Insulin-sparing effect of hydroxychloroquine in diabetic rats is concentration dependent

DOI: 10.1139/y98-146
Canadian Journal of Physiology and Pharmacology, 1999, 77, 118-123.

#	Paper	IF	Citations
36	The effectiveness of hydroxychloroquine in patients with type 2 diabetes mellitus who are refractory to sulfonylureas--a randomized trial. *Diabetes Research and Clinical Practice*, **2002**, 55, 209-19	7.4	120
35	Antidiabetic and antimalarial biguanide drugs are metal-interactive antiproteolytic agents. *Biochemical Pharmacology*, **2003**, 66, 663-77	6	47
34	Discontinuation rate and factors predictive of the use of hydroxychloroquine in LUMINA, a multiethnic US cohort (LUMINA XL). *Lupus*, **2006**, 15, 700-4	2.6	7
33	Autologous skin grafting--a limb-saving procedure in a patient with diffuse cutaneous systemic sclerosis. *Rheumatology*, **2008**, 47, 379-80	3.9	1
32	Hypoglycaemia induced by hydroxychloroquine in a non-diabetic patient treated for RA. *Rheumatology*, **2008**, 47, 378-9	3.9	45
31	Hydroxychloroquine and risk of diabetes in patients with rheumatoid arthritis. *JAMA - Journal of the American Medical Association*, **2007**, 298, 187-93	27.4	190
30	Effect of atorvastatin and hydroxychloroquine combination on blood glucose in alloxan-induced diabetic rats. *Indian Journal of Pharmacology*, **2009**, 41, 125-8	2.5	9
29	The lysosome among targets of metformin: new anti-inflammatory uses for an old drug?. *Expert Opinion on Therapeutic Targets*, **2010**, 14, 467-78	6.4	16
28	Hypoglycemia induced by hydroxychloroquine in a patient treated for rheumatoid arthritis. *Journal of Clinical Rheumatology*, **2011**, 17, 46-7	1.1	28
27	Hydroxycloroquine-induced oxidative stress on sciatic nerve and muscle tissue of rats: a stereological and biochemical study. *Human and Experimental Toxicology*, **2012**, 31, 1066-73	3.4	7
26	Hydroxychloroquine in lupus: emerging evidence supporting multiple beneficial effects. *Internal Medicine Journal*, **2012**, 42, 968-78	1.6	73
25	Hydroxychloroquine improves insulin sensitivity in obese non-diabetic individuals. *Arthritis Research and Therapy*, **2012**, 14, R135	5.7	65
24	Influence of atorvastatin on the pharmacodynamic and pharmacokinetic activity of repaglinide in rats and rabbits. *Molecular and Cellular Biochemistry*, **2012**, 364, 159-64	4.2	5
23	Chloroquine stimulates glucose uptake and glycogen synthase in muscle cells through activation of Akt. *Biochemical and Biophysical Research Communications*, **2013**, 435, 708-13	3.4	19
22	The biological and clinical activity of anti-malarial drugs in autoimmune disorders. *Current Rheumatology Reviews*, **2013**, 9, 45-62	1.6	27
21	[Effects of hydroxychloroquine on insulin sensitivity and lipid profile in patients with rheumatoid arthritis]. *Revista Medica De Chile*, **2013**, 141, 1019-25	0.5	7
20	Carbohydrate metabolism disorders in patients with rheumatoid arthritis and ankylosing spondylitis Impact of treatment. *Reumatologia*, **2014**, 2, 129-135	1.7	

19	Effect of hydroxychloroquine on insulin sensitivity and lipid parameters in rheumatoid arthritis patients without diabetes mellitus: a randomized, blinded crossover trial. *Arthritis Care and Research*, **2014**, 66, 1246-51	4.7	45
18	Efficacy and safety of hydroxychloroquine in the treatment of type 2 diabetes mellitus: a double blind, randomized comparison with pioglitazone. *Current Medical Research and Opinion*, **2014**, 30, 1257-66	2.5	60
17	A favorable effect of hydroxychloroquine on glucose and lipid metabolism beyond its anti-inflammatory role. *Therapeutic Advances in Endocrinology and Metabolism*, **2014**, 5, 77-85	4.5	52
16	Therapy and pharmacological properties of hydroxychloroquine and chloroquine in treatment of systemic lupus erythematosus, rheumatoid arthritis and related diseases. *Inflammopharmacology*, **2015**, 23, 231-69	5.1	300
15	Anti-inflammatory Agents in the Treatment of Diabetes and Its Vascular Complications. *Diabetes Care*, **2016**, 39 Suppl 2, S244-52	14.6	134
14	Hydroxychloroquine: Looking into the Future. *Romanian Journal of Diabetes Nutrition and Metabolic Diseases*, **2017**, 24, 369-375	0.2	4
13	Desirable and Adverse Effects of Antiinflammatory Agents on the Heart. **2017**, 617-643		0
12	Metabolic and cardiovascular benefits of hydroxychloroquine in patients with rheumatoid arthritis: a systematic review and meta-analysis. *Annals of the Rheumatic Diseases*, **2018**, 77, 98-103	2.4	117
11	Boosting ATM activity alleviates aging and extends lifespan in a mouse model of progeria. *ELife*, **2018**, 7,	8.9	31
10	Clinical value of a [18F]-FDG PET-CT muscle-to-muscle SUV ratio for the diagnosis of active dermatomyositis. *European Radiology*, **2019**, 29, 6708-6716	8	7
9	Protective effect of hydroxychloroquine on rheumatoid arthritis-associated atherosclerosis. *Animal Models and Experimental Medicine*, **2019**, 2, 98-106	4.2	13
8	Recent Clinical and Preclinical Studies of Hydroxychloroquine on RNA Viruses and Chronic Diseases: A Systematic Review. *Molecules*, **2020**, 25,	4.8	2
7	Antihyperglycemic properties of hydroxychloroquine in patients with diabetes: Risks and benefits at the time of COVID-19 pandemic. *Journal of Diabetes*, **2020**, 12, 659-667	3.8	19
6	Efficacy and safety of hydroxychloroquine as add-on therapy in uncontrolled type 2 diabetes patients who were using two oral antidiabetic drugs. *Journal of Endocrinological Investigation*, **2021**, 44, 481-492	5.2	11
5	Effect of hydroxychloroquine on glucose control in patients with and without diabetes: a systematic review and meta-analysis of randomized controlled clinical trials. *European Journal of Clinical Pharmacology*, **2021**, 77, 1705-1712	2.8	1
4	Antidiabetic Drugs in Combination with Hydroxychloroquine Improve Glycemic Control in Alloxan Induced Diabetic Rats. *Pharmacology & Pharmacy*, **2014**, 05, 725-735	0.3	5
3	Wide Applications of Chloroquine Other Than Antimalarial. *Pharmacology & Pharmacy*, **2020**, 11, 251-281	0.3	1
2	Safety considerations of chloroquine in the treatment of patients with diabetes and COVID-19.. *Chemico-Biological Interactions*, **2022**, 109954	5	0

1	Hydroxychloroquine use reduces mortality risk in systemic lupus erythematosus: A systematic review and meta-analysis of cohort studies. 096120332211297	0