

# Antiphospholipid antibodies and the placenta: a system and modulation by treatment

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Antiphospholipid antibodies bind syncytiotrophoblast mitochondria and alter the proteome of extruded syncytial nuclear aggregates. <i>Placenta</i> , 2015, 36, 1463-1473.	1.5	26
2	Antiphospholipid Antibodies Alter Cell Death Regulating Lipid Metabolites in First and Third Trimester Human Placentae. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 181-199.	1.2	6
3	Rheological, hemostaseological changes during immunotherapy for prevention of HELLP-syndrome in a patient with elevated phospholipid antibodies. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 60, 123-131.	1.7	3
4	Histopathology in the placentae of women with antiphospholipid antibodies: A systematic review of the literature. <i>Autoimmunity Reviews</i> , 2015, 14, 446-471.	5.8	130
5	In vitro culture conditions, antiphospholipid antibodies and trophoblast function. <i>Human Reproduction Update</i> , 2015, 21, 406-407.	10.8	1
6	Systemic lupus erythematosus: strategies to improve pregnancy outcomes. <i>International Journal of Women's Health</i> , 2016, Volume 8, 265-272.	2.6	24
7	A Dormant Microbial Component in the Development of Preeclampsia. <i>Frontiers in Medicine</i> , 2016, 3, 60.	2.6	64
8	The role of anti-phospholipid antibodies in autoimmune reproductive failure. <i>Reproduction</i> , 2016, 151, R79-R90.	2.6	21
9	Antiphospholipid syndrome. <i>Best Practice and Research in Clinical Rheumatology</i> , 2016, 30, 133-148.	3.3	48
10	Complement inhibition by hydroxychloroquine prevents placental and fetal brain abnormalities in antiphospholipid syndrome. <i>Journal of Autoimmunity</i> , 2016, 75, 30-38.	6.5	88
11	Prevention & treatment of obstetrical complications in APS: Is hydroxychloroquine the Holy Grail we are looking for?. <i>Journal of Autoimmunity</i> , 2016, 75, 1-5.	6.5	19
12	Recurrent Pregnancy Loss: Generally Accepted Causes and Their Management. <i>Clinical Obstetrics and Gynecology</i> , 2016, 59, 464-473.	1.1	30
13	ApoE Receptor 2 Mediation of Trophoblast Dysfunction and Pregnancy Complications Induced by Antiphospholipid Antibodies in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 730-739.	5.6	56
14	Stem Cells and Pregnancy Disorders: From Pathological Mechanisms to Therapeutic Horizons. <i>Seminars in Reproductive Medicine</i> , 2016, 34, 017-026.	1.1	1
15	Delineating the deranged immune system in the antiphospholipid syndrome. <i>Autoimmunity Reviews</i> , 2016, 15, 50-60.	5.8	56
16	Additional Treatments for High-Risk Obstetric Antiphospholipid Syndrome: a Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2017, 53, 28-39.	6.5	16
17	Low molecular weight heparins prevent the induction of autophagy of activated neutrophils and the formation of neutrophil extracellular traps. <i>Pharmacological Research</i> , 2017, 123, 146-156.	7.1	77
18	Enhancement of trophoblast differentiation and survival by low molecular weight heparin requires heparin-binding EGF-like growth factor. <i>Human Reproduction</i> , 2017, 32, 1218-1229.	0.9	26

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19	Mechanisms of Antiphospholipid Antibody-Mediated Pregnancy Morbidity. , 2017, , 117-143.		3
20	Review: Placental mitochondrial function and structure in gestational disorders. Placenta, 2017, 54, 2-9.	1.5	151
21	Antiphospholipid syndrome and recurrent miscarriage: A systematic review and meta-analysis. Journal of Reproductive Immunology, 2017, 123, 78-87.	1.9	42
22	Pravastatin to treat and prevent preeclampsia. Preclinical and clinical studies. Journal of Reproductive Immunology, 2017, 124, 15-20.	1.9	36
23	Antiphospholipid antibodies increase the levels of mitochondrial DNA in placental extracellular vesicles: Alarmin-g for preeclampsia. Scientific Reports, 2017, 7, 16556.	3.3	37
24	Immunoglobulins from sera of APS patients bind HTR-8/SVneo trophoblast cell line and reduce additional mediators of cell invasion. Reproductive Biology, 2017, 17, 389-395.	1.9	7
25	Maternal Diseases that Affect Fetal and Neonatal Neurodevelopment. , 0, , 116-124.		0
26	Pravastatin for Preeclampsia Prevention and Treatment. Comprehensive Gynecology and Obstetrics, 2018, , 239-251.	0.0	0
27	Antiphospholipid Antibodies Inhibit Trophoblast Tollâ€­Like Receptor and Inflammasome Negative Regulators. Arthritis and Rheumatology, 2018, 70, 891-902.	5.6	36
28	Preeclampsia. Comprehensive Gynecology and Obstetrics, 2018, , .	0.0	6
29	New Insights in the Pathophysiology of Antiphospholipid Syndrome. Seminars in Thrombosis and Hemostasis, 2018, 44, 475-482.	2.7	26
30	Therapy for antiphospholipid miscarriages: Throwing the baby out with the bathwater?. American Journal of Reproductive Immunology, 2018, 79, e12792.	1.2	3
31	Low molecular weight heparin and aspirin exacerbate human endometrial endothelial cell responses to antiphospholipid antibodies. American Journal of Reproductive Immunology, 2018, 79, e12785.	1.2	17
32	Mechanisms of Endothelial Dysfunction in Antiphospholipid Syndrome: Association With Clinical Manifestations. Frontiers in Physiology, 2018, 9, 1840.	2.8	51
35	HIBISCUS: Hydroxychloroquine for the secondary prevention of thrombotic and obstetrical events in primary antiphospholipid syndrome. Autoimmunity Reviews, 2018, 17, 1153-1168.	5.8	62
36	Interferons and Proinflammatory Cytokines in Pregnancy and Fetal Development. Immunity, 2018, 49, 397-412.	14.3	336
37	Anticardiolipin (aCL) in sera from periodontitis subjects activate Toll-like receptor 4 (TLR4). PLoS ONE, 2018, 13, e0203494.	2.5	8
38	Antiphosphatidylserine/prothrombin Antibodies in Antiphospholipid Syndrome with Intrauterine Growth Restriction and Preeclampsia. Journal of Rheumatology, 2018, 45, 1263-1272.	2.0	24

#	ARTICLE	IF	CITATIONS
39	Interleukin-3 Polymorphism is Associated with Miscarriage of Fresh in Vitro Fertilization Cycles. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 995.	2.6	9
40	Reporting quality in systematic reviews of <i>in vitro</i> studies: a systematic review. <i>Current Medical Research and Opinion</i> , 2019, 35, 1631-1641.	1.9	17
41	Treatment of refractory poor aPL-related obstetric outcomes with TNF-alpha blockers: Maternal-fetal outcomes in a series of 18 cases. <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 314-318.	3.4	24
42	Role of NOD2 in antiphospholipid antibody-induced and bacterial MDP amplification of trophoblast inflammation. <i>Journal of Autoimmunity</i> , 2019, 98, 103-112.	6.5	12
43	Antibodies: The major participants in maternalâ€“fetal interaction. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 39-46.	1.3	9
44	The pathogenic role of autoantibodies in recurrent pregnancy loss. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13200.	1.2	25
46	Antiapolipoprotein A-1 Autoantibody Positivity Is Associated with Threatened Abortion. <i>BioMed Research International</i> , 2020, 2020, 1-8.	1.9	0
47	Antiphospholipid antibodies and extracellular vesicles in pregnancy. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13312.	1.2	10
48	Role of Autoantibodies in Infertility, Miscarriage, and Assisted Reproductive Technology Outcomes. <i>Reproductive and Developmental Medicine</i> , 2021, 5, 161-173.	0.5	2
49	Immunologic causes and thrombophilia in recurrent pregnancy loss. <i>Fertility and Sterility</i> , 2021, 115, 561-566.	1.0	29
50	Imbalance of circulating CTLA4+ follicular helper and follicular regulatory T cells in obstetric antiphospholipid syndrome. <i>Clinical and Experimental Medicine</i> , 2022, 22, 27-36.	3.6	0
51	Hydroxychloroquine in obstetric antiphospholipid syndrome: rationale and results of an observational study of refractory cases. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 6157-6164.	1.5	5
52	Antiphospholipid antibodies and pregnancy outcome of assisted reproductive treatment: A systematic review and metaâ€“analysis. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13470.	1.2	6
54	Evaluation of placental oxygenation index using blood oxygen level-dependent magnetic resonance imaging (BOLD-MRI) during normal late pregnancy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 5274-5281.	1.5	2
56	Analysis of methodological approaches for simulation of gestational antiphospholipid syndrome. <i>PatologÃa</i> , 2015, .	0.1	0
57	Vascular dysfunction in women with recurrent pregnancy loss. <i>Reproductive Immunology and Biology</i> , 2016, 31, 1-8.	0.2	0
58	Antiphospholipid syndrome and pregnancy. <i>Japanese Journal of Thrombosis and Hemostasis</i> , 2016, 27, 659-664.	0.1	1
59	Diagnosis and Management of Pregnancy Loss. , 2016, , 1-10.		0

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60	Diagnosis and Management of Pregnancy Loss. , 2017, , 1-10.		0
61	Diagnosis and Management of Pregnancy Loss. , 2017, , 305-313.		0
62	The management of thromboembolic disease in pregnancy and puerperium. <i>Obstetrica Si Ginecologie</i> , 2019, 1, 38.	0.1	0
63	A case of mesenteric vein thrombosis developed in the first trimester of pregnancy after in vitro fertilization and embryo transfer in a patient with antiphospholipid syndrome. <i>Obstetrics, Gynecology and Reproduction</i> , 2019, 12, 72-78.	0.5	0
64	Effects of anti-β2-glycoprotein 1 antibodies and its association with pregnancy-related morbidity in antiphospholipid syndrome. <i>American Journal of Reproductive Immunology</i> , 2022, 87, e13509.	1.2	9
65	Time to reduce the rate of idiopathic recurrent pregnancy losses. <i>Reproductive Endocrinology</i> , 2020, .	0.3	0
66	Intersection of regulatory pathways controlling hemostasis and hemochorial placentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
67	Antiphospholipid Antibodies Increase Endometrial Stromal Cell Decidualization, Senescence, and Inflammation via Toll-like Receptor 4, Reactive Oxygen Species, and p38 MAPK Signaling. <i>Arthritis and Rheumatology</i> , 2022, 74, 1001-1012.	5.6	11
68	Obstetric Antiphospholipid Syndrome. , 0, , .		0
69	Antiphospholipid antibody-induced trophoblast responses are differentially modulated by viral dsRNA and viral ssRNA. <i>American Journal of Reproductive Immunology</i> , 2022, 87, e13516.	1.2	1
70	Treatment of Refractory/High-Risk Pregnancies With Antiphospholipid Syndrome: A Systematic Review of the Literature. <i>Frontiers in Pharmacology</i> , 2022, 13, .	3.5	2
71	Grail of Science, 2022, , 575-583.		
72	Protection by hydroxychloroquine prevents placental injury in obstetric antiphospholipid syndrome. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 4357-4370.	3.6	10
73	A retrospective study on IVF/ICSI outcomes in patients with persisted positive of anticardiolipin antibody: Effects of low-dose aspirin plus low molecular weight heparin adjuvant treatment. <i>Journal of Reproductive Immunology</i> , 2022, 153, 103674.	1.9	4
74	Immunological parameters of recurrent miscarriages among women in Thi-Qar province. <i>Journal of Medicine and Life</i> , 2022, 15, 635-639.	1.3	1
75	Inactivation of Yes-Associated Protein Mediates Trophoblast Dysfunction: A New Mechanism of Pregnancy Loss Associated with Anti-Phospholipid Antibodies?. <i>Biomedicines</i> , 2022, 10, 3296.	3.2	2
76	Roles of human trophoblasts' pattern recognition receptors in host defense and pregnancy complications. <i>Journal of Reproductive Immunology</i> , 2023, 156, 103811.	1.9	6
77	Antiphospholipid antibody-mediated NK cell cytotoxicity. <i>Journal of Reproductive Immunology</i> , 2023, 155, 103791.	1.9	3

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78	Hemostasis in the Pregnant Woman, the Placenta, the Fetus, and the Newborn Infant. <i>Seminars in Thrombosis and Hemostasis</i> , 2023, 49, 319-329.	2.7	3
79	Clinical phenotype, treatment strategy and pregnancy outcome of non-criteria obstetric antiphospholipid syndrome. <i>American Journal of Reproductive Immunology</i> , 0, , .	1.2	1
80	Applying Scientific Rationale to the Current Perceptions and Explanations of Massage and Miscarriage in the First Trimester. <i>International Journal of Therapeutic Massage &amp; Bodywork</i> , 2023, 16, 30-43.	0.2	1
81	Role of Î²2â€glycoprotein I in the pathogenesis of the antiphospholipid syndrome. <i>Rheumatology &amp; Autoimmunity</i> , 0, , .	0.8	0
82	Correlation of placental lesions in patients with systemic lupus erythematosus, antiphospholipid syndrome and non-criteria obstetric antiphospholipid syndrome and adverse perinatal outcomes. <i>Placenta</i> , 2023, 139, 92-98.	1.5	0
83	The pathogenesis of obstetric APS: a 2023 update. <i>Clinical Immunology</i> , 2023, 255, 109745.	3.2	0
84	Preconception Non-criteria Antiphospholipid Antibodies and Risk of Subsequent Early Pregnancy Loss: a Retrospective Study. <i>Reproductive Sciences</i> , 2024, 31, 746-753.	2.5	0
85	Diagnosis and Management of Pregnancy Loss. , 2023, , 387-396.		0
86	Preconception anti-â€annexin A5 antibodies are associated with subsequent live birth in women with recurrent miscarriage: A retrospective study from China. <i>American Journal of Reproductive Immunology</i> , 2024, 91, .	1.2	0