Protection by pioglitazone in the MPTP model of Parkinson's disease correlates with α -syn induction and block of NF κ B and iNOS activation. <i>Journal of Neurochemistry</i> , 2004, 88, 494-501.	2.1	347
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31	Proton-sensing G-protein-coupled receptors. <i>Nature</i> , 2003, 425, 93-98.	13.7	616
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33	Nutrigenetics: where next for the foods industry?. <i>Pharmacogenomics Journal</i> , 2003, 3, 191-193.	0.9	16
34	Dexamethasone induction of hypertension and diabetes is PPAR- α dependent in LDL receptor "null" mice. <i>Nature Medicine</i> , 2003, 9, 1069-1075.	15.2	187
35	5-Aryl thiazolidine-2,4-diones as selective PPAR γ agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 1801-1804.	1.0	34
36	Pioglitazone, a Specific Ligand of the Peroxisome Proliferator-Activated Receptor Gamma Reduces Gastric Mucosal Injury Induced by Ischaemia/Reperfusion in Rat. <i>Scandinavian Journal of Gastroenterology</i> , 2003, 38, 468-476.	0.6	47

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37	Distinct Properties and Advantages of a Novel Peroxisome Proliferator-Activated Protein $\hat{3}$ Selective Modulator. <i>Molecular Endocrinology</i> , 2003, 17, 662-676.	3.7	314
38	Peroxisome proliferator-activated receptor- $\hat{2}$ signaling contributes to enhanced proliferation of hepatic stellate cells. <i>Gastroenterology</i> , 2003, 124, 184-201.	0.6	120
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45	A human cell surface receptor activated by free fatty acids and thiazolidinedione drugs. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 406-410.	1.0	325
46	Prevention of autoimmune diabetes in NOD mice by troglitazone is associated with modulation of ICAM-1 expression on pancreatic islet cells and IFN- $\hat{3}$ expression in splenic T cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 378-384.	1.0	40
47	The effect of rosiglitazone on serum lipoprotein(a) levels in Korean patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 731-734.	1.5	26
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55	Peroxisome Proliferator-Activated Receptor β Negatively Regulates T-bet Transcription Through Suppression of p38 Mitogen-Activated Protein Kinase Activation. <i>Journal of Immunology</i> , 2003, 171, 196-203.	0.4	56
56	Peroxisome Proliferator-Activated Receptor- β Activator 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J2 Inhibits Neuroblastoma Cell Growth through Induction of Apoptosis: Association with Extracellular Signal-Regulated Kinase Signal Pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 505-517.	1.3	73
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73	Lovastatin, a 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase Inhibitor, Induces Apoptosis and Differentiation in Human Anaplastic Thyroid Carcinoma Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3021-3026.	1.8	65
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96	Bezafibrate and Simvastatin: Different Beneficial Effects for Different Therapeutic Aims. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1978-1978.	1.8	7
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98	Serum Resistin (FIZZ3) Protein Is Increased in Obese Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1977-1977.	1.8	15
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1615	ATM inhibition synergizes with fenofibrate in high grade serous ovarian cancer cells. <i>Heliyon</i> , 2020, 6, e05097.	1.4	4
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1618	Structure-Guided Design and In-Cell Target Profiling of a Cell-Active Target Engagement Probe for PARP Inhibitors. <i>ACS Chemical Biology</i> , 2020, 15, 325-333.	1.6	18
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1644	COX-2-PGE2-EPs in gynecological cancers. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 1365-1375.	0.8	51
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1656	Synthesis and Biological Activity of Piperine Derivatives as Potential PPAR α Agonists. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 2069-2078.	2.0	10
1657	Empagliflozin ameliorates ethanol-induced liver injury by modulating NF- κ B/Nrf-2/PPAR β interplay in mice. <i>Life Sciences</i> , 2020, 256, 117908.	2.0	33
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1661	The Novel Role of PPAR Alpha in the Brain: Promising Target in Therapy of Alzheimer's Disease and Other Neurodegenerative Disorders. <i>Neurochemical Research</i> , 2020, 45, 972-988.	1.6	161
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1667	Signaling pathways of oxidative stress in aquatic organisms exposed to xenobiotics. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020, 333, 436-448.	0.9	30
1668	Developmental exposure to δ^9 -tetrahydrocannabinol (THC) causes biphasic effects on longevity, inflammation, and reproduction in aged zebrafish (<i>Danio rerio</i>). <i>GeroScience</i> , 2020, 42, 923-936.	2.1	12
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1678	Evolution of a 4-Benzyloxy-benzylamino Chemotype to Provide Efficacious, Potent, and Isoform Selective PPAR α Agonists as Leads for Retinal Disorders. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2854-2876.	2.9	7
1679	Development of AOP relevant to microplastics based on toxicity mechanisms of chemical additives using ToxCast TM and deep learning models combined approach. <i>Environment International</i> , 2020, 137, 105557.	4.8	59
1680	Pharmacologic Treatment Strategies for Nonalcoholic Steatohepatitis. <i>Gastroenterology Clinics of North America</i> , 2020, 49, 105-121.	1.0	4
1681	Shared PPAR α Target Genes Regulate Brown Adipocyte Thermogenic Function. <i>Cell Reports</i> , 2020, 30, 3079-3091.e5.	2.9	26
1682	Neuroendocrinology and neurobiology of sebaceous glands. <i>Biological Reviews</i> , 2020, 95, 592-624.	4.7	48
1683	Lysophosphatidylcholine Induces NLRP3 Inflammasome-Mediated Foam Cell Formation and Pyroptosis in Human Monocytes and Endothelial Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2927.	2.2	44

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1687	Metabolic Checkpoints in Rheumatoid Arthritis. <i>Frontiers in Physiology</i> , 2020, 11, 347.	1.3	41
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1690	Synthesis and evaluation of new 1,2,4-oxadiazole based trans- acrylic acid derivatives as potential PPAR-alpha/gamma dual agonist. <i>Bioorganic Chemistry</i> , 2020, 100, 103867.	2.0	20
1691	MicroRNA-409-5p promotes retinal neovascularization in diabetic retinopathy. <i>Cell Cycle</i> , 2020, 19, 1314-1325.	1.3	14
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1697	Characterization of local gut microbiome and intestinal transcriptome responses to rosiglitazone treatment in diabetic db/db mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110966.	2.5	12
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1724	Ligand and structure-based computational designing of multi-target molecules directing FFAR-1, FFAR-4 and PPAR-G as modulators of insulin receptor activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 6974-6988.	2.0	1
1725	INPP4B protects from metabolic syndrome and associated disorders. <i>Communications Biology</i> , 2021, 4, 416.	2.0	10
1726	Oxidative stress in bladder cancer: an ally or an enemy?. <i>Molecular Biology Reports</i> , 2021, 48, 2791-2802.	1.0	9
1727	Cell signaling pathways as molecular targets to eliminate AML stem cells. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 160, 103277.	2.0	20
1728	ELİT KAYAKLI KOZUCULARDA PPAR-A'NİN (RS4253778) SERUM LİPİTLERİNE ETKİSİNİN İNCELENMESİ. <i>Performans Araştırmalar Dergisi</i> , 2021, 12, 72-79.	0.1	0
1729	Breast cancer-associated skeletal muscle mitochondrial dysfunction and lipid accumulation is reversed by PPARC. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C577-C590.	2.1	29
1730	Fenofibrate (a PPAR- γ Agonist) Administered During Ethanol Withdrawal Reverts Ethanol-Induced Astrogliosis and Restores the Levels of Glutamate Transporter in Ethanol-Administered Adolescent Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 653175.	1.6	7
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1733	Regulation of long-chain polyunsaturated fatty acid biosynthesis in teleost fish. <i>Progress in Lipid Research</i> , 2021, 82, 101095.	5.3	66
1734	Type II nuclear receptors with potential role in Alzheimer disease. <i>Molecular Aspects of Medicine</i> , 2021, 78, 100940.	2.7	5
1735	The Role of Lipid Sensing Nuclear Receptors (PPARs and LXR) and Metabolic Lipases in Obesity, Diabetes and NAFLD. <i>Genes</i> , 2021, 12, 645.	1.0	41
1736	SIRT1 promotes lipid metabolism and mitochondrial biogenesis in adipocytes and coordinates adipogenesis by targeting key enzymatic pathways. <i>Scientific Reports</i> , 2021, 11, 8177.	1.6	77
1737	Cellular Responses to the Efferocytosis of Apoptotic Cells. <i>Frontiers in Immunology</i> , 2021, 12, 631714.	2.2	39
1738	Metabolic Spectrum of Liver Failure in Type 2 Diabetes and Obesity: From NAFLD to NASH to HCC. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4495.	1.8	56
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1741	Selection and Characterization of Probiotic Bacteria Exhibiting Antiadipogenic Potential in 3T3-L1 Preadipocytes. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 72-86.	1.9	8
1742	Biomimetic Total Syntheses of Amorfrutins A, B, (S)- 1 and (R)- 1 and Formal Synthesis of Amorfrutin C. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2540-2548.	1.2	2
1743	Impact of endocrine-disrupting chemicals on steroidogenesis and consequences on testicular function. <i>Molecular and Cellular Endocrinology</i> , 2021, 527, 111215.	1.6	27
1744	Natural Compound 1 , 7, 25-trihydroxycucurbita-5,23(E)-dien-19-al from <i>Momordica charantia</i> Acts as PPAR γ Ligand. <i>Molecules</i> , 2021, 26, 2682.	1.7	7
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