A brief review of recent data on some cytokine expression which might challenge the classical Th1/Th2 dichotomy

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Citation Report

#	Article	IF	CITATIONS
1	Upregulation of Decidual P-Selectin Expression Is Associated with an Increased Number of Th1 Cell Populations in Patients Suffering from Spontaneous Abortions. Cellular Immunology, 2001, 213, 94-103.	3.0	53
2	Differential Regulation and Function of the Fas/Fas Ligand System in Human Trophoblast Cells1. Biology of Reproduction, 2002, 66, 1853-1861.	2.7	141
3	Effect of Ovaric Hyper-stimulation on Blood Lymphocyte Subpopulations, Cytokines, Leptin and Nitrite Among Patients with Unexplained Infertility. American Journal of Reproductive Immunology, 2002, 48, 394-403.	1.2	20
4	Questioning the Th1/Th2 Paradigm in Reproduction: Peripheral Levels of IL-12 are Down-Regulated in Miscarriage Patients. American Journal of Reproductive Immunology, 2002, 48, 245-251.	1.2	65
5	Effects of human placental lactogen on the expression of CD163 and CD14 on human monocytes in culture. Clinical and Experimental Immunology, 2002, 128, 275-278.	2.6	3
6	Heme Oxygenase is Downregulated in Stress-Triggered and Interleukin-12-Mediated Murine Abortion. Scandinavian Journal of Immunology, 2002, 55, 560-569.	2.7	51
7	Total white blood cell counts and LPS-induced TNFα production by monocytes of pregnant, pseudopregnant and cyclic rats. Journal of Reproductive Immunology, 2003, 59, 39-52.	1.9	21
8	Update on pathways regulating the activation of uterine Natural Killer cells, their interactions with decidual spiral arteries and homing of their precursors to the uterus. Journal of Reproductive Immunology, 2003, 59, 175-191.	1.9	176
9	Implantation: can immunological parameters of implantation failure be of interest for pre-eclampsia?. Journal of Reproductive Immunology, 2003, 59, 205-217.	1.9	37
10	HLA-G, pre-eclampsia, immunity and vascular events. Journal of Reproductive Immunology, 2003, 59, 219-234.	1.9	96
11	A subclass of soluble HLA-G1 modulates the release of cytokines from mononuclear cells present in the decidua additively to membrane-bound HLA-G1. Journal of Reproductive Immunology, 2003, 60, 85-96.	1.9	16
12	Cytokines, implantation and early abortion: reâ€examining the Th1/Th2 paradigm leads to question the single pathway, single therapy concept. American Journal of Reproductive Immunology, 2003, 50, 177-186.	1.2	92
13	Cytokine gene expression in dams and foetuses after experimental Neospora caninum infection of heifers at 110 days of gestation. Parasite Immunology, 2003, 25, 383-392.	1.5	46
14	î³∫îTâ€cell Subsets, NKG2A Expression and Apoptosis of Vδ2+ T cells in Pregnant Women with or without Risk of Premature Pregnancy Termination. American Journal of Reproductive Immunology, 2003, 50, 490-496.	1.2	15
15	Maternal fish oil supplementation in pregnancy reduces interleukin-13 levels in cord blood of infants at high risk of atopy. Clinical and Experimental Allergy, 2003, 33, 442-448.	2.9	174
16	Innately moving away from the Th $1/\text{Th}2$ paradigm in pregnancy. Clinical and Experimental Immunology, 2003, 131, 393-395.	2.6	54
17	Myeloid and lymphoid dendritic cells in normal pregnancy and pre-eclampsia. Clinical and Experimental Immunology, 2003, 132, 339-344.	2.6	40
18	Analysis of Cytokine Regulators Inducing Interferon Production by Mouse Uterine Natural Killer Cells1. Biology of Reproduction, 2003, 69, 404-411.	2.7	57

#	Article	IF	CITATIONS
19	Cytokine microenvironments in human first trimester decidua are dependent on trophoblast cells. Fertility and Sterility, 2003, 79, 1176-1186.	1.0	42
20	Frequencies of dendritic cells (myeloid DC and plasmacytoid DC) and their ratio reduced in pregnant women: comparison with umbilical cord blood and normal healthy adults. Human Immunology, 2003, 64, 1144-1151.	2.4	66
21	The progesterone derivative dydrogesterone abrogates murine stress-triggered abortion by inducing a Th2 biased local immune response. Steroids, 2003, 68, 931-940.	1.8	106
22	A review of immune cells and molecules in women with recurrent miscarriage. Human Reproduction Update, 2003, 9, 163-174.	10.8	253
23	Murine abortion is associated with enhanced interleukin-6 levels at the feto-maternal interface. Cytokine, 2003, 24, 150-160.	3.2	73
24	Placental Trophoblast from Successful Human Pregnancies Expresses the Tolerance Signaling Molecule, CD200 (OX-2)*. American Journal of Reproductive Immunology, 2003, 50, 187-195.	1.2	49
25	Plasma levels of the immunomodulatory cytokine interleukin-10 during normal human pregnancy: a longitudinal study. Cytokine, 2003, 21, 265-269.	3.2	55
26	Molecular genetic studies of HLA-DRB1 alleles in patients with unexplained recurrent abortion in the Japanese population. Human Reproduction, 2003, 18, 728-733.	0.9	27
27	Uterine natural killer cells: insights into their cellular and molecular biology from mouse modelling. Reproduction, 2003, 126, 149-160.	2.6	186
28	Prospective, serial investigations of in-vitro lymphocyte cytokine production, CD62L expression and proliferative response to microbial antigens in women with recurrent miscarriage. Human Reproduction, 2003, 18, 2465-2472.	0.9	27
29	Placental Trophoblast and Endothelial Cells as Target of Maternal Immune Response. Autoimmunity, 2003, 36, 11-18.	2.6	23
30	CXCL12 expression by invasive trophoblasts induces the specific migration of CD16– human natural killer cells. Blood, 2003, 102, 1569-1577.	1.4	326
31	Intraovarian Cavity Leucocytes of Viviparous Fish, Neoditrema ransonneti (Perciformes,) Tj ETQq0 0 0 rgBT /Over	lock 10 Tf 0.7	50 262 Td (E
32	Enhanced Fertility After Diagnostic Hysterosalpingography Using Oil-Based Contrast Agents May Be Attributable to Immunomodulation. American Journal of Roentgenology, 2004, 183, 1725-1727.	2.2	21
33	Membrane-bound HLA-G activates proliferation and interferon-Â production by uterine natural killer cells. Molecular Human Reproduction, 2004, 10, 189-195.	2.8	100
34	Kinetics of Infection and Effects on the Placenta of Clamydophila abortus in Experimentally Infected Pregnant Ewes. Veterinary Pathology, 2004, 41, 498-505.	1.7	37
35	Inhibition of Cytotrophoblastic (JEG-3) Cell Invasion by Interleukin 12 Involves an Interferon Î ³ -mediated Pathway. Journal of Biological Chemistry, 2004, 279, 55297-55307.	3.4	59
36	Maternal and Neonatal Lymphocyte Subpopulations at Delivery and 3â€f Days Postpartum: Increased Coexpression of CD45 Isoforms. American Journal of Reproductive Immunology, 2004, 52, 1-7.	1.2	9

#	Article	IF	CITATIONS
37	Cytokine Gene Polymorphisms in Recurrent Pregnancy Loss of Unknown Cause. American Journal of Reproductive Immunology, 2004, 52, 36-41.	1.2	80
38	Human Miscarriage is Associated with Increased Number of CD26+ Decidual Lymphocytes. Scandinavian Journal of Immunology, 2004, 59, 400-407.	2.7	10
39	Comparison of decidual leukocytes following spontaneous vaginal delivery and elective cesarean section in uncomplicated human term pregnancy. Journal of Reproductive Immunology, 2004, 62, 125-137.	1.9	88
40	Expression of SLAM as a functional and phenotypic marker in women with recurrent miscarriage. Journal of Reproductive Immunology, 2004, 62, 139-149.	1.9	4
41	Alterations in T-cell signal transduction molecules associated with recurrent spontaneous pregnancy loss. Journal of Reproductive Immunology, 2004, 63, 137-154.	1.9	12
42	Does nitric oxide play a role in maternal tolerance towards the foetus?. Journal of Physiology and Biochemistry, 2004, 60, 227-238.	3.0	8
43	Analysis of Macrophage Presence in Murine Placenta: Influence of Age and Parity Status. American Journal of Reproductive Immunology, 2004, 51, 49-55.	1.2	11
44	Nerve Growth Factor and its Functional Receptor TrkA are Up-regulated in Murine Decidual Tissue of Stress-triggered and Substance P-mediated Abortion. American Journal of Reproductive Immunology, 2004, 51, 86-93.	1.2	21
45	Abnormal First Trimester Serum Interleukin 18 Levels are Associated with a Poor Outcome in Women with a History of Recurrent Miscarriage. American Journal of Reproductive Immunology, 2004, 51, 156-159.	1.2	25
46	To Die or Not to Die: the Function of the Transcription Factor NFâ€xi>κP in Embryos Exposed to Stress. American Journal of Reproductive Immunology, 2004, 51, 138-143.	1.2	30
47	Comparison of decidual leukocytes following spontaneous vaginal delivery and elective cesarean section in uncomplicated human term pregnancy*1. Journal of Reproductive Immunology, 2004, 62, 125-125.	1.9	7
48	Expression of SLAM as a functional and phenotypic marker in women with recurrent miscarriage. Journal of Reproductive Immunology, 2004, , .	1.9	0
49	Cytokines in recurrent miscarriage. Lupus, 2004, 13, 630-634.	1.6	27
50	Feto-maternal immune interaction at the placental level. Lupus, 2004, 13, 625-629.	1.6	23
51	Identification of RANTES as a novel immunomodulator of the maternal allogeneic response. Clinical lmmunology, 2004, $110,71-80$.	3.2	26
52	Abnormal cytokine levels in non-pregnant women with a history of recurrent miscarriage. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2004, 115, 51-54.	1.1	47
53	Expression of IL-18 in endometriosis. International Congress Series, 2004, 1271, 244-247.	0.2	3
54	Temporal variation of autonomic balance and diseases during circadian, seasonal, reproductive, and lifespan cycles. Medical Hypotheses, 2004, 63, 155-162.	1.5	25

#	ARTICLE	IF	CITATIONS
55	A new role for natural killer cells, interleukin (IL)-12, and IL-18 in repeated implantation failure after in vitro fertilization. Fertility and Sterility, 2004, 81, 59-65.	1.0	139
56	Decreased levels of interleukin-18 in peritoneal fluid but not in serum of patients with endometriosis. Fertility and Sterility, 2004, 81, 1229-1234.	1.0	25
57	Controlled natural in vitro fertilization may be an alternative for patients with repeated unexplained implantation failure and a high uterine natural killer cell count. Fertility and Sterility, 2004, 82, 234-236.	1.0	22
58	Intravenous Immunoglobulin and Recurrent Pregnancy Loss. Clinical Reviews in Allergy and Immunology, 2005, 29, 327-332.	6.5	31
59	Perforin and Fas/FasL Cytolytic Pathways at the Maternal-Fetal Interface. American Journal of Reproductive Immunology, 2005, 54, 241-248.	1.2	32
60	A Case-Control Study in IL6 and TGFB1 Gene Polymorphisms and Recurrent Spontaneous Abortion in Southern Brazilian Patients. American Journal of Reproductive Immunology, 2005, 53, 94-99.	1.2	32
61	The Feline Immunodeficiency Virus-Infected Cat: A Model for Lentivirus-induced Placental Immunopathology and Reproductive Failure (Mini-Review). American Journal of Reproductive Immunology, 2005, 54, 169-185.	1.2	11
62	Lack of Soluble TNF-receptors in Women with Recurrent Spontaneous Abortion and Possibility for its Correction. American Journal of Reproductive Immunology, 2005, 54, 284-291.	1.2	19
63	Comparative Immunohistochemical Study of M-CSF and G-CSF in Feto-Maternal Interface in a Multiparity Mouse Model. American Journal of Reproductive Immunology, 2005, 54, 311-320.	1.2	30
64	Placental imbalance of Th1- and Th2-type cytokines in preeclampsia. Acta Obstetricia Et Gynecologica Scandinavica, 2005, 84, 788-793.	2.8	48
65	Lymphokine-activated killer cells induced from decidual lymphocytes reduce the angiogenic activity of trophoblasts by enhancing the release of soluble fms-like tyrosine kinase-1 from trophoblasts: An implication for the pathophysiology of preeclampsia. Journal of Reproductive Immunology, 2005, 68, 27-37.	1.9	9
66	Metallothionein and RCAS1 expression in comparison to immunological cells activity in endometriosis, endometrial adenocarcinoma and endometrium according to menstrual cycle changes. Gynecologic Oncology, 2005, 99, 622-630.	1.4	33
67	Role of the leukemia-inhibitory factor gene mutations in infertile women: The embryo-endometrial cytokine cross talk during implantation â€" a delicate homeostatic equilibrium. Folia Microbiologica, 2005, 50, 179-186.	2.3	16
68	New Actors for the Immunological Mechanisms Involved in the Materno- Fetal Tolerance. Current Women's Health Reviews, 2005, 1, 15-20.	0.2	2
69	TNF-&agr-Mediated Stress-Induced Early Pregnancy Loss:A Possible Role of Leukemia Inhibitory Factor. , 2005, 89, 62-71.		9
70	Impact of the Placental Cytokine-Chemokine Balance on Regulation of Cell-Cell Contact-Induced Human Immunodeficiency Virus Type 1 Translocation across a Trophoblastic Barrier In Vitro. Journal of Virology, 2005, 79, 12304-12310.	3.4	18
71	Hope for the Hygiene Hypothesis: When the Dirt Hits the Fan. Journal of Asthma, 2005, 42, 225-247.	1.7	31
72	Modulation of the Induction of Lung and Airway Allergy in the Offspring of IFN- \hat{l}^3 -Treated Mother Mice. Journal of Immunology, 2005, 175, 3554-3559.	0.8	32

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73	Asthma during pregnancy: mechanisms and treatment implications. European Respiratory Journal, 2005, 25, 731-750.	6.7	158
74	In vitro and in vivo effects of progesterone on Trichinella spiralis newborn larvae. Parasitology, 2005, 131, 255-259.	1.5	23
75	Regulation of Leukocyte Recruitment to the Murine Maternal/Fetal Interface., 2005, 89, 105-117.		11
76	Physiological Role of IL-15 and IL-18 at the Maternal-Fetal Interface., 2005, 89, 10-25.		29
77	Innate and adaptive immunity in female genital tract: cellular responses and interactions. Immunological Reviews, 2005, 206, 306-335.	6.0	440
78	Materno–fetal immunotolerance: is Interleukin-1 a fundamental mediator in placental viviparity?. Developmental and Comparative Immunology, 2005, 29, 409-415.	2.3	32
79	Abnormal T-Cell Reactivity against Paternal Antigens in Spontaneous Abortion. American Journal of Pathology, 2005, 166, 811-822.	3.8	490
80	The Possible Role of the JAK/STAT Pathway in Lymphocytes at the Fetomaternal Interface. , 2005, 89, 26-35.		22
81	Nerve Growth Factor in Reproductive Biology: Link between the Immune, Endocrine and Nervous System?., 2005, 89, 135-148.		36
82	Placenta humana. EMC - GinecologÃa-Obstetricia, 2006, 42, 1-23.	0.0	0
83	Current Concepts of Infections of the Fetus and Newborn Infant. , 2006, , 3-25.		10
84	Immune cells and molecules in pregnancy: friends or foes to the fetus?. Expert Review of Clinical Immunology, 2006, 2, 457-470.	3.0	17
85	Murine serum cytokines throughout the estrous cycle, pregnancy and post partum period. Animal Reproduction Science, 2006, 96, 54-65.	1.5	41
86	Alteration of TH1 and TH2 cells by intracellular cytokine detection in patients with unexplained recurrent abortion before and after immunotherapy with the husband's mononuclear cells. Fertility and Sterility, 2006, 85, 1452-1458.	1.0	43
87	Interleukin-18 system messenger RNA and protein expression in human endometrium during the menstrual cycle. Fertility and Sterility, 2006, 86, 905-913.	1.0	17
88	Interleukin-18 gene promoter polymorphisms and recurrent spontaneous abortion. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2006, 128, 5-9.	1.1	20
90	Immune cells contribute to systemic cross-talk between the embryo and mother during early pregnancy in cooperation with the endocrine system. Reproductive Medicine and Biology, 2006, 5, 19-29.	2.4	28
91	Cytokine Production of In Vitro Stimulated Peripheral Lymphocytes During the Course of Pregnancy and Pseudopregnancy in the Rat. American Journal of Reproductive Immunology, 2006, 55, 282-290.	1.2	0

#	Article	IF	CITATIONS
92	Induction of Maternal Tolerance to Fetal Alloantigens by RANTES Production. American Journal of Reproductive Immunology, 2006, 56, 302-311.	1.2	24
93	Stress and Substance P but not the Substance P-metabolite SP5-11 trigger murine abortion by augmenting TNF-alpha levels at the feto-maternal interface. Scandinavian Journal of Immunology, 2006, 63, 42-49.	2.7	11
94	Altered expression of interleukin-18 in the ectopic and eutopic endometrium of women with endometriosis. Journal of Reproductive Immunology, 2006, 72, 108-117.	1.9	29
95	Regulatory T cells induce a privileged tolerant microenvironment at the fetal-maternal interface. European Journal of Immunology, 2006, 36, 82-94.	2.9	185
96	Indomethacin effect on implantation rates in oocyte recipients. Human Reproduction, 2006, 21, 364-369.	0.9	29
97	Pregnancy Impairs the Innate Immune Resistance to <i>Salmonella typhimurium</i> Leading to Rapid Fatal Infection. Journal of Immunology, 2007, 179, 6088-6096.	0.8	48
98	Kinetics of murine decidual dendritic cells. Reproduction, 2007, 133, 275-283.	2.6	35
99	Uterine and serum cytokine arrays in the mouse during estrus. Animal Reproduction Science, 2007, 100, 301-310.	1.5	20
100	Serum IL-16, not IL-15, was elevated in early second trimester of pregnancy in women who subsequently developed preeclampsia. Clinica Chimica Acta, 2007, 383, 175-177.	1.1	5
101	Maternal–fetal transmission of Toxoplasma gondii in interferon-γ deficient pregnant mice. Parasitology International, 2007, 56, 141-148.	1.3	74
102	Neuroimmunology of Pregnancy-Related Sleep Disturbances. , 2007, , 207-225.		0
103	Polymorphisms in the Interleukin-12/18 Genes and Recurrent Spontaneous Abortion. American Journal of Reproductive Immunology, 2007, 58, 403-408.	1.2	20
104	A pivotal role for galectin-1 in fetomaternal tolerance. Nature Medicine, 2007, 13, 1450-1457.	30.7	431
105	Implication of RANTES in the Modulation of Alloimmune Response By Progesterone During Pregnancy. American Journal of Reproductive Immunology, 2007, 57, 147-152.	1.2	17
106	Establishment of the Porcine Epitheliochorial Placenta Is Associated with Endometrial T-Cell Recruitment. American Journal of Reproductive Immunology, 2007, 57, 250-261.	1.2	21
107	Effects of Isomeric Fatty Acids on Reproductive Parameters in Mice. American Journal of Reproductive Immunology, 2007, 58, 487-496.	1.2	23
108	Results of Immunotherapy for Patients with Unexplained Primary Recurrent Abortions – Prospective Non-Randomized Cohort Study. American Journal of Reproductive Immunology, 2007, 58, 530-536.	1.2	25
109	Elevated serum levels of interleukin-15 and interleukin-16 in preeclampsia. Journal of Reproductive Immunology, 2007, 73, 166-171.	1.9	27

#	Article	IF	CITATIONS
110	Regulatory T cells and regulatory natural killer (NK) cells play important roles in feto-maternal tolerance. Seminars in Immunopathology, 2007, 29, 115-122.	6.1	121
111	Metastatic melanoma positively influences pregnancy outcome in a mouse model: could a deadly tumor support embryo life?. Clinical and Experimental Metastasis, 2008, 25, 65-73.	3.3	2
112	Placental secreted factors: Their role in the regulation of anti-CII antibodies and amelioration of collagen induced arthritis in rats. Immunology Letters, 2008, 119, 42-48.	2.5	6
113	ORIGINAL ARTICLE: Studies on the Compatibility of HLAâ€Class II Alleles in Patient Couples with Severe Preâ€Eclampsia Using PCR–RFLP Methods. American Journal of Reproductive Immunology, 2008, 60, 75-84.	1.2	12
114	ORIGINAL ARTICLE: ILâ€6 as a Regulatory Factor of the Humoral Response During Pregnancy. American Journal of Reproductive Immunology, 2008, 60, 197-203.	1.2	18
115	Progesterone for recurrent miscarriage: truth and deceptions. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2008, 22, 375-389.	2.8	25
116	The balance between cytotoxic NK cells and regulatory NK cells in human pregnancy. Journal of Reproductive Immunology, 2008, 77, 14-22.	1.9	132
117	Priming of peripheral monocytes with prolactin (PRL) sensitizes IFN- \hat{l}^3 -mediated indoleamine 2,3-dioxygenase (IDO) expression without affecting IFN- \hat{l}^3 signaling. Journal of Reproductive Immunology, 2008, 77, 117-125.	1.9	8
118	Embryonic implantation: cytokines, adhesion molecules, and immune cells in establishing an implantation environment. Journal of Leukocyte Biology, 2009, 85, 4-19.	3.3	332
119	Cytokine networks in the establishment and maintenance of pregnancy. Human Fertility, 2008, 11, 222-230.	1.7	35
120	Cyclic Regulation of T-Bet and GATA-3 in Human Endometrium. Reproductive Sciences, 2008, 15, 83-90.	2.5	11
121	Regulated upon Activation Normal T-Cell Expressed and Secreted (RANTES) Contributes to Abortion Caused by Brucella abortus Infection in Pregnant Mice. Journal of Veterinary Medical Science, 2008, 70, 681-686.	0.9	20
122	Generation of a Novel Regulatory NK Cell Subset from Peripheral Blood CD34+ Progenitors Promoted by Membrane-Bound IL-15. PLoS ONE, 2008, 3, e2241.	2.5	42
123	Do circulating blood cells contribute to maternal tissue remodeling and embryo-maternal cross-talk around the implantation period?. Molecular Human Reproduction, 2009, 15, 335-343.	2.8	58
124	Immune adjuvants in early life: targeting the innate immune system to overcome impaired adaptive response. Immunotherapy, 2009, $1,883-895$.	2.0	25
125	SHORT COMMUNICATION: Interleukinâ€17 Increased Progesterone Secretion by JEGâ€3 Human Choriocarcinoma Cells. American Journal of Reproductive Immunology, 2009, 61, 261-264.	1.2	33
126	SHORT COMMUNICATION: Circulating and Decidual Th17 Cell Levels in Healthy Pregnancy. American Journal of Reproductive Immunology, 2010, 63, 104-109.	1.2	121
127	Recurrent pregnancy loss: A disease of inflammation and coagulation. Journal of Obstetrics and Gynaecology Research, 2009, 35, 609-622.	1.3	121

#	ARTICLE	IF	CITATIONS
128	VIP modulates the proâ€inflammatory maternal response, inducing tolerance to trophoblast cells. British Journal of Pharmacology, 2009, 156, 116-126.	5.4	36
129	Interleukin-12 but not interleukin-18 is associated with severe endometriosis. Fertility and Sterility, 2009, 91, 320-324.	1.0	55
130	Specific anti-Neospora caninum IgG1 and IgG2 antibody responses during gestation in naturally infected cattle and their relationship with gamma interferon production. Veterinary Immunology and Immunopathology, 2009, 130, 35-42.	1.2	23
131	Association between genetic polymorphisms in cytokine genes and recurrent miscarriage – a meta-analysis. Reproductive BioMedicine Online, 2009, 19, 406-414.	2.4	24
132	Fetal death in cows experimentally infected with Neospora caninum at 110 days of gestation. Veterinary Parasitology, 2010, 169, 304-311.	1.8	35
133	Does brucellosis in human pregnancy increase abortion risk? Presentation of two cases and review of literature. Journal of Obstetrics and Gynaecology Research, 2010, 36, 418-423.	1.3	21
134	Modulation of <i>in vivo</i> and <i>in vitro</i> cytokine production over the course of pregnancy in allergic and nonâ€ellergic mothers. Pediatric Allergy and Immunology, 2010, 21, 14-21.	2.6	18
135	La placentation humaine. , 2010, , 3-13.		0
136	Nuclear Translocation of Nuclear Factor Kappa B in First Trimester Deciduas and Chorionic Villi in Early Spontaneous Miscarriage Women. International Journal of Molecular Sciences, 2010, 11, 521-531.	4.1	4
137	Pro-inflammatory Cytokines in Animal and Human Gestation. Current Pharmaceutical Design, 2010, 16, 3601-3615.	1.9	41
138	Placental immunopathology in the FIV-infected cat: a role for inflammation in compromised pregnancy?. Veterinary Immunology and Immunopathology, 2010, 134, 39-47.	1.2	6
139	The interaction between PRRSV and the late gestation pig fetus. Virus Research, 2010, 154, 114-122.	2.2	64
140	Alternate roles for immune regulators: establishing endometrial receptivity for implantation. Expert Review of Clinical Immunology, 2011, 7, 789-802.	3.0	28
141	Current Concepts of Infections of the Fetus and Newborn Infant. , 2011, , 2-23.		26
142	Cytokine gene expression at the maternoâ€foetal interface after experimental <i>Neospora caninum</i> infection of heifers at 110â€fdays of gestation. Parasite Immunology, 2011, 33, 517-523.	1.5	22
143	Modulation of Maternal LIF Producers T Cells by Trophoblast and Paternal Antigens. American Journal of Reproductive Immunology, 2011, 65, 133-145.	1.2	10
144	Cytokine Dysregulation in Early- and Late-Term Placentas from Feline Immunodeficiency Virus (FIV)-Infected Cats. American Journal of Reproductive Immunology, 2011, 65, 480-491.	1.2	10
145	Regulation of non-classical major histocompatability complex class I mRNA expression in bovine embryos. Journal of Reproductive Immunology, 2011, 91, 31-40.	1.9	19

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146	A review of the evolution of viviparity in squamate reptiles: the past, present and future role of molecular biology and genomics. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 575-594.	1.5	53
147	Single-molecule-counting protein microarray assay with nanoliter samples and its application in the dynamic protein expression of living cells. Biosensors and Bioelectronics, 2011, 26, 3688-3691.	10.1	8
148	Ultra-sensitive DNA assay based on single-molecule detection coupled with fluorescent quantum dot-labeling and its application to determination of messenger RNA. Analytica Chimica Acta, 2011, 685, 52-57.	5.4	20
149	Understanding implantation window, a crucial phenomenon. Journal of Human Reproductive Sciences, 2012, 5, 2.	0.9	40
150	Pregnancy joins the hit list*. Critical Care Medicine, 2012, 40, 1679-1680.	0.9	12
151	Immunity and early pregnancy events: are endocannabinoids the missing link?. Journal of Reproductive Immunology, 2012, 96, 8-18.	1.9	13
152	The involvement of inflammatory cytokines in the pathogenesis of recurrent miscarriage. Cytokine, 2012, 58, 50-56.	3.2	48
153	Reproductive Performance and Early Postnatal Development in Interleukin (<scp>IL</scp>)â€13â€Deficient Mice. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2012, 95, 346-353.	1.4	2
154	Functions of interferon tau as an immunological regulator for establishment of pregnancy. Reproductive Medicine and Biology, 2012, 11, 109-116.	2.4	14
155	Ectoplacental Cone Induces Resistance to Apoptosis in High Doses of Interferon (IFN)â€Î³â€Treated Decidual Cells. American Journal of Reproductive Immunology, 2012, 67, 73-83.	1.2	5
156	Cytokine gene expression profiles in peripheral blood mononuclear cells from Neospora caninum naturally infected dams throughout gestation. Veterinary Parasitology, 2012, 183, 237-243.	1.8	18
158	Inflammation, NK cells and implantation: friend and foe (the good, the bad and the ugly?): replacing placental viviparity in an evolutionary perspective. Journal of Reproductive Immunology, 2013, 97, 2-13.	1.9	36
159	Endometrial CD16+and CD16â^'NK Cell Count in Fertility and Unexplained Infertility. American Journal of Reproductive Immunology, 2013, 70, 182-189.	1.2	28
160	Obstetric Infections. Critical Care Clinics, 2013, 29, 509-520.	2.6	53
161	Azithromycin Prevents Pregnancy Loss: Reducing the Level of Tumor Necrosis Factor-Alpha and Raising the Level of Interleukin-10 in Rats. Mediators of Inflammation, 2013, 2013, 1-5.	3.0	7
162	Disturbed Sleep and Inflammatory Cytokines in Depressed and Nondepressed Pregnant Women. Psychosomatic Medicine, 2013, 75, 670-681.	2.0	75
163	Pathogenesis of listeriosis during pregnancy. Animal Health Research Reviews, 2013, 14, 30-39.	3.1	35
164	Plasma TNF-α Levels are Higher in Early Pregnancy in Patients with Secondary Compared with Primary Recurrent Miscarriage. American Journal of Reproductive Immunology, 2013, 70, n/a-n/a.	1.2	25

#	Article	IF	CITATIONS
165	Characterization of the Th Profile of the Bovine Endometrium during the Oestrous Cycle and Early Pregnancy. PLoS ONE, 2013, 8, e75571.	2.5	54
166	Expression of Endometrial Immune-related Genes Possibly Functioning During Early Pregnancy in the Mare. Journal of Reproduction and Development, 2013, 59, 85-91.	1.4	8
167	MATERNO-FETAL IMMUNOTOLERANCE: AN EVOLUTIONARY VIEW. Journal of the Siena Academy of Sciences, 2013, 5, 11.	0.0	2
168	Expression and Functional Characterization of NOD2 in Decidual Stromal Cells Isolated during the First Trimester of Pregnancy. PLoS ONE, 2014, 9, e99612.	2.5	14
169	IL-6 gene promoter polymorphisms: genetic susceptibility to recurrent pregnancy loss. Bratislava Medical Journal, 2014, 115, 479-482.	0.8	11
170	To drive or be driven: the path of a mouse model of recurrent pregnancy loss. Reproduction, 2014, 147, R153-R167.	2.6	51
171	Maternal Circulating Dendritic Cell Subtypes at Delivery and During the 1‥ear Postpartum Period. American Journal of Reproductive Immunology, 2014, 71, 210-216.	1.2	5
172	Evaluation of cytokines in follicular fluid and their effect on fertilization and pregnancy outcome. Immunological Investigations, 2014, 43, 572-584.	2.0	22
173	Effects of seminal plasma and the presence of a conceptus on regulation of lymphocyteâ€eytokine network in porcine endometrium. Molecular Reproduction and Development, 2014, 81, 270-281.	2.0	14
174	Immunology of the Female Genital Tract. , 2014, , .		6
175	Mechanisms Involved in the Association between Periodontitis and Complications in Pregnancy. Frontiers in Public Health, 2014, 2, 290.	2.7	60
177	Cell mediated immune responses in the placenta following challenge of vaccinated pregnant heifers with Neospora caninum. Veterinary Parasitology, 2015, 214, 247-254.	1.8	19
178	Unexplained infertility patients have increased serum IL-2, IL-4, IL-6, IL-8, IL-21, $TNF\hat{l}_{\pm}$, $IFN\hat{l}_{\pm}$ and increased $Tfh/CD4$ T cell ratio: increased Tfh and $IL-21$ strongly correlate with presence of autoantibodies. Immunological Investigations, 2015, 44, 164-173.	2.0	25
179	Decidual cytokines and pregnancy complications: focus on spontaneous miscarriage. Journal of Reproductive Immunology, 2015, 108, 83-89.	1.9	53
180	Altered Expression Levels of Neurodevelopmental Proteins in Fetal Brains of BTBR T+ <i>tf</i> /J Mice with Autism-Like Behavioral Characteristics. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 516-523.	2.3	16
181	Peripheral blood NK cells expressing HLA-G, IL-10 and TGF- \hat{l}^2 in healthy donors and breast cancer patients. Cellular Immunology, 2015, 298, 37-46.	3.0	33
182	A functional polymorphism in the promoter region of interleukin-10 gene increases the risk for spontaneous abortions—a triad study. Journal of Assisted Reproduction and Genetics, 2015, 32, 1129-1134.	2.5	4
183	Reproductive performance: at the cross-road of genetics, technologies and environment. Reproduction, Fertility and Development, 2015, 27, 1.	0.4	3

#	Article	IF	CITATIONS
184	The relationship of seminal transforming growth factor- \hat{l}^21 and interleukin-18 with reproductive success in women exposed to seminal plasma during IVF/ICSI treatment. Journal of Reproductive Immunology, 2016, 117, 45-51.	1.9	15
185	Association of interleukinâ€10 gene promoter polymorphisms with recurrent miscarriage: a metaâ€analysis. American Journal of Reproductive Immunology, 2016, 76, 172-180.	1.2	4
186	Maternal immunization: Optimizing protection for the mother and infant. Journal of Infection, 2016, 72, S83-S90.	3.3	36
187	Study on prevention effect of Zishen Yutai pill combined with progesterone for threatened abortion in rats. Asian Pacific Journal of Tropical Medicine, 2016, 9, 577-581.	0.8	14
188	Toll-like receptors 3, 7 and 8 are upregulated in the placental caruncle and fetal spleen of Neospora caninum experimentally infected cattle. Veterinary Parasitology, 2017, 236, 58-61.	1.8	15
189	Immunization with inactivated antigens of Neospora caninum induces toll-like receptors 3, 7, 8 and 9 in maternal-fetal interface of infected pregnant heifers. Veterinary Parasitology, 2017, 243, 12-17.	1.8	10
190	Pregnancy and spontaneous fetal loss: A pig perspective. Molecular Reproduction and Development, 2017, 84, 856-869.	2.0	58
191	Endocrine and Paracrine Function of the Human Placenta. , 2017, , 134-144.e4.		2
192	Who's the Target: Mother or Baby?. Viral Immunology, 2018, 31, 184-194.	1.3	12
193	The expression of major histocompatibility complex class I in endometrial epithelial cells from dairy cow under a simulating hypoxic environment. Research in Veterinary Science, 2018, 118, 61-65.	1.9	1
194	Some Aspects of Endocrinology of the Placenta. , 2018, , 195-215.		0
195	Role of IL- 1^2 , IL-6 and TNF- 1^\pm cytokines and TNF- 1^\pm promoter variability in Plasmodium vivax infection during pregnancy in endemic population of Jharkhand, India. Molecular Immunology, 2018, 97, 82-93.	2.2	16
196	Genetic Variants in Preeclampsia: Lessons From Studies in Latin-American Populations. Frontiers in Physiology, 2018, 9, 1771.	2.8	31
197	Alveolar macrophage functions during the transition phase to active immunity in calves1. Journal of Animal Science, 2018, 96, 3738-3747.	0.5	1
198	IL-17 blood levels increase in healthy pregnancy but not in spontaneous abortion. Molecular Biology Reports, 2018, 45, 1565-1568.	2.3	28
199	Vertical Transmission of Listeria monocytogenes: Probing the Balance between Protection from Pathogens and Fetal Tolerance. Pathogens, 2018, 7, 52.	2.8	27
200	Development, Function, and Pathology of the Placenta., 2018,, 40-60.e8.		1
201	Genetics of recurrent pregnancy loss among Iranian population. Molecular Genetics & Enomic Medicine, 2019, 7, e891.	1.2	14

#	Article	IF	Citations
202	Extracellular vesicles in host-pathogen interactions and immune regulation $\hat{a}\in$ " exosomes as emerging actors in the immunological theater of pregnancy. Heliyon, 2019, 5, e02355.	3.2	46
203	Sleep disturbances and modulations in inflammation: Implications for pregnancy health. Social and Personality Psychology Compass, 2019, 13, e12451.	3.7	15
204	Effect of Shoutai Pills on Th1/Th2 Cytokines in Serum and Endometrium of Rats with Stimulated Ovulation. Current Medical Science, 2019, 39, 285-290.	1.8	12
205	MiRNA profiling of plasma-derived exosomes from dairy cows during gestation. Theriogenology, 2019, 130, 89-98.	2.1	17
206	Nonsteroidal anti-inflammatory drugs for assisted reproductive technology. The Cochrane Library, 2019, 10, CD007618.	2.8	4
207	Association of IL-10, IL-18, and IL-33 genetic polymorphisms with recurrent pregnancy loss risk in Iranian women. Gynecological Endocrinology, 2019, 35, 342-345.	1.7	21
208	Tumour necrosis factor alpha gene polymorphisms in women with recurrent pregnancy loss: a meta-analysis. Human Fertility, 2020, 23, 159-169.	1.7	8
209	Evaluation of T cell cytokines and their role in recurrent miscarriage. International Immunopharmacology, 2020, 82, 106347.	3.8	25
210	<i>Porphyromonas gingivalis</i> and adverse pregnancy outcomes: a review on its intricate pathogenic mechanisms. Critical Reviews in Microbiology, 2020, 46, 213-236.	6.1	37
211	Expression of IL-33 Receptor Is Significantly Up-Regulated in B Cells During Pregnancy and in the Acute Phase of Preterm Birth in Mice. Frontiers in Immunology, 2020, 11, 446.	4.8	10
212	Cytokine imbalance at materno-embryonic interface as a potential immune mechanism for recurrent pregnancy loss. International Immunopharmacology, 2021, 90, 107118.	3.8	28
213	Role of the Macrophage Migration Inhibitory Factor in the Pathophysiology of Pre-Eclampsia. International Journal of Molecular Sciences, 2021, 22, 1823.	4.1	7
214	Effect of piroxicam administration in infertile women undergoing assisted reproductive technologies: A systematic review and meta-analysis. Gynecological Endocrinology, 2021, 37, 785-791.	1.7	0
215	Global transcriptomic changes occur in uterine fluid-derived extracellular vesicles during the endometrial window for embryo implantation. Human Reproduction, 2021, 36, 2249-2274.	0.9	37
216	NK Cells and Pregnancy., 2006,, 84-95.		3
217	Immunology in Reproductive Medicine. , 2014, , 163-249.		1
218	Endocrine and Paracrine Function of the Human Placenta., 2011,, 146-155.		8
219	Expression of Metallothioneins in Placental and Fetal Tissues in Undisturbed and PGM-Zn Treated Syngeneic Pregnancy. American Journal of BioScience, 2015, 3, 1.	0.3	2

#	Article	IF	CITATIONS
220	Effect of Anti-TNF- \hat{l}_{\pm} on the Development of Offspring and Pregnancy Loss During Pregnancy in Rats. Acta Scientiae Veterinariae, 2018, 44, 6.	0.2	1
221	The expression and clinical significance of three lncRNAs in patients with a missed abortion. Experimental and Therapeutic Medicine, 2020, 21, 1-1.	1.8	9
222	Endocrine and Paracrine Function of the Human Placenta. , 2004, , 122-131.		0
223	Differential influence of maternal and fetal pregnancy factors on the in-vitro induction of human regulatory T cells: a preliminary study. Swiss Medical Weekly, 2015, 145, w14172.	1.6	2
224	Association of IL-33 gene rs16924159 polymorphism and recurrent pregnancy loss in Iranian Azeri women. Hormone Molecular Biology and Clinical Investigation, 2020, 41, .	0.7	2
226	Interleukin-6 and interleukin-10 gene polymorphisms and recurrent pregnancy loss in Romanian population. Iranian Journal of Reproductive Medicine, 2014, 12, 617-22.	0.8	15
227	Different expression of NOD2 in decidual stromal cells between normal and unexplained recurrent spontaneous abortion women during first trimester gestation. International Journal of Clinical and Experimental Pathology, 2014, 7, 8784-90.	0.5	1
228	Relationship between cytokine gene polymorphisms and recurrent spontaneous abortion. International Journal of Clinical and Experimental Medicine, 2015, 8, 9786-92.	1.3	13
229	Comprehensive bioinformation analysis of differentially expressed genes in recurrent pregnancy loss. Human Fertility, 2022, , 1-8.	1.7	0
233	Defects in protective cytokine profiles in spontaneous miscarriage in the first trimester. F&S Science, 2023, 4, 36-46.	0.9	3
234	Quantitative analyses of cytokine profiles reveal hormone-mediated modulation of cytokine profiles in recurrent spontaneous miscarriage. Cytokine, 2023, 164, 156160.	3.2	2
235	FETAL GROWTH RETARDATION - CONTEMPORARY VISION OF THE PROBLEM (reference review). Problemy Zdorovʹâ I Ã″kologii, 2009, , 83-89.	0.1	1
236	Assessment of the risk of unexplained recurrent spontaneous abortion based on the proportion and correlation of NK cells and T cells in peripheral blood. Technology and Health Care, 2023, , 1-13.	1.2	1
237	Pathophysiological Mechanisms of Periodontitis in Pregnant Women with Metabolic Syndrome Leading to Adverse Pregnancy Outcomes. World Journal of Dentistry, 2023, 14, 192-199.	0.3	0
238	The Distribution of Foxp3 and CD68 in Preeclamptic and Healthy Placentas: A Histomorphological Evaluation. Journal of Histochemistry and Cytochemistry, 2023, 71, 211-225.	2.5	3
239	Development, Function, and Pathology of the Placenta. , 2024, , 19-32.e7.		0
240	The effectiveness of assisted reproductive technologies immunological prediction. RUDN Journal of Medicine, 2023, 27, 342-353.	0.2	1
241	Assessing the endometrium: An update on current and potential novel biomarkers of receptivity. Journal of Reproductive Immunology, 2023, 160, 104162.	1.9	1

ΙF CITATIONS ARTICLE 1.7 0

Using mycobacterium cell wall fraction to decrease equine chorionic gonadotropin after abortion. Equine Veterinary Journal, $\mathbf{0}$, , . 242