

Mode of Action of Tacrolimus (FK506): Molecular and Cellular

Therapeutic Drug Monitoring

17, 584-591

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Tacrolimus. <i>Drugs</i> , 1997, 54, 925-975.	4.9	281
2	Clinically Significant Drug Interactions with New Immunosuppressive Agents. <i>Drug Safety</i> , 1997, 16, 267-278.	1.4	122
3	Identification of a 37 kDa Tacrolimus, Sirolimus and cyclosporine binding immunophilin possessing glyceraldehyde 3-phosphate dehydrogenase activity isolated from the JURKAT T cell line. <i>Clinical Biochemistry</i> , 1997, 30, 129-133.	0.8	13
4	Gender Differences in Autoimmune Diseases: Estrogen Increases Calcineurin Expression in Systemic Lupus Erythematosus. <i>Clinical Immunology and Immunopathology</i> , 1998, 89, 171-180.	2.1	58
5	Cyclosporine heart transplantation. <i>Transplantation Proceedings</i> , 1998, 30, 1881-1884.	0.3	22
6	FK506 antagonizes apoptosis and c-jun protein expression in neuronal cultures. <i>NeuroReport</i> , 1998, 9, 2077-2080.	0.6	41
7	Urinary excretion of aquaporin-2 in disorders of water metabolism. <i>Nephrology Dialysis Transplantation</i> , 1998, 13, 1615-1616.	0.4	3
8	Autoantibodies to FK506 Binding Protein 12 (FKBP12) in Autoimmune Diseases. <i>Autoimmunity</i> , 1999, 29, 159-170.	1.2	7
9	Cyclosporine and tacrolimus (FK506): A comparison of efficacy and safety profiles. <i>Clinical Transplantation</i> , 1999, 13, 209-220.	0.8	115
10	Tacrolimus (FK506) in the treatment of posterior uveitis refractory to cyclosporine. <i>Ophthalmology</i> , 1999, 106, 723-728.	2.5	142
11	Immunosuppressants FK506 and rapamycin have different effects on the biosynthesis of cytoplasmic actin during the early period of T cell activation. <i>Biochemical Journal</i> , 1999, 344, 803-812.	1.7	11
12	Immunosuppressants FK506 and rapamycin have different effects on the biosynthesis of cytoplasmic actin during the early period of T cell activation. <i>Biochemical Journal</i> , 1999, 344, 803.	1.7	5
13	Simultaneous Quantification of Tacrolimus and Sirolimus, in Human Blood, by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Therapeutic Drug Monitoring</i> , 2000, 22, 608-612.	1.0	45
14	Expression of DNA topoisomerases in chronic proliferative kidney disease. <i>Kidney International</i> , 2000, 58, 1603-1612.	2.6	7
15	Tacrolimus: pharmacology and therapeutic uses in dermatology. <i>International Journal of Dermatology</i> , 2000, 39, 721-727.	0.5	31
16	Immunosuppression with FK506 Increases Bone Induction in Demineralized Isogenic and Xenogenic Bone Matrix in the Rat. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1825-1834.	3.1	35
17	Calcineurin: Form and Function. <i>Physiological Reviews</i> , 2000, 80, 1483-1521.	13.1	1,239
18	Mannosylated Lipoarabinomannan Antagonizes Mycobacterium tuberculosis-Induced Macrophage Apoptosis by Altering Ca ²⁺ -Dependent Cell Signaling. <i>Journal of Infectious Diseases</i> , 2000, 182, 240-251.	1.9	96

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19	Apoptosis in rheumatic diseases. American Journal of Medicine, 2000, 108, 73-82.	0.6	53
20	Tacrolimus. Drugs, 2000, 59, 323-389.	4.9	266
21	Brain ischemia and reperfusion: molecular mechanisms of neuronal injury. Journal of the Neurological Sciences, 2000, 179, 1-33.	0.3	714
22	Gender differences in autoimmunity: molecular basis for estrogen effects in systemic lupus erythematosus. International Immunopharmacology, 2001, 1, 1009-1024.	1.7	97
23	CYCLOSPORINE AND TACROLIMUS IN DERMATOLOGY. Dermatologic Clinics, 2001, 19, 119-137.	1.0	44
24	Tacrolimus Ointment. American Journal of Clinical Dermatology, 2001, 2, 389-406.	3.3	65
25	Therapeutic Monitoring of Tacrolimus Concentrations in Blood: Semi-Automated Extraction and Liquid Chromatography-Electrospray Ionization Mass Spectrometry. Therapeutic Drug Monitoring, 2001, 23, 239-249.	1.0	50
26	Tacrolimus in Dermatology. Journal of Cutaneous Medicine and Surgery, 2001, 5, 329-335.	0.6	4
27	Tacrolimus in Dermatology. Journal of Cutaneous Medicine and Surgery, 2001, 5, 329-335.	0.6	37
28	The immunosuppressant drug FK506 is a potent trophic agent for human fetal neurons. Developmental Brain Research, 2001, 132, 151-157.	2.1	34
29	Overexpression of FK506-Binding Protein FKBP12.6 in Cardiomyocytes Reduces Ryanodine Receptor-Mediated Ca ²⁺ Leak From the Sarcoplasmic Reticulum and Increases Contractility. Circulation Research, 2001, 88, 188-194.	2.0	137
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31	Mechanisms of Clinically Relevant Drug Interactions Associated with Tacrolimus. Clinical Pharmacokinetics, 2002, 41, 813-851.	1.6	272
32	Effect of tacrolimus on endotoxin-induced lung injury in sheep. Respiratory Physiology and Neurobiology, 2002, 130, 89-97.	0.7	1
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34	Quality of life in kidney recipients: comparison of tacrolimus and cyclosporine-microemulsion. Clinical Transplantation, 2002, 16, 48-54.	0.8	39
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36	Factors affecting variability in distribution of tacrolimus in liver transplant recipients. British Journal of Clinical Pharmacology, 2003, 57, 298-309.	1.1	95

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37	Tacrolimus. <i>Drugs</i> , 2003, 63, 1247-1297.	4.9	373
38	Calcineurin Inhibitors in Renal Transplantation. <i>Drugs</i> , 2003, 63, 1535-1548.	4.9	64
39	Changing paradigms in dermatology: proteomics: a new approach to skin disease. <i>Clinics in Dermatology</i> , 2003, 21, 370-374.	0.8	7
40	Severe hemolytic anemia related to production of cold agglutinins following living donor liver transplantation: a case report. <i>Transplantation Proceedings</i> , 2003, 35, 399-400.	0.3	15
42	Prevention of the initial host immuno-inflammatory response determines the long-term survival of encapsulated myoblasts genetically engineered for erythropoietin delivery. <i>Molecular Therapy</i> , 2003, 7, 506-514.	3.7	36
43	Ciclosporina A e tacrolimus: uma revisÃ£o. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2004, 40, 393-401.	0.3	11
44	Combined Excimer Laser and Topical Tacrolimus for the Treatment of Vitiligo: A Pilot Study. <i>Dermatologic Surgery</i> , 2004, 30, 130-135.	0.4	109
45	Prevalence of gingival overgrowth in transplant patients immunosuppressed with tacrolimus. <i>Journal of Clinical Periodontology</i> , 2004, 31, 126-131.	2.3	69
46	Myasthenic crisis after the cessation of FK506 in a patient with myasthenia gravis. <i>Journal of Neurology</i> , 2004, 251, 1154-5.	1.8	3
47	Clinical Pharmacokinetics and Pharmacodynamics of Tacrolimus in Solid Organ Transplantation. <i>Clinical Pharmacokinetics</i> , 2004, 43, 623-653.	1.6	708
48	Update on liver transplantation using cyclosporine. <i>Transplantation Proceedings</i> , 2004, 36, 2525-2531.	0.3	26
49	Production of hepatitis B surface antigen-pulsed dendritic cells from immunosuppressed murine hepatitis B virus carrier: evaluation of immunogenicity of antigen-pulsed dendritic cells in vivo. <i>Immunobiology</i> , 2004, 209, 551-557.	0.8	13
50	Conversion from cyclosporine A to tacrolimus in pediatric kidney transplant recipients with chronic rejection: Changes in the immune responses. <i>Transplantation</i> , 2004, 77, 532-537.	0.5	30
51	Tacrolimus or Cyclosporine: Which Is the Better Partner for Mycophenolate Mofetil in Heart Transplant Recipients?. <i>Transplantation</i> , 2004, 78, 591-598.	0.5	64
52	Changes in Tacrolimus Distribution in Blood and Plasma Protein Binding Following Liver Transplantation. <i>Therapeutic Drug Monitoring</i> , 2004, 26, 506-515.	1.0	54
53	Combined Excimer Laser and Topical Tacrolimus for the Treatment of Vitiligo. <i>Dermatologic Surgery</i> , 2004, 30, 130-135.	0.4	54
54	Lack of Correlation between Results of ABO-Incompatible Living Kidney Transplantation and Anti-ABO Blood Type Antibody Titers under Our Current Immunosuppression. <i>Transplantation</i> , 2005, 80, 985-988.	0.5	88
55	Effect of tacrolimus in a patient with pure red-cell aplasia. <i>International Journal of Laboratory Hematology</i> , 2005, 27, 67-69.	0.2	15

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57	Future Treatment Options in PBC. <i>Seminars in Liver Disease</i> , 2005, 25, 347-363.	1.8	15
58	Differential Effect of Tacrolimus on Dermal and Intestinal Wound Healing. <i>Journal of Investigative Surgery</i> , 2005, 18, 71-79.	0.6	31
59	Overview of tacrolimus-based immunosuppression after heart or lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 119-130.	0.3	76
60	Immunosuppression with FK506 has no influence on fracture healing in the rat. <i>Bone</i> , 2005, 37, 227-233.	1.4	27
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62	Comparison of the Efficacy and Safety of 0.1% Tacrolimus Ointment with Topical Corticosteroids in Adult Patients with Atopic Dermatitis. <i>Clinical Drug Investigation</i> , 2006, 26, 235-246.	1.1	42
63	Effects of Immunosuppressive and Immunostimulative Treatment on Pancreatic Injury and Mortality in Severe Acute Experimental Pancreatitis. <i>Pancreas</i> , 2006, 33, 174-183.	0.5	29
64	Tacrolimus and quality of life after kidney transplantation - a multicenter study. <i>Clinical Transplantation</i> , 2006, 20, 504-508.	0.8	12
65	Oral health in renal transplant recipients administered cyclosporin A or tacrolimus. <i>Oral Diseases</i> , 2006, 12, 309-314.	1.5	44
66	Effect of tacrolimus and cyclosporine A on suppression of albumin secretion induced by inflammatory cytokines in cultured human hepatocytes. <i>Inflammation Research</i> , 2006, 55, 216-220.	1.6	15
67	Role of Topical Calcineurin Inhibitors on Atopic Dermatitis of Children. <i>Current Medicinal Chemistry</i> , 2007, 14, 1579-1591.	1.2	6
68	Cloned Enzyme Donor Immunoassay Tacrolimus Assay Compared With High-Performance Liquid Chromatography-Tandem Mass Spectrometry and Microparticle Enzyme Immunoassay in Liver and Renal Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2007, 29, 584-591.	1.0	33
71	Tacrolimus: A New Option in Therapy-Resistant Chronic External Otitis. <i>Laryngoscope</i> , 2007, 117, 1046-1052.	1.1	26
72	Systemic ciclosporin and tacrolimus in dermatology. <i>Dermatologic Therapy</i> , 2007, 20, 239-250.	0.8	72
73	Successful treatment using tacrolimus plus corticosteroid in a patient with RA associated with MDS. <i>Rheumatology International</i> , 2008, 28, 487-490.	1.5	5
75	How not to be seen: immune-evasion strategies in gene therapy. <i>Gene Therapy</i> , 2008, 15, 239-246.	2.3	32
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78	Quantification of Tacrolimus in Human Skin Samples and Ointment by LC-MS. <i>Chromatographia</i> , 2009, 70, 581-584.	0.7	6
79	Kidney Graft Function in Long-term Cyclosporine and Tacrolimus Treatment: Comparative Study With Nephrotoxicity Markers. <i>Transplantation Proceedings</i> , 2009, 41, 1660-1665.	0.3	10
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81	Recalcitrant Pemphigus Vulgaris Responding to Systemic Tacrolimus. <i>Dermatology</i> , 2010, 221, 122-126.	0.9	16
82	Tacrolimus-eluting stent inhibits neointimal hyperplasia via calcineurin/NFAT signaling in porcine coronary artery model. <i>Atherosclerosis</i> , 2010, 208, 97-103.	0.4	27
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84	An Investigation Comparing the Efficacy of Topical Ocular Application of Tacrolimus and Cyclosporine in Dogs. <i>Veterinary Medicine International</i> , 2011, 2011, 1-5.	0.6	34
85	Dermal targeting of tacrolimus using colloidal carrier systems. <i>International Journal of Pharmaceutics</i> , 2011, 404, 159-168.	2.6	67
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87	Ocular graft-versus-host disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 540-547.	1.1	104
88	Inhibitory Effect of Tacrolimus on p38 Mitogen-Activated Protein Kinase Signaling in Kidney Transplant Recipients Measured by Whole-Blood Phosphospecific Flow Cytometry. <i>Transplantation</i> , 2012, 93, 1245-1251.	0.5	14
89	The Effect of Topical FK506 (Tacrolimus) in a Mouse Model of Allergic Rhinitis. <i>American Journal of Rhinology and Allergy</i> , 2012, 26, e71-e75.	1.0	7
90	Putative Calcium Channels CchA and MidA Play the Important Roles in Conidiation, Hyphal Polarity and Cell Wall Components in <i>Aspergillus nidulans</i> . <i>PLoS ONE</i> , 2012, 7, e46564.	1.1	56
91	Immunosuppressants: implications in Orthodontics. <i>Dental Press Journal of Orthodontics</i> , 2012, 17, 55-61.	0.2	4
92	Preparation and <i>In Vitro</i> Evaluation of Tacrolimus-Loaded Ethosomes. <i>Scientific World Journal</i> , 2012, 2012, 1-6.	0.8	22
93	Drug-eluting stent restenosis: Effect of drug type, release kinetics, hemodynamics and coating strategy. <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> , 2012, 134, 43-53.		62
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96	Oral tacrolimus as maintenance therapy for refractory ulcerative colitis—an analysis of outcomes in two London tertiary centres. <i>Journal of Crohn's and Colitis</i> , 2013, 7, e516-e521.	0.6	24
97	Topical tacrolimus nanoemulsion, a promising therapeutic approach for uveitis. <i>Medical Hypotheses</i> , 2013, 81, 901-904.	0.8	24
98	Effective long-term immunosuppression in rats by subcutaneously implanted sustained-release tacrolimus pellet: Effect on spinally grafted human neural precursor survival. <i>Experimental Neurology</i> , 2013, 248, 85-99.	2.0	24
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100	PharmGKB summary. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 563-585.	0.7	184
101	Immunosuppression and Monitoring of Rejection in Hand Transplantation. <i>Techniques in Hand and Upper Extremity Surgery</i> , 2013, 17, 208-214.	0.3	28
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103	Heart and lung transplantation. <i>Current Opinion in Anaesthesiology</i> , 2014, 27, 153-160.	0.9	5
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111	The biology of graft-versus-host disease: experimental systems instructing clinical practice. <i>Blood</i> , 2014, 124, 354-362.	0.6	153
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118	Cytotoxic and genotoxic effects of high concentrations of the immunosuppressive drugs cyclosporine and tacrolimus in MRC-5 cells. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 179-187.	2.1	22
119	Insights into peptidyl-prolyl cis-trans isomerase structure and function in immunocytes. <i>Immunology Letters</i> , 2015, 163, 120-131.	1.1	37
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122	An UPLC-MS/MS method coupled with automated on-line SPE for quantification of tacrolimus in peripheral blood mononuclear cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 512-517.	1.4	29
123	The effects of tacrolimus on the activity and expression of tissue factor in the rat ovary with ischemia-reperfusion induced injury. <i>Reproductive Biology</i> , 2015, 15, 139-145.	0.9	6
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129	Tacrolimus and curcumin co-loaded liposphere gel: Synergistic combination towards management of psoriasis. <i>Journal of Controlled Release</i> , 2016, 243, 132-145.	4.8	98
130	Extended-release tacrolimus tablets for preventing organ transplant rejection. <i>Expert Opinion on Orphan Drugs</i> , 2016, 4, 1079-1086.	0.5	0

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132	Advancements in the management of uveitis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2016, 30, 304-315.	1.4	37
133	Pharmacology of Ocular Therapeutics. , 2016, , .		6
134	Mucoadhesive Polymers and Ocular Lubricants. , 2016, , 269-283.		1
135	Benefit of adjunctive tacrolimus in connective tissue disease-interstitial lung disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 36, 46-52.	1.1	41
136	Acute renal allograft rejection after immune checkpoint inhibitor therapy for metastatic melanoma. <i>Annals of Oncology</i> , 2016, 27, 1135-1137.	0.6	131
137	Protective effect of mycophenolate mofetil against nephrotoxicity and hepatotoxicity induced by tacrolimus in Wistar rats. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 133-144.	1.3	27
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143	FKBP8 recruits LC3A to mediate Parkin-independent mitophagy. <i>EMBO Reports</i> , 2017, 18, 947-961.	2.0	295
144	Tacrolimus Eye Drops as Adjunct Therapy in Severe Corneal Endothelial Rejection Refractory to Corticosteroids. <i>Cornea</i> , 2017, 36, 1195-1199.	0.9	13
145	Single synchronous delivery of FK506-loaded polymeric microspheres with pancreatic islets for the successful treatment of streptozocin-induced diabetes in mice. <i>Drug Delivery</i> , 2017, 24, 1350-1359.	2.5	29
146	Cytokines in Hematopoietic Stem Cell Transplantation. , 2017, , 219-236.		1
147	Translation in cardiovascular stents and occluders: From biostable to fully degradable. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 156-169.	3.9	14
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156	Effects of nanoparticles with hydrotropic nicotinamide on tacrolimus: permeability through psoriatic skin and antipsoriatic and antiproliferative activities. International Journal of Nanomedicine, 2017, Volume 12, 1485-1497.	3.3	32
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