

Chorioamnionitis

[View the current Chorioamnionitis InDepth page on BioPortfolio.com \(PDF\)](#)

(<http://www.bioportfolio.com/indepth/Chorioamnionitis.html>) - Regularly Updated.

Chorioamnionitis is an inflammatory condition of pregnancy affecting the uterus. According to a 2000 report by Dr Yvonne W. Wu, a pediatric neurologist at the University of California in San Francisco, chorioamnionitis is a risk factor for periventricular leukomalacia and cerebral palsy in newborns. The amniotic sac consists of two membranes: * The outer membrane, the chorion, contains the amnion and is part of the placenta. * The inner membrane, the amnion, contains the amniotic fluid and the fetus. Chorioamnionitis is an inflammation of the chorion and amnion. It is usually caused by a bacterial infection. ([From the Wikipedia article Chorioamnionitis](#).)



Recent Publications on Chorioamnionitis:

- [Fetal membranes as an interface between inflammation and metabolism: increased aquaporin 9 expression in the presence of spontaneous labor at term and chorioamnionitis.](#)
OBJECTIVE: Aquaporin 9 (AQP9) is a water channel protein characterized by... 18th November, 2009
Perinatology Research Branch, NICHD, NIH, DHHS, Detroit, Michigan, USA.- J Matern Fetal Neonatal Med. 2009 Dec;22(12):1167-75.
- [Amniotic fluid soluble human leukocyte antigen-G in term and preterm parturition, and intra-amniotic infection/inflammation.](#)
OBJECTIVE: Circulating soluble human leukocyte antigen-G (sHLA-G) has been... 18th November, 2009
Perinatology Research Branch, NICHD/NIH/DHHS, Bethesda, Maryland, USA.- J Matern Fetal Neonatal Med. 2009 Dec;22(12):1151-66.
- [Differential expression pattern of genes encoding for anti-microbial peptides in the fetal membranes of patients with spontaneous preterm labor and intact membranes and those with preterm prelabor rupture of the membranes.](#)
OBJECTIVE: Increased amniotic fluid concentrations of anti-microbial... 18th November, 2009
Perinatology Research Branch, NICHD, NIH, DHHS, Detroit, Michigan, USA.- J Matern Fetal Neonatal Med. 2009 Dec;22(12):1103-15.
- [Subclinical histologic chorioamnionitis and related clinical and laboratory parameters in preterm deliveries.](#)
BACKGROUND: Histologic chorioamnionitis (HCA) is associated with preterm... 17th November, 2009
Department of Pediatrics, Cathay General Hospital, Hsin Chu, Taiwan.- Pediatr Neonatol. 2009 Oct;50(5):217-21.
- [Factors affecting the duration of the latency period in preterm premature rupture of membranes.](#)
OBJECTIVE: To investigate the natural course of preterm premature rupture... 11th November, 2009
Helen Schneider Hospital for Women, Rabin Medical Center, Petach Tikva,- J Matern Fetal Neonatal Med. 2009 Nov;22(11):1051-6.

- [Mitochondrial manganese superoxide dismutase mRNA expression in human chorioamniotic membranes and its association with labor, inflammation, and infection.](#)
*OBJECTIVE: Human parturition is characterized by the activation of genes...*11th November, 2009
Perinatology Research Branch, NICHD, NIH, DHHS, Detroit, Michigan 48201,- J Matern Fetal Neonatal Med. 2009 Nov;22(11):1000-13.
- [Fetal membranes as an interface between inflammation and metabolism: increased Aquaporin 9 expression in the presence of spontaneous labor at term and chorioamnionitis.](#)
*Objective. Aquaporin 9 (AQP9) is a water channel protein characterized by...*11th November, 2009
Perinatology Research Branch, NICHD, NIH, DHHS, Detroit, Michigan, USA.- J Matern Fetal Neonatal Med. 2009 Oct 1.
- [Diagnosis of placental abruption: relationship between clinical and histopathological findings.](#)
*OBJECTIVE: We evaluated the extent to which histologic lesions bearing a...*10th November, 2009
Division of Epidemiology and Biostatistics, Department of Obstetrics,- Eur J Obstet Gynecol Reprod Biol. 2009 Nov 6. ([DOI Direct Link](#))
- [Chorioamnionitis and Intrauterine Fetal Death after Second-Trimester Amniocentesis.](#)
*We report an intrauterine fetal death that occurred less than 24 h after...*7th November, 2009
Women and Infants' Hospital, Department of Obstetrics and Gynecology,- Fetal Diagn Ther. 2009 Nov 5. ([DOI Direct Link](#))
- [Perinatal mortality contributors in singleton gestation.](#)
*Objective: To determine the feto-maternal factors contributing to...*6th November, 2009
Department of Obstetrics and Gynaecology, Dow University of Health- J Coll Physicians Surg Pak. 2009 Nov;19(11):711-3. ([DOI Direct Link](#))
- [PLACENTAL CHORIOAMNIONITIS AT TERM: EPIDEMIOLOGY AND FOLLOW-UP IN CHILDHOOD.](#)
*Abstract ABSTRACT The objective was to identify histologic...*6th November, 2009
1 National Women's Hospital.- Pediatr Dev Pathol. 2009 Nov 4. ([DOI Direct Link](#))
- [Clara Cell Secretory Protein in Tracheobronchial Aspirates and Umbilical Cord Serum of Extremely Premature Infants with Systemic Inflammation.](#)
*Background: A systemic fetal inflammatory response, reflected by...*6th November, 2009
Department of Pediatrics, University of Wurzburg, Wurzburg, Germany.- Neonatology. 2009 Oct 29;97(3):228-234. ([DOI Direct Link](#))
- [Emergency cervical cerclage: Predictors of success.](#)
*Objective. To document predictors of success of emergency cervical...*4th November, 2009
Oxford Fetal Medicine Unit, Level 6, The John Radcliffe Hospital, Oxford,- J Matern Fetal Neonatal Med. 2009 Nov 3.
- [Eosinophilic/T-cell chorionic vasculitis and intrauterine fetal demise at 34 weeks. Case report and review of the literature.](#)
*Abstract Eosinophilic/T-cell chorionic vasculitis is a rare form of...*30th October, 2009
1 The Pathology Institute, Regional Hospital.- Pediatr Dev Pathol. 2009 Oct 19. ([DOI Direct Link](#))
- [Placental Features of Chorioamnionitis Colonized with Ureaplasma Species in Preterm Delivery.](#)
*Ureaplasma spp. is detected in the urogenital tract, including the vagina,...*28th October, 2009
Departments of Developmental Medicine [F.N., T.H., K.N., M.N., M.N., K.M.,- Pediatr Res. 2009 Oct 24. ([DOI Direct Link](#))

Chorioamnionitis Patents:



- 5869272- [Methods for detection of gram negative bacteria](#)
- 6255066- [Bacterial vaginosis screening technique and a diagnostic kit for use therein](#)
- 6346405- [ARO1 multifunctional polypeptide of Candida albicans](#)
- 6375970- [Methods and materials for preterm birth prevention](#)
- 6391047- [Repair of ruptured membrane by injection of naturally occurring protein in amniotic fluid sac](#)
- 6403078- [Method and compositions for treating preterm labor and premature rupture of fetal membranes](#)
- 6434418- [Apparatus for measuring intrauterine pressure and fetal heart rate and method for using same](#)
- 6482589- [Nucleic acid probes for the detection of genital mycoplasmas](#)
- 6531126- [Use of emu oil and its various fractions as a carrier for antifungal, antibacterial, and antiviral medications and preparations](#)
- 6531583- [Nucleic acid probes and method for detecting Ureaplasma urealyticum](#)
- 6599501- [Immunomodulators](#)
- 6235304- [Method of inhibition of HIV replication by leukemia inhibitory factor](#)
- 6218192- [Method and composition for treatment of headache using magnesium](#)
- 6180112- [Pasteurella haemolytica vaccine](#)
- 5869290- [Cayae1 polynucleotides](#)
- 5955377- [Methods and kits for the amplification of thin film based assays](#)
- 6039701- [Method and apparatus for monitoring cervical diameter](#)
- 6093538- [Nucleic acid probes to ureaplasma](#)
- 6100095- [Ionized magnesium.sup.2+ concentrations in biological samples](#)
- 6126597- [System for identifying premature rupture of membrane during pregnancy](#)
- 6149590- [System for identifying premature rupture of membrane during pregnancy](#)
- 6159937- [Immunomodulators](#)
- 6168791- [Antibodies that bind immunomodulators](#)
- 6174705- [ARO1 dehydroquinase synthase of candida albicans](#)
- 6645506- [Topical compositions containing extracellular products of Pseudomonas lindbergii and Emu oil](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 7232661- [Diagnostic agents for the prenatal diagnosis of preterm delivery, fetal infection, and fetal damage, and diagnostic kit containing the same](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 7371407- [Use of Emu Oil and its various fractions as a carrier for antifungal, antibacterial, and antiviral medications and preparations](#)
- 7514221- [Diagnostic assay and method of treatment involving macrophage inhibitory cytokine-1 \(MIC-1\)](#)
- 7519417- [Quantitative fetal heart rate and cardiocographic monitoring system and related method thereof](#)
- 7524636- [Methods for diagnosing labor](#)
- 7528133- [Use of thiazolidinediones derivatives for preventing uterine contractions in premature labour or lactation](#)
- 7537891- [Identification of polynucleotides for predicting activity of compounds that interact with and/or modulate protein tyrosine kinases and/or protein tyrosine kinase pathways in breast cells](#)
- 7541042- [Topical compositions containing Bacillus coagulans extracellular products and uses thereof](#)
- 7544363- [Topical compositions containing Bacillus coagulans extracellular products and uses thereof](#)
- 7191068- [Proteomic analysis of biological fluids](#)
- 7175647- [Repair of ruptured membrane by injection of naturally occurring protein in amniotic fluid sac](#)
- 7157235- [Methods of diagnosis, prognosis and treatment of cardiovascular disease](#)
- 6723326- [Topical compositions containing probiotic Bacillus bacteria, spores, and extracellular products and uses thereof](#)
- 6733751- [Use of Emu Oil and its various fractions as a carrier for antifungal, antibacterial, and antiviral medications & preparations](#)

- 6733967- [Fetal testing for prediction of low birth weight](#)
- 6738502- [Multispectral taxonomic identification](#)
- 6852698- [Free radical scavengers or promoters thereof as therapeutic adjuvants in preterm parturition](#)
- 6905692- [Topical compositions containing probiotic bacillus bacteria, spores, and extracellular products and uses thereof](#)
- 6916608- [Composition for providing long term stability to cells for diagnostic testing](#)
- 6936586- [Synthetic IL-10 analogues](#)
- 7048950- [Use of Emu Oil and its various fractions as a carrier for antifungal, antibacterial, and antiviral medications and preparations](#)
- 7087633- [Method for treating perinatal asphyxia in a human or animal neonate](#)
- 7591978- [Solid phase test device for sialidase assay](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

